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@centerlinecommunications.com

July 30, 2021

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

RE: Notice of Exempt Modification // Site: EAST HADDAM (ATC: 302527)
135 Honey Hill Road, East Haddam, CT 06423
N 41.4369 // W 72.3663

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains 6 antennas at the 130-foot level on the existing 150 foot monopole tower, located at 135 Honey Hill Road, East Haddam, CT. The tower is owned by American Tower. The property is owned by the Robert E. Newkirk. The tower was originally approved by the Council in 2005. Verizon Wireless now intends to remove 6 of its existing antennas to replace with 9 ones, remove 3 Side – by - side mounts and install 3 new ones for the LTE (3700 MHz) replacements, along with the mounting platform reinforcements, for its 5G upgrade. Additionally, Verizon Wireless will replace all remote radio head units (RRUs) with a total of 6 RRUs; remove 1 Platform Mount and replace with 1 new platform mount, install 1 handrail kit and 3 Diplexers; 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 Robert R. Smith, First Selectman for the Town of East Haddam, James F. Ventres, Land Use Administrator and Zoning Enforcement Officer, Sobiech Susan Lee, the property owner, and American Tower, the tower owner.

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 24, 2021 by Power of Design, and a structural analysis dated May 6, 2021 by A.T. Engineering Service, PLLC., a structural mount analysis by Maser Consulting

Connecticut date June 8, 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 A.T. Engineering Service, PLLC, dated May 6, 2021 and a structural mount analysis by Maser Consulting Connecticut, dated June 8 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated June 24, 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

_____

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@centerlinecommunications.com

Attachments

cc: Robert R. Smith, First Selectman – as Chief Elected Official
James F. Ventres, Land Use Administrator – as Zoning official
American Tower Corporation - as tower owner
Sobiech Susan Lee – Property Owner

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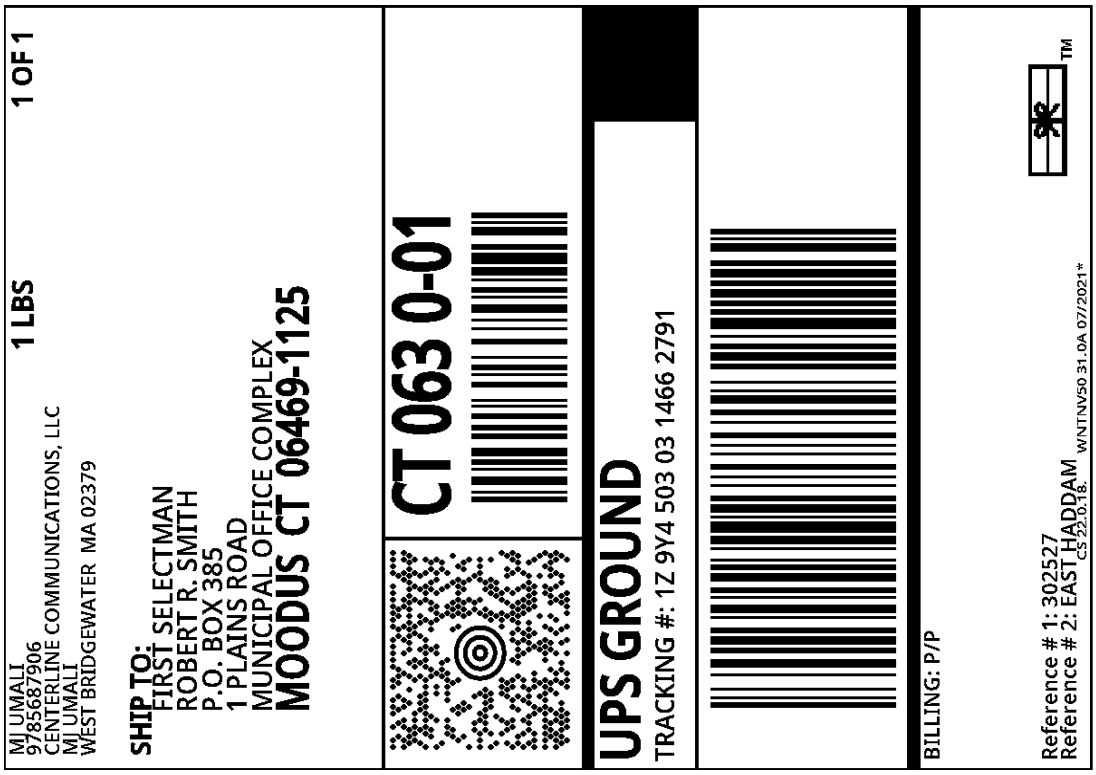

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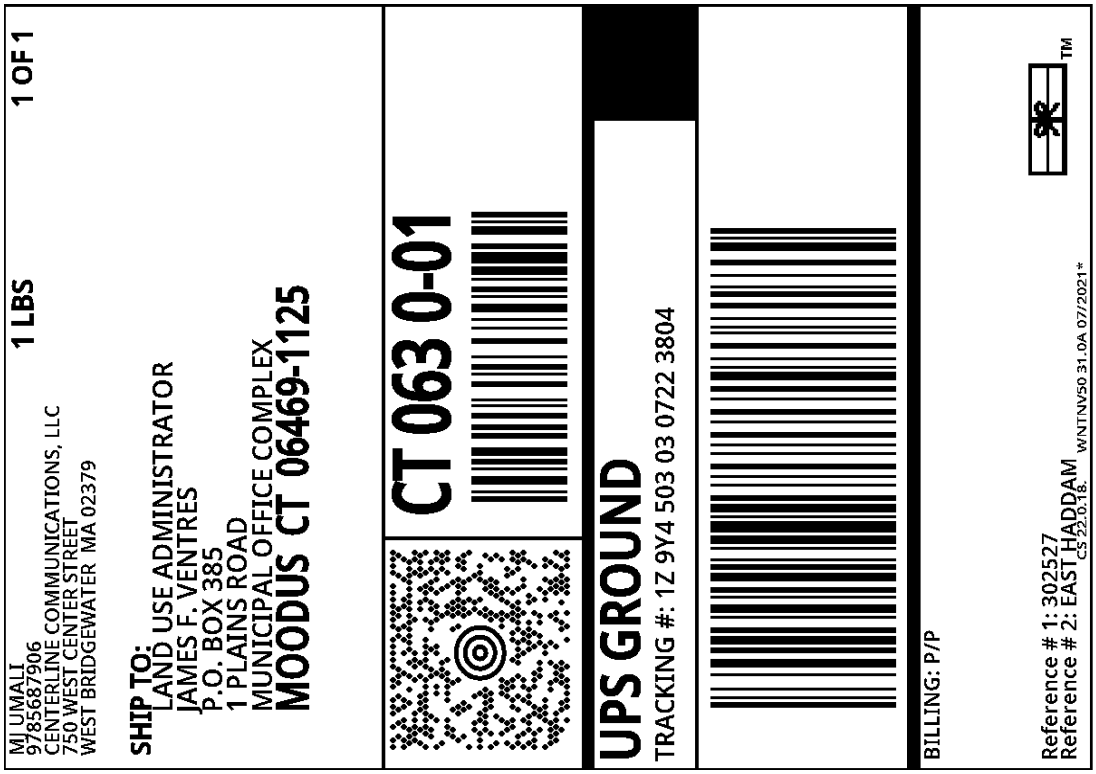

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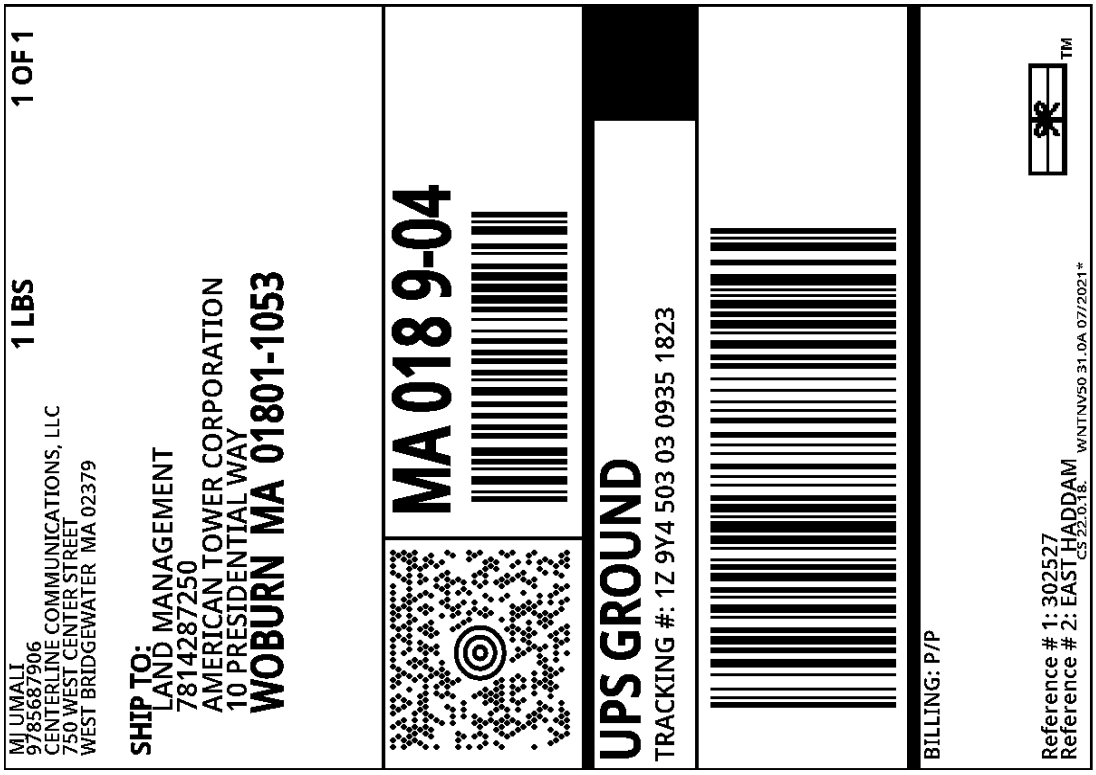

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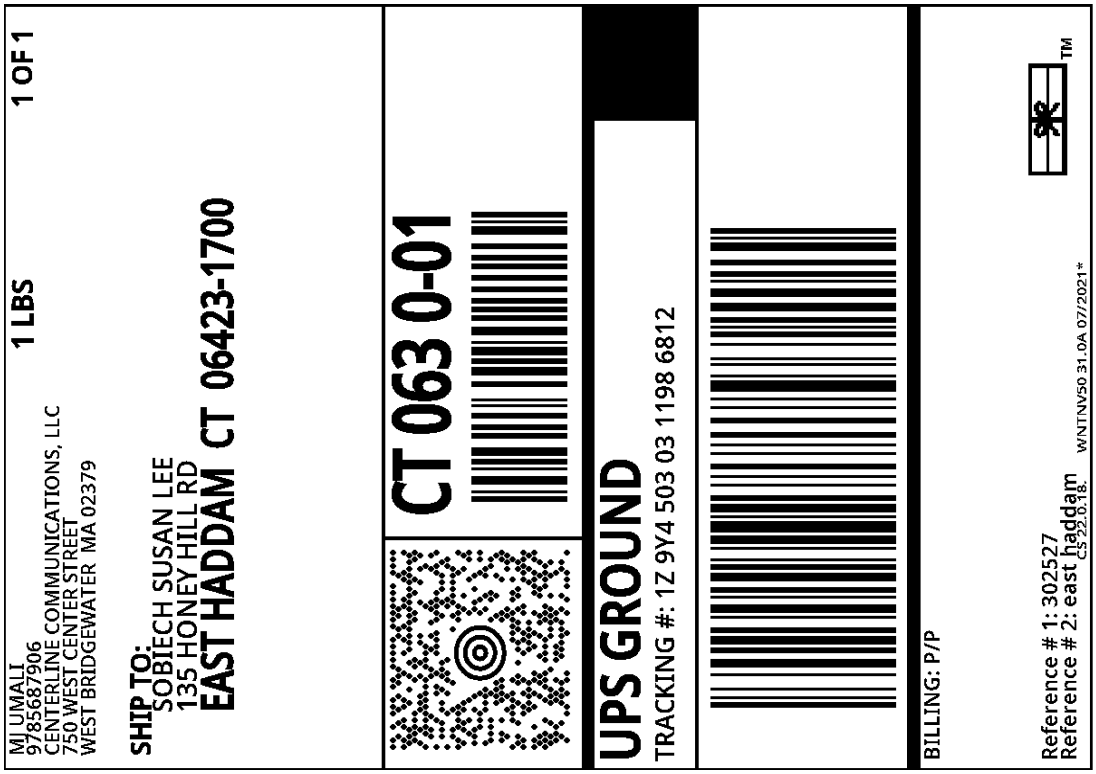

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Structural Analysis Report

Structure	:	**150 ft Monopole**
ATC Site Name	:	**East Haddam, CT**
ATC Asset Number	:	**302527**
Engineering Number	:	**13668835_C3_01**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**EAST HADDAM**
Carrier Site Number	:	**467390**
Site Location	:	**135 Honey Hill Road** **East Haddam, CT 06423-1714** **41.436900,-72.366400**
County	:	**Middlesex**
Date	:	**May 6, 2021**
Max Usage	:	**28%**
Result	:	**Pass**

Prepared By:
Sammie Brown
Structural Engineer

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 150 ft monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	Summit, PJF Job #29201-0876, Rev 1, dated September 24, 2001
Foundation Drawing	Summit, PJF Job #29201-0876, dated October 30, 2001
Geotechnical Report	Clarence Welti, dated June 28, 2001

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:	123 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 2
Feature:	Hill
Crest Height (H):	81 ft
Crest Length (L):	7022 ft
Spectral Response:	$S_s = 0.21$, $S_1 = 0.05$
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	Antenna	Mount Type	Lines	Carrier
152.8	1	Telewave ANT450F6	Stand-Off	(1) 7/8" Coax	VALLEY SHORE EMERGENCY COMMUNICATIONS
141.0	3	Ericsson RRUS 4415 B66	Traingular Platform with Handrails	(3) 1 5/8" Hybriflex	SPRINT NEXTEL
	3	Ericsson Radio 4449 B71 B85A			
	3	Ericsson 4424 B25			
	3	Ericsson Air6449 B41			
	3	RFS APXVAALL24 43-U-NA20			
	3	RFS APX16DWV-16DWVS-E-A20			
130.0	2	Commscope RC3DC-3315-PF-48	Triangular Platform with Handrails	(10) 1 5/8" Coax (2) 1 5/8" Hybriflex	VERIZON WIRELESS
	6	RFS APL868013-42T0			
120.0	1	Raycap DC6-48-60-18-8F ("Squid")	Triangular Platform with Handrails	(2) 0.39" (10mm) Fiber Trunk (2) 2" conduit (1) 0.35" (9mm) Fiber (4) 0.78" (19.7mm) 8 AWG 6 (12) 1 5/8" Coax	AT&T MOBILITY
	6	Powerwave Allgon LGP21401			
	2	KMW EPBQ-654L8H8-L2			
	1	Raycap DC6-48-60-18-8F			
	3	Ericsson RRUS 4415 B25			
	3	Ericsson RRUS 4478 B5			
	3	Ericsson RRUS-11 1900 MHz			
	3	Powerwave Allgon 7770.00			
	1	Andrew SBNHH-1D65A (33.5 lbs)			
	1	Andrew DBXNH-6565B-R2M (72.7")			
	1	KMW AM-X-CD-17-65-00T-RET (96" Height)			
	1	KMW EPBQ-654L8H6-L2			
108.8	1	Telewave ANT450F6	Stand-Off	(1) 7/8" Coax	VALLEY SHORE EMERGENCY COMMUNICATIONS
75.0	1	Generic GPS	Stand-Off	(1) 1/2" Coax	SPRINT NEXTEL

Equipment to be Removed

Elev.[1] (ft)	Qty	Antenna	Mount Type	Lines	Carrier
130.0	6	RFS FD9R6004/2C-3L	-	-	VERIZON WIRELESS
	6	Commscope SBNHH-1D65B (72.9")			
	3	Alcatel-Lucent B66A RRH4x45-4R w/o Solar Shield			
	3	Alcatel-Lucent B13 RRH4X30-4R w/ Solar Shield (57.2 lbs)			

Proposed Equipment

Elev.[1] (ft)	Qty	Antenna	Mount Type	Lines	Carrier
130.0	3	Commscope CBC78T-DS-43-2X	Triangular Platform with Handrails	(2) 1 5/8" Coax	VERIZON WIRELESS
	6	Samsung B2/B66A RRH-BR049			
	3	Samsung MT6407-77A			
	6	Commscope JAHH-65B-R3B			

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

Install proposed lines inside the pole shaft.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	28%	Pass
Shaft	24%	Pass
Base Plate	15%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	2,991.1	22%
Axial (Kips)	80.7	12%
Shear (Kips)	29.9	15%

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
130.0	Commscope CBC78T-DS-43-2X	VERIZON WIRELESS	0.286	0.217
	Samsung B2/B66A RRH-BR049			
	Samsung MT6407-77A			
	Commscope JAHH-65B-R3B			

***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:

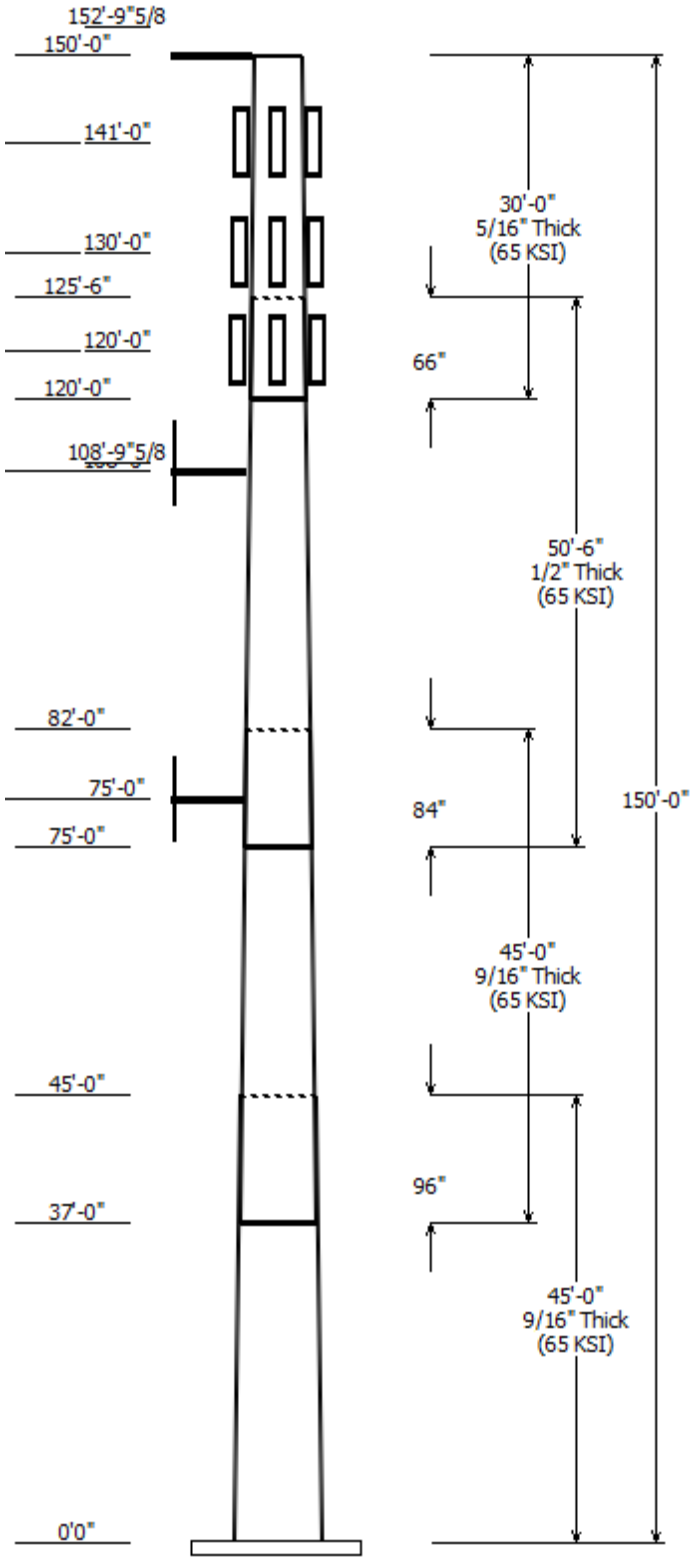
- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Service, PLLC

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 :	302527	Code:	ANSI/TIA-222-H
Location :	East Haddam, CT		
Description :	150' Summit Monopole	Risk Category :	II
Shape :	18 Sides	Exposure :	B
Height :	150.00 (ft)	Topo Method :	Method 2
Base Elev (ft):	0.00	Topographic Feature :	Hill
Taper:	0.253627 (in/ft)		

Sections Properties

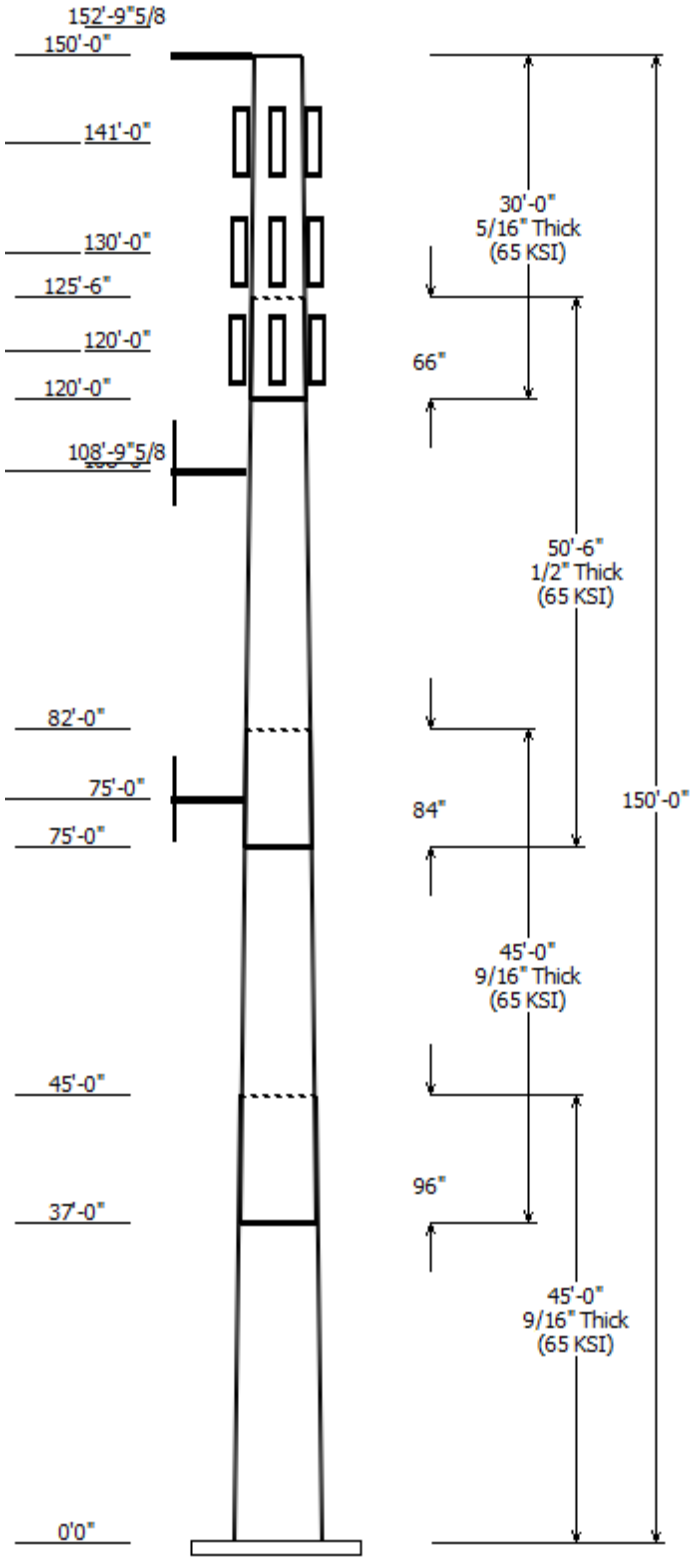
Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	45.000	60.78	72.20	0.563		0.000	18 Sides	65
2	45.000	52.52	63.94	0.563	Slip Joint	96.000	18 Sides	65
3	50.500	42.49	55.30	0.500	Slip Joint	84.000	18 Sides	65
4	30.000	36.90	44.51	0.313	Slip Joint	66.000	18 Sides	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
152.800	152.800	1	Telewave ANT450F6
150.000	150.000	1	Generic Flat Stand-Off
141.000	141.000	1	Generic Flat Platform with Han
141.000	141.000	3	RFS APXVAALL24 43-U-NA20
141.000	141.000	3	RFS APX16DWV-16DWVS-E-A20
141.000	141.000	3	Ericsson Air6449 B41
141.000	141.000	3	Ericsson Radio 4449 B71 B85A
141.000	141.000	3	Ericsson RRUS 4415 B66
141.000	141.000	3	Ericsson 4424 B25
130.000	130.000	6	Commscope JAHH-65B-R3B
130.000	130.000	3	Samsung MT6407-77A
130.000	130.000	2	Commscope RC3DC-3315-PF-
130.000	130.000	6	RFS APL868013-42T0
130.000	130.000	6	Samsung B2/B66A RRH-BR049
130.000	130.000	3	Commscope CBC78T-DS-43-2X
130.000	130.000	1	Generic Flat Platform with Han
120.000	120.000	2	KMW EPBQ-654L8H8-L2
120.000	120.000	1	KMW EPBQ-654L8H6-L2
120.000	120.000	1	KMW AM-X-CD-17-65-00T-RET
120.000	120.000	1	Andrew SBNHH-1D65A (33.5
120.000	120.000	3	Ericsson RRUS-11 1900 MHz
120.000	120.000	1	Andrew DBXNH-6565B-R2M
120.000	120.000	3	Ericsson RRUS 4478 B5
120.000	120.000	3	Powerwave Allgon 7770.00
120.000	120.000	3	Ericsson RRUS 4415 B25
120.000	120.000	1	Raycap DC6-48-60-18-8F
120.000	120.000	6	Powerwave Allgon LGP21401
120.000	120.000	1	Raycap DC6-48-60-18-8F
120.000	120.000	1	Generic Round Platform with
108.800	108.800	1	Telewave ANT450F6
108.000	108.000	1	Generic Flat Stand-Off
75.000	75.000	1	Generic Flat Stand-Off
75.000	75.000	1	Generic GPS

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
10.000	120.0	0.35" (9mm) Fiber	No
10.000	120.0	0.39" (10mm)	No
10.000	120.0	0.78" (19.7mm) 8	No
10.000	120.0	1 5/8" Coax	No



10.000	120.0	2" conduit	No
10.000	122.0	2" conduit	No
10.000	130.0	1 5/8" Coax	No
10.000	130.0	1 5/8" Coax	No
10.000	130.0	1 5/8" Hybriflex	No
10.000	75.000	1/2" Coax	No
0.000	108.8	7/8" Coax	No
0.000	141.0	1 5/8" Hybriflex	No
0.000	152.8	7/8" Coax	No
0.000	122.0	0.39" (10mm)	No

Load Cases

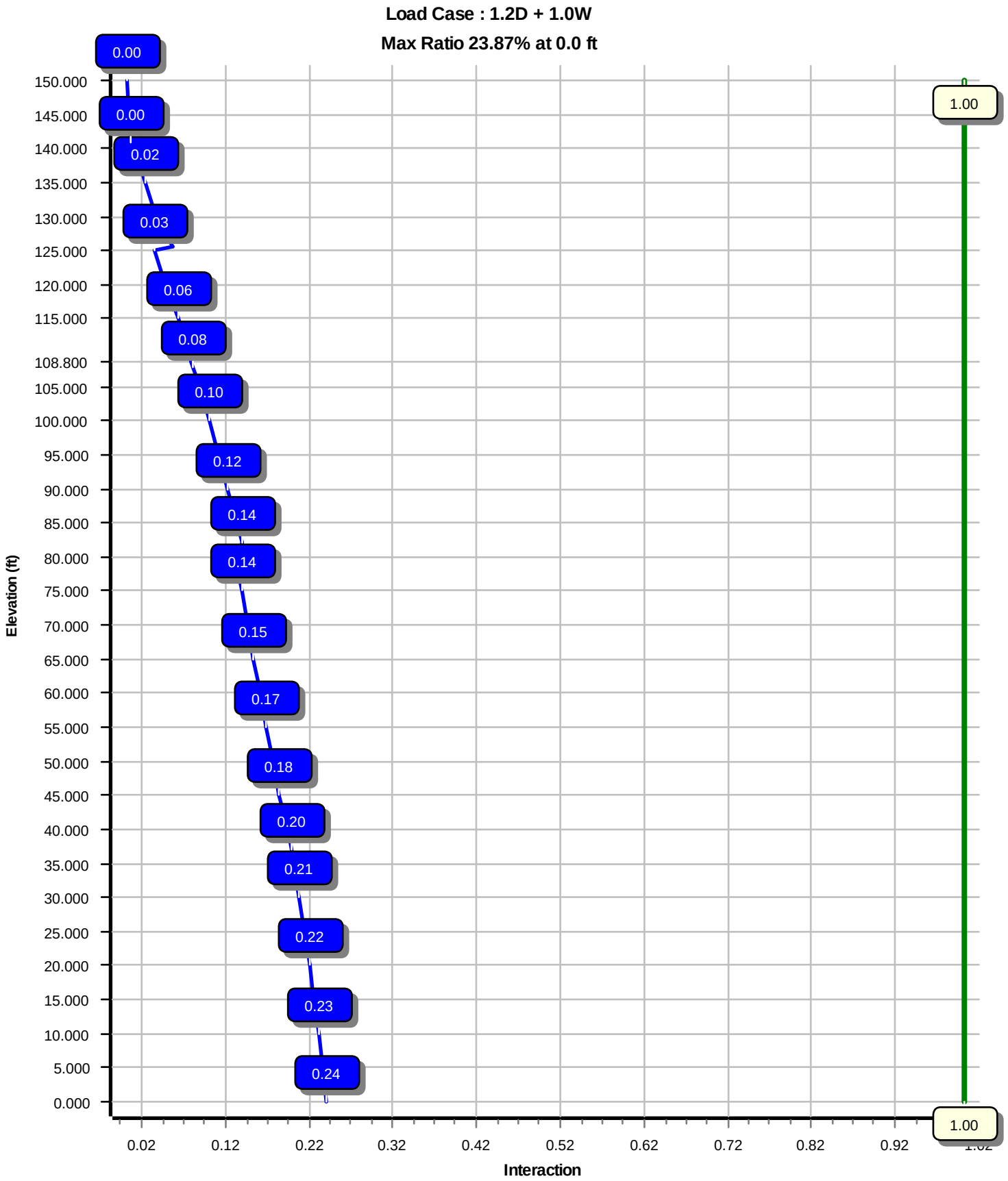
1.2D + 1.0W	123 mph with No Ice
0.9D + 1.0W	123 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.00 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Reactions

Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.0W	2991.06	29.94	80.72
0.9D + 1.0W	2978.20	29.93	60.54
1.2D + 1.0Di + 1.0Wi	733.99	7.58	98.50
1.2D + 1.0Ev + 1.0Eh	301.54	2.82	81.02
0.9D - 1.0Ev + 1.0Eh	299.97	2.81	55.69
1.0D + 1.0W	634.89	6.37	67.28

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 23.87% at 0.0 ft
0.00
0.00
0.02
0.03
0.06
0.08
0.10
0.12
0.14
0.14
0.15
0.17
0.18
0.20
0.21
0.22
0.23
0.24
1.00
1.00
150.000
145.000
140.000
135.000
130.000
125.000
120.000
115.000
108.800
105.000
100.000
95.000
90.000
85.000
80.000
75.000
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
Elevation (ft)
0.02
0.12
0.22
0.32
0.42
0.52
0.62
0.72
0.82
0.92
Interaction

Site Number: 302527 Code: ANSI/TIA-222-H

Site Name: East Haddam, CT Engineering Number:13668835_C3_01 5/6/2021 8:41:02 PM

Customer: VERIZON WIRELESS

Analysis Parameters

Location :	Middlesex County, CT	Height (ft) :	150
Code :	ANSI/TIA-222-H	Base Diameter (in) :	72.20
Shape :	18 Sides	Top Diameter (in) :	36.91
Pole Type :	Taper	Taper (in/ft) :	0.254
Pole Manfacturer :	Summit Manufacturing	Rotation (deg) :	0.00
Kd (non-service) :	0.95	Ke :	0.98

Ice & Wind Parameters

Exposure Category:	B	Design Wind Speed Without Ice:	123 mph
Risk Category:	II	Design Wind Speed With Ice:	50 mph
Topographic Factor Procedure:	Method 2	Operational Wind Speed:	60 mph
Feature:	Hill	Design Ice Thickness:	1.00 in
Crest Height (H):	81 ft	HMSL:	487.00 ft
Crest Length (L):	7022 ft		
Distance from Apex (x):	253 ft		
Upwind / Downwind	Downwind		

Seismic Parameters

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil				
Period Based on Rayleigh Method (sec):	1.40				
T_L (sec):	6	p:	1	C_s:	0.042
S_s:	0.209	S_1:	0.055	C_s Max:	0.042
F_a:	1.600	F_v :	2.400	C_s Min:	0.030
S_{ds}:	0.223	S_{d1}:	0.088		

Load Cases

1.2D + 1.0W	123 mph with No Ice
0.9D + 1.0W	123 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: 302527 Code: ANSI/TIA-222-H

Site Name: East Haddam, CT Engineering Number:13668835_C3_01 5/6/2021 8:41:02 PM

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	45.000	0.5625	65		0.00	18,024	72.20	0.00	127.90	82925.5	20.87	128.36	60.78	45.00	107.52	49269.9	17.29	108.07	0.253627
2-18	45.000	0.5625	65	Slip	96.00	15,766	63.94	37.00	113.15	57423.4	18.28	113.67	52.52	82.00	92.77	31652.1	14.70	93.38	0.253627
3-18	50.500	0.5000	65	Slip	84.00	13,198	55.30	75.00	86.97	33001.0	17.74	110.61	42.49	125.50	66.64	14849.2	13.22	84.99	0.253627
4-18	30.000	0.3125	65	Slip	66.00	4,090	44.51	120.00	43.84	10822.5	23.35	142.45	36.90	150.00	36.29	6140.5	19.06	118.10	0.253627
				Shaft Weight		51,079													

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
152.80	Telewave ANT450F6	1	1.00	0.000	21.00	1.802	1.00	53.64	3.628	1.00
150.00	Generic Flat Stand-Off	1	1.00	0.000	187.50	6.300	1.00	276.36	8.378	1.00
141.00	Ericsson RRUS 4415 B66	3	0.75	0.000	46.00	1.650	0.50	74.73	2.214	0.50
141.00	Ericsson Radio 4449 B71 B85A	3	0.75	0.000	75.00	1.650	0.50	114.91	2.214	0.50
141.00	Ericsson 4424 B25	3	0.75	0.000	86.00	2.052	0.67	134.39	2.678	0.67
141.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	194.45	6.735	0.63
141.00	RFS APX16DWV-16DWVS-E-A20	3	0.75	0.000	40.70	6.586	0.60	118.23	8.023	0.60
141.00	RFS APXVAALL24 43-U-NA20	3	0.75	0.000	122.80	20.243	0.63	381.31	22.705	0.63
141.00	Generic Flat Platform with	1	1.00	0.000	2,500.00	42.400	1.00	3,679.01	56.319	1.00
130.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	35.22	0.886	0.50
130.00	Samsung B2/B66A RRH-BR049	6	0.75	0.000	84.40	1.875	0.50	126.34	2.468	0.50
130.00	RFS APL868013-42T0	6	0.75	0.000	6.30	3.615	0.73	64.22	4.843	0.73
130.00	Commscope RC3DC-3315-PF-48	2	0.75	0.000	32.00	3.781	0.67	104.06	4.650	0.67
130.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	148.61	5.708	0.61
130.00	Commscope JAHH-65B-R3B	6	0.75	0.000	60.60	9.113	0.69	193.59	10.937	0.69
130.00	Generic Flat Platform with	1	1.00	0.000	2,500.00	42.400	1.00	3,667.84	56.187	1.00
120.00	Powerwave Allgon LGP21401	6	0.75	0.000	14.10	1.104	0.50	30.37	1.569	0.50
120.00	Raycap DC6-48-60-18-8F	1	0.75	0.000	20.00	1.260	1.00	54.33	1.689	1.00
120.00	Raycap DC6-48-60-18-8F	1	0.75	0.000	31.80	1.470	1.00	72.02	1.925	1.00
120.00	Ericsson RRUS 4478 B5	3	0.75	0.000	59.90	1.842	0.50	95.95	2.427	0.50
120.00	Ericsson RRUS 4415 B25	3	0.75	0.000	46.00	1.842	0.50	77.96	2.427	0.50
120.00	Ericsson RRUS-11 1900 MHz	3	0.75	0.000	44.00	2.522	0.67	87.86	3.200	0.67
120.00	Powerwave Allgon 7770.00	3	0.75	0.000	35.00	5.508	0.65	116.05	6.178	0.65
120.00	Andrew SBNHH-1D65A (33.5 lbs)	1	0.75	0.000	33.50	5.883	0.69	121.74	7.270	0.69
120.00	Andrew DBXNH-6565B-R2M	1	0.75	0.000	46.30	8.173	1.00	160.99	10.010	1.00
120.00	KMW AM-X-CD-17-65-00T-RET	1	0.75	0.000	59.50	11.310	0.68	198.91	13.411	0.68
120.00	KMW EPBQ-654L8H6-L2	1	0.75	0.000	72.80	13.237	0.61	236.66	15.101	0.61
120.00	KMW EPBQ-654L8H8-L2	2	0.75	0.000	86.00	18.089	0.61	297.73	20.496	0.61
120.00	Generic Round Platform with	1	1.00	0.000	2,500.00	27.200	1.00	3,555.93	43.136	1.00
108.80	Telewave ANT450F6	1	1.00	0.000	21.00	1.802	1.00	52.65	3.573	1.00
108.00	Generic Flat Stand-Off	1	1.00	0.000	187.50	6.300	1.00	273.51	8.312	1.00
75.00	Generic GPS	1	1.00	0.000	10.00	0.900	1.00	28.18	1.297	1.00
75.00	Generic Flat Stand-Off	1	1.00	0.000	187.50	6.300	1.00	270.26	8.236	1.00
Totals	Num Loadings:33	79			11,891.90			20,731.76		

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	152.80	1	7/8" Coax	1.09	0.33	N	0	0.00	0.00	0	0.00	N	VALLEY SHORE
0.00	141.00	3	1 5/8" Hybriflex	1.98	1.30	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
10.00	130.00	10	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
10.00	130.00	2	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS

10.00	130.00	2	1 5/8" Hybriflex	1.98	1.30	N	0	0.00	0.00	0	0.00	N	VERIZON WIRELESS
0.00	122.00	1	0.39" (10mm) Fiber	0.39	0.06	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
10.00	122.00	1	2" conduit	2.38	3.65	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
10.00	120.00	1	0.35" (9mm) Fiber	0.35	0.05	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
10.00	120.00	1	0.39" (10mm) Fiber	0.39	0.06	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
10.00	120.00	4	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
10.00	120.00	12	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
10.00	120.00	1	2" conduit	2.38	3.65	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
0.00	108.80	1	7/8" Coax	1.09	0.33	N	0	0.00	0.00	0	0.00	N	VALLEY SHORE
10.00	75.00	1	1/2" Coax	0.63	0.15	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL

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		0.5625	72.200	127.895	82,925.5	20.87	128.36	76.9	2262.	0.0	0.0
5.00		0.5625	70.932	125.631	78,599.1	20.47	126.10	77.3	2182.	0.0	2,156.7
10.00		0.5625	69.664	123.367	74,425.9	20.07	123.85	77.8	2104.	0.0	2,118.2
15.00		0.5625	68.396	121.103	70,403.1	19.68	121.59	78.3	2027.	0.0	2,079.7
20.00		0.5625	67.127	118.839	66,527.9	19.28	119.34	78.7	1952.	0.0	2,041.2
25.00		0.5625	65.859	116.575	62,797.6	18.88	117.08	79.2	1878.	0.0	2,002.7
30.00		0.5625	64.591	114.311	59,209.4	18.48	114.83	79.7	1805.	0.0	1,964.1
35.00		0.5625	63.323	112.047	55,760.6	18.09	112.57	80.1	1734.	0.0	1,925.6
37.00	Bot - Section 2	0.5625	62.816	111.142	54,419.5	17.93	111.67	80.3	1706.	0.0	759.5
40.00		0.5625	62.055	109.783	52,448.4	17.69	110.32	80.6	1664.	0.0	2,275.8
45.00	Top - Section 1	0.5625	61.912	109.528	52,083.0	17.64	110.07	80.6	1656.	0.0	3,731.3
50.00		0.5625	60.644	107.264	48,919.5	17.25	107.81	81.1	1588.	0.0	1,844.2
55.00		0.5625	59.376	105.000	45,886.8	16.85	105.56	81.6	1522.	0.0	1,805.7
60.00		0.5625	58.107	102.736	42,982.1	16.45	103.30	82.1	1456.	0.0	1,767.2
65.00		0.5625	56.839	100.472	40,202.6	16.05	101.05	82.5	1393.	0.0	1,728.7
70.00		0.5625	55.571	98.207	37,545.6	15.66	98.79	82.6	1330.	0.0	1,690.2
75.00	Bot - Section 3	0.5625	54.303	95.943	35,008.4	15.26	96.54	82.6	1269.	0.0	1,651.6
80.00		0.5625	53.035	93.679	32,588.1	14.86	94.28	82.6	1210.	0.0	3,075.7
82.00	Top - Section 2	0.5000	53.528	84.152	29,896.5	17.11	107.06	81.3	1100.	0.0	1,209.9
85.00		0.5000	52.767	82.944	28,628.0	16.85	105.53	81.6	1068.	0.0	852.9
90.00		0.5000	51.499	80.932	26,594.3	16.40	103.00	82.1	1017.	0.0	1,394.1
95.00		0.5000	50.230	78.919	24,659.4	15.95	100.46	82.6	966.9	0.0	1,359.8
100.0		0.5000	48.962	76.907	22,820.6	15.50	97.92	82.6	918.0	0.0	1,325.6
105.0		0.5000	47.694	74.894	21,075.6	15.06	95.39	82.6	870.4	0.0	1,291.4
108.0		0.5000	46.933	73.687	20,072.6	14.79	93.87	82.6	842.4	0.0	758.4
108.8		0.5000	46.730	73.365	19,810.6	14.72	93.46	82.6	835.0	0.0	200.2
110.0		0.5000	46.426	72.882	19,421.9	14.61	92.85	82.6	824.0	0.0	298.6
115.0		0.5000	45.158	70.870	17,857.1	14.16	90.32	82.6	778.9	0.0	1,222.9
120.0	Bot - Section 4	0.5000	43.890	68.857	16,378.6	13.71	87.78	82.6	735.0	0.0	1,188.6
125.0		0.5000	42.622	66.845	14,984.1	13.27	85.24	82.6	692.4	0.0	1,889.6
125.5	Top - Section 3	0.3125	43.120	42.458	9,829.9	22.57	137.98	74.9	449.0	0.0	185.9
130.0		0.3125	41.979	41.326	9,064.4	21.92	134.33	75.6	425.3	0.0	641.5
135.0		0.3125	40.710	40.068	8,261.7	21.21	130.27	76.5	399.7	0.0	692.4
140.0		0.3125	39.442	38.810	7,507.9	20.49	126.22	77.3	374.9	0.0	671.0
141.0		0.3125	39.189	38.559	7,362.8	20.35	125.40	77.5	370.1	0.0	131.6
145.0		0.3125	38.174	37.553	6,801.3	19.78	122.16	78.1	350.9	0.0	518.0
150.0		0.3125	36.906	36.295	6,140.5	19.06	118.10	79.0	327.7	0.0	628.2
											51,078.7

Site Number: 302527 Code: ANSI/TIA-222-H

Site Name: East Haddam, CT Engineering Number:13668835_C3_01 5/6/2021 8:41:02 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0W 123 mph with No Ice 17 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		307.6	0.0					0.0	0.0	307.6	0.0	0.0	0.0
5.00		609.8	2,588.1					0.0	27.7	609.8	2,615.8	0.0	0.0
10.00		598.9	2,541.9					0.0	27.7	598.9	2,569.6	0.0	0.0
15.00		588.0	2,495.6					0.0	220.9	588.0	2,716.6	0.0	0.0
20.00		577.1	2,449.4					0.0	220.9	577.1	2,670.3	0.0	0.0
25.00		566.2	2,403.2					0.0	220.9	566.2	2,624.1	0.0	0.0
30.00		561.9	2,357.0					0.0	220.9	561.9	2,577.9	0.0	0.0
35.00		395.9	2,310.7					0.0	220.9	395.9	2,531.7	0.0	0.0
37.00	Bot - Section 2	290.5	911.4					0.0	88.4	290.5	999.7	0.0	0.0
40.00		473.4	2,730.9					0.0	132.6	473.4	2,863.5	0.0	0.0
45.00	Top - Section 1	597.9	4,477.6					0.0	220.9	597.9	4,698.5	0.0	0.0
50.00		603.6	2,213.1					0.0	220.9	603.6	2,434.0	0.0	0.0
55.00		607.3	2,166.9					0.0	220.9	607.3	2,387.8	0.0	0.0
60.00		609.3	2,120.6					0.0	220.9	609.3	2,341.5	0.0	0.0
65.00		609.8	2,074.4					0.0	220.9	609.8	2,295.3	0.0	0.0
70.00		609.0	2,028.2					0.0	220.9	609.0	2,249.1	0.0	0.0
75.00	Bot - Section 3	612.6	1,982.0	260.6	0.0	0.0	237.0	0.0	220.9	873.2	2,439.9	0.0	0.0
80.00		431.4	3,690.8					0.0	220.0	431.4	3,910.8	0.0	0.0
82.00	Top - Section 2	306.7	1,451.9					0.0	88.0	306.7	1,539.9	0.0	0.0
85.00		488.3	1,023.5					0.0	132.0	488.3	1,155.5	0.0	0.0
90.00		606.4	1,672.9					0.0	220.0	606.4	1,892.9	0.0	0.0
95.00		600.7	1,631.8					0.0	220.0	600.7	1,851.8	0.0	0.0
100.00		594.2	1,590.7					0.0	220.0	594.2	1,810.7	0.0	0.0
105.00		470.8	1,549.6					0.0	220.0	470.8	1,769.7	0.0	0.0
108.00	Appurtenance(s)	221.9	910.1	253.1	0.0	0.0	225.0	0.0	132.0	475.0	1,267.1	0.0	0.0
108.80		116.1	240.2					0.0	35.2	116.1	275.4	0.0	0.0
110.00		357.0	358.3					0.0	52.3	357.0	410.6	0.0	0.0
115.00		570.4	1,467.5					0.0	218.0	570.4	1,685.5	0.0	0.0
120.00	Bot - Section 4	565.1	1,426.4	3,530.6	0.0	0.0	4,290.2	0.0	218.0	4,095.8	5,934.7	0.0	0.0
125.00		310.1	2,267.5					0.0	108.9	310.1	2,376.5	0.0	0.0
125.50	Top - Section 3	277.2	223.1					0.0	10.0	277.2	233.1	0.0	0.0
130.00	Appurtenance(s)	521.2	769.8	4,137.2	0.0	0.0	4,534.4	0.0	90.0	4,658.3	5,394.2	0.0	0.0
135.00		538.3	830.9					0.0	25.4	538.3	856.3	0.0	0.0
140.00		319.0	805.2					0.0	25.4	319.0	830.6	0.0	0.0
141.00	Appurtenance(s)	260.6	158.0	4,111.7	0.0	0.0	4,708.2	0.0	5.1	4,372.3	4,871.2	0.0	0.0
145.00		462.6	621.6					0.0	1.6	462.6	623.2	0.0	0.0
150.00	Appurtenance(s)	254.6	753.9	278.0	0.0	0.0	225.0	0.0	2.0	532.6	980.8	0.0	0.0
								Totals:		30,062.8	80,685.7	0.00	0.00

Load Case: 1.2D + 1.0W 123 mph with No Ice 17 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	-80.72	-29.94	0.00	-2,991.06	0.00	2,991.06	8,846.41	2,244.56	14,523.3	13,039.5	0.00	0.00	0.239
5.00	-78.08	-29.40	0.00	-2,841.34	0.00	2,841.34	8,742.67	2,204.83	14,013.8	12,656.7	0.03	-0.05	0.234
10.00	-75.49	-28.86	0.00	-2,694.34	0.00	2,694.34	8,637.03	2,165.09	13,513.3	12,276.7	0.11	-0.10	0.228
15.00	-72.75	-28.33	0.00	-2,550.03	0.00	2,550.03	8,529.48	2,125.36	13,021.9	11,899.5	0.24	-0.15	0.223
20.00	-70.05	-27.81	0.00	-2,408.36	0.00	2,408.36	8,420.03	2,085.63	12,539.6	11,525.4	0.42	-0.20	0.217
25.00	-67.41	-27.29	0.00	-2,269.32	0.00	2,269.32	8,308.67	2,045.89	12,066.5	11,154.5	0.66	-0.25	0.212
30.00	-64.81	-26.77	0.00	-2,132.86	0.00	2,132.86	8,195.41	2,006.16	11,602.4	10,786.9	0.95	-0.30	0.206
35.00	-62.27	-26.40	0.00	-1,998.99	0.00	1,998.99	8,080.25	1,966.43	11,147.4	10,422.9	1.29	-0.35	0.200
37.00	-61.26	-26.13	0.00	-1,946.19	0.00	1,946.19	8,033.65	1,950.53	10,968.0	10,278.3	1.44	-0.37	0.197
40.00	-58.38	-25.68	0.00	-1,867.80	0.00	1,867.80	7,963.17	1,926.69	10,701.5	10,062.5	1.69	-0.40	0.193
45.00	-53.66	-25.09	0.00	-1,739.41	0.00	1,739.41	7,949.84	1,922.21	10,651.8	10,022.0	2.13	-0.45	0.180
50.00	-51.21	-24.51	0.00	-1,613.95	0.00	1,613.95	7,830.65	1,882.48	10,216.0	9,665.90	2.63	-0.50	0.174
55.00	-48.81	-23.92	0.00	-1,491.41	0.00	1,491.41	7,709.55	1,842.74	9,789.42	9,313.69	3.17	-0.54	0.167
60.00	-46.46	-23.32	0.00	-1,371.81	0.00	1,371.81	7,586.54	1,803.01	9,371.87	8,965.60	3.77	-0.59	0.159
65.00	-44.15	-22.72	0.00	-1,255.21	0.00	1,255.21	7,461.63	1,763.27	8,963.42	8,621.78	4.40	-0.63	0.152
70.00	-41.90	-22.12	0.00	-1,141.60	0.00	1,141.60	7,296.33	1,723.54	8,564.07	8,238.91	5.09	-0.67	0.144
75.00	-39.45	-21.24	0.00	-1,031.02	0.00	1,031.02	7,128.12	1,683.81	8,173.82	7,861.55	5.82	-0.71	0.137
80.00	-35.54	-20.78	0.00	-924.81	0.00	924.81	6,959.92	1,644.07	7,792.67	7,493.02	6.58	-0.75	0.129
82.00	-33.99	-20.46	0.00	-883.25	0.00	883.25	6,155.27	1,476.86	7,073.91	6,705.43	6.90	-0.77	0.137
85.00	-32.83	-19.98	0.00	-821.87	0.00	821.87	6,090.51	1,455.67	6,872.39	6,538.79	7.40	-0.79	0.131
90.00	-30.94	-19.36	0.00	-721.99	0.00	721.99	5,981.05	1,420.35	6,543.00	6,264.00	8.25	-0.83	0.121
95.00	-29.08	-18.75	0.00	-625.18	0.00	625.18	5,863.32	1,385.04	6,221.70	5,986.52	9.14	-0.87	0.110
100.00	-27.27	-18.15	0.00	-531.42	0.00	531.42	5,713.80	1,349.72	5,908.48	5,683.62	10.06	-0.90	0.098
105.00	-25.50	-17.66	0.00	-440.69	0.00	440.69	5,564.29	1,314.40	5,603.36	5,388.58	11.02	-0.93	0.087
108.00	-24.24	-17.17	0.00	-387.72	0.00	387.72	5,474.58	1,293.21	5,424.16	5,215.33	11.61	-0.95	0.079
108.80	-23.94	-16.97	0.00	-373.99	0.00	373.99	5,450.65	1,287.56	5,376.87	5,169.61	11.77	-0.95	0.077
110.00	-23.53	-16.62	0.00	-353.62	0.00	353.62	5,414.77	1,279.08	5,306.32	5,101.41	12.01	-0.96	0.074
115.00	-21.85	-16.03	0.00	-270.54	0.00	270.54	5,265.26	1,243.76	5,017.37	4,822.10	13.03	-0.98	0.060
120.00	-15.99	-11.83	0.00	-190.41	0.00	190.41	5,115.74	1,208.44	4,736.51	4,550.65	14.07	-1.00	0.045
125.00	-13.61	-11.48	0.00	-131.25	0.00	131.25	4,966.23	1,173.12	4,463.74	4,287.07	15.12	-1.01	0.033
125.50	-13.38	-11.20	0.00	-125.51	0.00	125.51	2,860.49	745.14	2,881.01	2,520.88	15.23	-1.01	0.055
130.00	-8.07	-6.45	0.00	-75.10	0.00	75.10	2,812.39	725.27	2,729.45	2,411.94	16.19	-1.02	0.034
135.00	-7.23	-5.90	0.00	-42.84	0.00	42.84	2,757.14	703.20	2,565.85	2,292.05	17.27	-1.03	0.021
140.00	-6.40	-5.56	0.00	-13.36	0.00	13.36	2,699.99	681.12	2,407.30	2,173.54	18.35	-1.04	0.009
141.00	-1.61	-1.10	0.00	-7.79	0.00	7.79	2,688.33	676.71	2,376.20	2,150.02	18.57	-1.04	0.004
145.00	-0.99	-0.63	0.00	-3.38	0.00	3.38	2,640.93	659.05	2,253.82	2,056.55	19.44	-1.04	0.002
150.00	0.00	-0.61	0.00	-0.22	0.00	0.22	2,579.97	636.97	2,105.39	1,941.24	20.52	-1.04	0.000

Site Number: 302527 Code: ANSI/TIA-222-H

Site Name: East Haddam, CT Engineering Number: 13668835_C3_01 5/6/2021 8:41:05 PM

Customer: VERIZON WIRELESS

Load Case: 0.9D + 1.0W — 123 mph with No Ice (Reduced DL) — 17 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		307.6	0.0					0.0	0.0	307.6	0.0	0.0	0.0
5.00		609.8	1,941.1					0.0	20.8	609.8	1,961.9	0.0	0.0
10.00		598.9	1,906.4					0.0	20.8	598.9	1,927.2	0.0	0.0
15.00		588.0	1,871.7					0.0	165.7	588.0	2,037.4	0.0	0.0
20.00		577.1	1,837.1					0.0	165.7	577.1	2,002.7	0.0	0.0
25.00		566.2	1,802.4					0.0	165.7	566.2	1,968.1	0.0	0.0
30.00		561.9	1,767.7					0.0	165.7	561.9	1,933.4	0.0	0.0
35.00		395.9	1,733.1					0.0	165.7	395.9	1,898.7	0.0	0.0
37.00	Bot - Section 2	290.5	683.5					0.0	66.3	290.5	749.8	0.0	0.0
40.00		473.4	2,048.2					0.0	99.4	473.4	2,147.6	0.0	0.0
45.00	Top - Section 1	597.9	3,358.2					0.0	165.7	597.9	3,523.9	0.0	0.0
50.00		603.6	1,659.8					0.0	165.7	603.6	1,825.5	0.0	0.0
55.00		607.3	1,625.1					0.0	165.7	607.3	1,790.8	0.0	0.0
60.00		609.3	1,590.5					0.0	165.7	609.3	1,756.2	0.0	0.0
65.00		609.8	1,555.8					0.0	165.7	609.8	1,721.5	0.0	0.0
70.00		609.0	1,521.1					0.0	165.7	609.0	1,686.8	0.0	0.0
75.00	Bot - Section 3	612.6	1,486.5	260.6	0.0	0.0	177.8	0.0	165.7	873.2	1,829.9	0.0	0.0
80.00		431.4	2,768.1					0.0	165.0	431.4	2,933.1	0.0	0.0
82.00	Top - Section 2	306.7	1,088.9					0.0	66.0	306.7	1,154.9	0.0	0.0
85.00		488.3	767.6					0.0	99.0	488.3	866.6	0.0	0.0
90.00		606.4	1,254.7					0.0	165.0	606.4	1,419.7	0.0	0.0
95.00		600.7	1,223.9					0.0	165.0	600.7	1,388.9	0.0	0.0
100.00		594.2	1,193.0					0.0	165.0	594.2	1,358.1	0.0	0.0
105.00		470.8	1,162.2					0.0	165.0	470.8	1,327.2	0.0	0.0
108.00	Appurtenance(s)	221.9	682.5	253.1	0.0	0.0	168.8	0.0	99.0	475.0	950.3	0.0	0.0
108.80		116.1	180.1					0.0	26.4	116.1	206.5	0.0	0.0
110.00		357.0	268.7					0.0	39.2	357.0	308.0	0.0	0.0
115.00		570.4	1,100.6					0.0	163.5	570.4	1,264.1	0.0	0.0
120.00	Bot - Section 4	565.1	1,069.8	3,530.6	0.0	0.0	3,217.7	0.0	163.5	4,095.8	4,451.0	0.0	0.0
125.00		310.1	1,700.7					0.0	81.7	310.1	1,782.4	0.0	0.0
125.50	Top - Section 3	277.2	167.3					0.0	7.5	277.2	174.8	0.0	0.0
130.00	Appurtenance(s)	521.2	577.3	4,137.2	0.0	0.0	3,400.8	0.0	67.5	4,658.3	4,045.7	0.0	0.0
135.00		538.3	623.2					0.0	19.0	538.3	642.2	0.0	0.0
140.00		319.0	603.9					0.0	19.0	319.0	622.9	0.0	0.0
141.00	Appurtenance(s)	260.6	118.5	4,111.7	0.0	0.0	3,531.1	0.0	3.8	4,372.3	3,653.4	0.0	0.0
145.00		462.6	466.2					0.0	1.2	462.6	467.4	0.0	0.0
150.00	Appurtenance(s)	254.6	565.4	278.0	0.0	0.0	168.8	0.0	1.5	532.6	735.6	0.0	0.0
								Totals:		30,062.8	60,514.3	0.00	0.00

Site Number: 302527 Code: ANSI/TIA-222-H

Site Name: East Haddam, CT Engineering Number: 13668835_C3_01 5/6/2021 8:41:07 PM

Customer: VERIZON WIRELESS

Load Case: 0.9D + 1.0W 123 mph with No Ice (Reduced DL) 17 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	-60.54	-29.93	0.00	-2,978.20	0.00	2,978.20	8,846.41	2,244.56	14,523.3	13,039.5	0.00	0.00	0.235
5.00	-58.55	-29.37	0.00	-2,828.54	0.00	2,828.54	8,742.67	2,204.83	14,013.8	12,656.7	0.03	-0.05	0.230
10.00	-56.60	-28.82	0.00	-2,681.67	0.00	2,681.67	8,637.03	2,165.09	13,513.3	12,276.7	0.11	-0.10	0.225
15.00	-54.54	-28.28	0.00	-2,537.56	0.00	2,537.56	8,529.48	2,125.36	13,021.9	11,899.5	0.24	-0.15	0.220
20.00	-52.51	-27.74	0.00	-2,396.18	0.00	2,396.18	8,420.03	2,085.63	12,539.6	11,525.4	0.42	-0.20	0.214
25.00	-50.52	-27.21	0.00	-2,257.48	0.00	2,257.48	8,308.67	2,045.89	12,066.5	11,154.5	0.66	-0.25	0.209
30.00	-48.57	-26.68	0.00	-2,121.44	0.00	2,121.44	8,195.41	2,006.16	11,602.4	10,786.9	0.95	-0.30	0.203
35.00	-46.66	-26.30	0.00	-1,988.04	0.00	1,988.04	8,080.25	1,966.43	11,147.4	10,422.9	1.29	-0.35	0.197
37.00	-45.90	-26.03	0.00	-1,935.44	0.00	1,935.44	8,033.65	1,950.53	10,968.0	10,278.3	1.44	-0.37	0.194
40.00	-43.74	-25.57	0.00	-1,857.36	0.00	1,857.36	7,963.17	1,926.69	10,701.5	10,062.5	1.68	-0.40	0.190
45.00	-40.20	-24.98	0.00	-1,729.52	0.00	1,729.52	7,949.84	1,922.21	10,651.8	10,022.0	2.12	-0.45	0.178
50.00	-38.36	-24.39	0.00	-1,604.63	0.00	1,604.63	7,830.65	1,882.48	10,216.0	9,665.90	2.62	-0.49	0.171
55.00	-36.55	-23.80	0.00	-1,482.68	0.00	1,482.68	7,709.55	1,842.74	9,789.42	9,313.69	3.16	-0.54	0.164
60.00	-34.79	-23.20	0.00	-1,363.70	0.00	1,363.70	7,586.54	1,803.01	9,371.87	8,965.60	3.75	-0.58	0.157
65.00	-33.05	-22.59	0.00	-1,247.72	0.00	1,247.72	7,461.63	1,763.27	8,963.42	8,621.78	4.38	-0.63	0.149
70.00	-31.36	-21.99	0.00	-1,134.76	0.00	1,134.76	7,296.33	1,723.54	8,564.07	8,238.91	5.06	-0.67	0.142
75.00	-29.52	-21.11	0.00	-1,024.82	0.00	1,024.82	7,128.12	1,683.81	8,173.82	7,861.55	5.79	-0.71	0.135
80.00	-26.59	-20.66	0.00	-919.26	0.00	919.26	6,959.92	1,644.07	7,792.67	7,493.02	6.55	-0.75	0.127
82.00	-25.43	-20.34	0.00	-877.95	0.00	877.95	6,155.27	1,476.86	7,073.91	6,705.43	6.87	-0.77	0.135
85.00	-24.56	-19.86	0.00	-816.92	0.00	816.92	6,090.51	1,455.67	6,872.39	6,538.79	7.36	-0.79	0.129
90.00	-23.13	-19.25	0.00	-717.63	0.00	717.63	5,981.05	1,420.35	6,543.00	6,264.00	8.20	-0.83	0.119
95.00	-21.74	-18.64	0.00	-621.41	0.00	621.41	5,863.32	1,385.04	6,221.70	5,986.52	9.09	-0.86	0.108
100.00	-20.39	-18.03	0.00	-528.22	0.00	528.22	5,713.80	1,349.72	5,908.48	5,683.62	10.01	-0.90	0.097
105.00	-19.06	-17.55	0.00	-438.06	0.00	438.06	5,564.29	1,314.40	5,603.36	5,388.58	10.96	-0.93	0.085
108.00	-18.11	-17.06	0.00	-385.41	0.00	385.41	5,474.58	1,293.21	5,424.16	5,215.33	11.55	-0.94	0.077
108.80	-17.89	-16.87	0.00	-371.76	0.00	371.76	5,450.65	1,287.56	5,376.87	5,169.61	11.71	-0.95	0.075
110.00	-17.58	-16.51	0.00	-351.51	0.00	351.51	5,414.77	1,279.08	5,306.32	5,101.41	11.95	-0.95	0.072
115.00	-16.32	-15.93	0.00	-268.94	0.00	268.94	5,265.26	1,243.76	5,017.37	4,822.10	12.96	-0.98	0.059
120.00	-11.94	-11.76	0.00	-189.30	0.00	189.30	5,115.74	1,208.44	4,736.51	4,550.65	13.99	-0.99	0.044
125.00	-10.16	-11.42	0.00	-130.50	0.00	130.50	4,966.23	1,173.12	4,463.74	4,287.07	15.04	-1.01	0.033
125.50	-9.99	-11.14	0.00	-124.79	0.00	124.79	2,860.49	745.14	2,881.01	2,520.88	15.15	-1.01	0.053
130.00	-6.03	-6.41	0.00	-74.66	0.00	74.66	2,812.39	725.27	2,729.45	2,411.94	16.10	-1.02	0.033
135.00	-5.39	-5.86	0.00	-42.59	0.00	42.59	2,757.14	703.20	2,565.85	2,292.05	17.17	-1.03	0.021
140.00	-4.78	-5.53	0.00	-13.27	0.00	13.27	2,699.99	681.12	2,407.30	2,173.54	18.25	-1.03	0.008
141.00	-1.20	-1.10	0.00	-7.74	0.00	7.74	2,688.33	676.71	2,376.20	2,150.02	18.47	-1.03	0.004
145.00	-0.74	-0.63	0.00	-3.35	0.00	3.35	2,640.93	659.05	2,253.82	2,056.55	19.33	-1.03	0.002
150.00	0.00	-0.61	0.00	-0.22	0.00	0.22	2,579.97	636.97	2,105.39	1,941.24	20.41	-1.03	0.000

Site Number: 302527 Code: ANSI/TIA-222-H

Site Name: East Haddam, CT Engineering Number: 13668835_C3_01 5/6/2021 8:41:08 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.00 in Radial Ice 17 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

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		85.3	0.0					0.0	0.0	85.3	0.0	0.0	0.0
5.00		169.4	2,935.2					0.0	27.7	169.4	2,962.9	0.0	0.0
10.00		166.8	2,922.9					0.0	27.7	166.8	2,950.6	0.0	0.0
15.00		164.0	2,889.7					0.0	220.9	164.0	3,110.6	0.0	0.0
20.00		161.1	2,849.7					0.0	220.9	161.1	3,070.6	0.0	0.0
25.00		158.3	2,806.1					0.0	220.9	158.3	3,027.0	0.0	0.0
30.00		157.2	2,760.4					0.0	220.9	157.2	2,981.3	0.0	0.0
35.00		110.9	2,713.1					0.0	220.9	110.9	2,934.0	0.0	0.0
37.00	Bot - Section 2	81.4	1,072.7					0.0	88.4	81.4	1,161.1	0.0	0.0
40.00		132.7	2,976.0					0.0	132.6	132.7	3,108.5	0.0	0.0
45.00	Top - Section 1	167.7	4,882.0					0.0	220.9	167.7	5,102.9	0.0	0.0
50.00		169.5	2,613.8					0.0	220.9	169.5	2,834.8	0.0	0.0
55.00		170.7	2,563.4					0.0	220.9	170.7	2,784.3	0.0	0.0
60.00		171.5	2,512.5					0.0	220.9	171.5	2,733.4	0.0	0.0
65.00		171.8	2,461.1					0.0	220.9	171.8	2,682.0	0.0	0.0
70.00		171.7	2,409.4					0.0	220.9	171.7	2,630.3	0.0	0.0
75.00	Bot - Section 3	172.9	2,357.3	57.0	0.0	0.0	314.6	0.0	220.9	229.9	2,892.9	0.0	0.0
80.00		121.8	4,066.9					0.0	220.0	121.8	4,287.0	0.0	0.0
82.00	Top - Section 2	86.7	1,601.6					0.0	88.0	86.7	1,689.6	0.0	0.0
85.00		138.1	1,245.6					0.0	132.0	138.1	1,377.6	0.0	0.0
90.00		171.7	2,036.2					0.0	220.0	171.7	2,256.2	0.0	0.0
95.00		170.3	1,988.4					0.0	220.0	170.3	2,208.4	0.0	0.0
100.00		168.7	1,940.3					0.0	220.0	168.7	2,160.3	0.0	0.0
105.00		133.8	1,892.1					0.0	220.0	133.8	2,112.2	0.0	0.0
108.00	Appurtenance(s)	63.1	1,113.1	55.2	0.0	0.0	291.9	0.0	132.0	118.3	1,537.0	0.0	0.0
108.80		33.0	294.2					0.0	35.2	33.0	329.4	0.0	0.0
110.00		101.7	438.9					0.0	52.3	101.7	491.2	0.0	0.0
115.00		162.6	1,795.3					0.0	218.0	162.6	2,013.3	0.0	0.0
120.00	Bot - Section 4	161.3	1,746.6	769.4	0.0	0.0	6,477.8	0.0	218.0	930.7	8,442.4	0.0	0.0
125.00		88.6	2,584.6					0.0	108.9	88.6	2,693.5	0.0	0.0
125.50	Top - Section 3	79.3	254.8					0.0	10.0	79.3	264.8	0.0	0.0
130.00	Appurtenance(s)	149.2	1,048.1	875.7	0.0	0.0	6,843.2	0.0	90.0	1,024.9	7,981.3	0.0	0.0
135.00		154.4	1,132.2					0.0	25.4	154.4	1,157.6	0.0	0.0
140.00		91.6	1,098.5					0.0	25.4	91.6	1,123.9	0.0	0.0
141.00	Appurtenance(s)	74.9	216.4	844.6	0.0	0.0	6,910.1	0.0	5.1	919.5	7,131.6	0.0	0.0
145.00		133.2	849.8					0.0	1.6	133.2	851.4	0.0	0.0
150.00	Appurtenance(s)	73.4	1,030.8	61.1	0.0	0.0	294.7	0.0	2.0	134.5	1,327.5	0.0	0.0
								Totals:		7,603.24	98,403.4	0.00	0.00

Site Number: 302527 Code: ANSI/TIA-222-H

Site Name: East Haddam, CT Engineering Number: 13668835_C3_01 5/6/2021 8:41:10 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.00 in Radial Ice 17 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	-98.50	-7.58	0.00	-733.99	0.00	733.99	8,846.41	2,244.56	14,523.3	13,039.5	0.00	0.00	0.067
5.00	-95.54	-7.43	0.00	-696.09	0.00	696.09	8,742.67	2,204.83	14,013.8	12,656.7	0.01	-0.01	0.066
10.00	-92.59	-7.28	0.00	-658.94	0.00	658.94	8,637.03	2,165.09	13,513.3	12,276.7	0.03	-0.02	0.064
15.00	-89.47	-7.14	0.00	-622.54	0.00	622.54	8,529.48	2,125.36	13,021.9	11,899.5	0.06	-0.04	0.063
20.00	-86.40	-6.99	0.00	-586.86	0.00	586.86	8,420.03	2,085.63	12,539.6	11,525.4	0.10	-0.05	0.061
25.00	-83.37	-6.85	0.00	-551.91	0.00	551.91	8,308.67	2,045.89	12,066.5	11,154.5	0.16	-0.06	0.060
30.00	-80.39	-6.70	0.00	-517.68	0.00	517.68	8,195.41	2,006.16	11,602.4	10,786.9	0.23	-0.07	0.058
35.00	-77.46	-6.60	0.00	-484.17	0.00	484.17	8,080.25	1,966.43	11,147.4	10,422.9	0.32	-0.09	0.056
37.00	-76.30	-6.52	0.00	-470.97	0.00	470.97	8,033.65	1,950.53	10,968.0	10,278.3	0.35	-0.09	0.055
40.00	-73.19	-6.40	0.00	-451.40	0.00	451.40	7,963.17	1,926.69	10,701.5	10,062.5	0.41	-0.10	0.054
45.00	-68.08	-6.24	0.00	-419.40	0.00	419.40	7,949.84	1,922.21	10,651.8	10,022.0	0.52	-0.11	0.050
50.00	-65.25	-6.07	0.00	-388.23	0.00	388.23	7,830.65	1,882.48	10,216.0	9,665.90	0.64	-0.12	0.049
55.00	-62.46	-5.91	0.00	-357.86	0.00	357.86	7,709.55	1,842.74	9,789.42	9,313.69	0.77	-0.13	0.047
60.00	-59.73	-5.74	0.00	-328.32	0.00	328.32	7,586.54	1,803.01	9,371.87	8,965.60	0.92	-0.14	0.045
65.00	-57.04	-5.57	0.00	-299.62	0.00	299.62	7,461.63	1,763.27	8,963.42	8,621.78	1.07	-0.15	0.042
70.00	-54.41	-5.40	0.00	-271.76	0.00	271.76	7,296.33	1,723.54	8,564.07	8,238.91	1.24	-0.16	0.040
75.00	-51.52	-5.17	0.00	-244.74	0.00	244.74	7,128.12	1,683.81	8,173.82	7,861.55	1.41	-0.17	0.038
80.00	-47.23	-5.04	0.00	-218.88	0.00	218.88	6,959.92	1,644.07	7,792.67	7,493.02	1.60	-0.18	0.036
82.00	-45.54	-4.95	0.00	-208.79	0.00	208.79	6,155.27	1,476.86	7,073.91	6,705.43	1.68	-0.19	0.039
85.00	-44.17	-4.82	0.00	-193.93	0.00	193.93	6,090.51	1,455.67	6,872.39	6,538.79	1.80	-0.19	0.037
90.00	-41.91	-4.64	0.00	-169.84	0.00	169.84	5,981.05	1,420.35	6,543.00	6,264.00	2.00	-0.20	0.034
95.00	-39.70	-4.47	0.00	-146.61	0.00	146.61	5,863.32	1,385.04	6,221.70	5,986.52	2.22	-0.21	0.031
100.00	-37.54	-4.30	0.00	-124.25	0.00	124.25	5,713.80	1,349.72	5,908.48	5,683.62	2.44	-0.22	0.028
105.00	-35.43	-4.16	0.00	-102.75	0.00	102.75	5,564.29	1,314.40	5,603.36	5,388.58	2.67	-0.22	0.025
108.00	-33.89	-4.04	0.00	-90.27	0.00	90.27	5,474.58	1,293.21	5,424.16	5,215.33	2.81	-0.23	0.024
108.80	-33.51	-3.98	0.00	-87.03	0.00	87.03	5,450.65	1,287.56	5,376.87	5,169.61	2.85	-0.23	0.023
110.00	-33.02	-3.88	0.00	-82.26	0.00	82.26	5,414.77	1,279.08	5,306.32	5,101.41	2.91	-0.23	0.022
115.00	-31.01	-3.71	0.00	-62.86	0.00	62.86	5,265.26	1,243.76	5,017.37	4,822.10	3.15	-0.24	0.019
120.00	-22.57	-2.75	0.00	-44.30	0.00	44.30	5,115.74	1,208.44	4,736.51	4,550.65	3.40	-0.24	0.014
125.00	-19.88	-2.65	0.00	-30.56	0.00	30.56	4,966.23	1,173.12	4,463.74	4,287.07	3.65	-0.24	0.011
125.50	-19.61	-2.57	0.00	-29.24	0.00	29.24	2,860.49	745.14	2,881.01	2,520.88	3.68	-0.24	0.018
130.00	-11.64	-1.51	0.00	-17.68	0.00	17.68	2,812.39	725.27	2,729.45	2,411.94	3.91	-0.25	0.011
135.00	-10.48	-1.35	0.00	-10.13	0.00	10.13	2,757.14	703.20	2,565.85	2,292.05	4.17	-0.25	0.008
140.00	-9.36	-1.25	0.00	-3.38	0.00	3.38	2,699.99	681.12	2,407.30	2,173.54	4.43	-0.25	0.005
141.00	-2.23	-0.30	0.00	-2.13	0.00	2.13	2,688.33	676.71	2,376.20	2,150.02	4.48	-0.25	0.002
145.00	-1.38	-0.17	0.00	-0.91	0.00	0.91	2,640.93	659.05	2,253.82	2,056.55	4.69	-0.25	0.001
150.00	0.00	-0.16	0.00	-0.07	0.00	0.07	2,579.97	636.97	2,105.39	1,941.24	4.95	-0.25	0.000

Site Number: 302527 Code: ANSI/TIA-222-H

Site Name: East Haddam, CT Engineering Number: 13668835_C3_01 5/6/2021 8:41:10 PM

Customer: VERIZON WIRELESS

Load Case: 1.0D + 1.0W Serviceability 60 mph 16 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.00
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		65.5	0.0					0.0	0.0	65.5	0.0	0.0	0.0
5.00		129.8	2,156.7					0.0	23.1	129.8	2,179.8	0.0	0.0
10.00		127.5	2,118.2					0.0	23.1	127.5	2,141.3	0.0	0.0
15.00		125.2	2,079.7					0.0	184.1	125.2	2,263.8	0.0	0.0
20.00		122.9	2,041.2					0.0	184.1	122.9	2,225.3	0.0	0.0
25.00		120.6	2,002.7					0.0	184.1	120.6	2,186.8	0.0	0.0
30.00		119.6	1,964.1					0.0	184.1	119.6	2,148.2	0.0	0.0
35.00		84.3	1,925.6					0.0	184.1	84.3	2,109.7	0.0	0.0
37.00	Bot - Section 2	61.9	759.5					0.0	73.6	61.9	833.1	0.0	0.0
40.00		100.8	2,275.8					0.0	110.5	100.8	2,386.2	0.0	0.0
45.00	Top - Section 1	127.3	3,731.3					0.0	184.1	127.3	3,915.4	0.0	0.0
50.00		128.5	1,844.2					0.0	184.1	128.5	2,028.3	0.0	0.0
55.00		129.3	1,805.7					0.0	184.1	129.3	1,989.8	0.0	0.0
60.00		129.7	1,767.2					0.0	184.1	129.7	1,951.3	0.0	0.0
65.00		129.8	1,728.7					0.0	184.1	129.8	1,912.8	0.0	0.0
70.00		129.7	1,690.2					0.0	184.1	129.7	1,874.3	0.0	0.0
75.00	Bot - Section 3	130.4	1,651.6	55.5	0.0	0.0	197.5	0.0	184.1	185.9	2,033.2	0.0	0.0
80.00		91.8	3,075.7					0.0	183.3	91.8	3,259.0	0.0	0.0
82.00	Top - Section 2	65.3	1,209.9					0.0	73.3	65.3	1,283.2	0.0	0.0
85.00		104.0	852.9					0.0	110.0	104.0	962.9	0.0	0.0
90.00		129.1	1,394.1					0.0	183.3	129.1	1,577.4	0.0	0.0
95.00		127.9	1,359.8					0.0	183.3	127.9	1,543.2	0.0	0.0
100.00		126.5	1,325.6					0.0	183.3	126.5	1,509.0	0.0	0.0
105.00		100.2	1,291.4					0.0	183.3	100.2	1,474.7	0.0	0.0
108.00	Appurtenance(s)	47.3	758.4	53.9	0.0	0.0	187.5	0.0	110.0	101.1	1,055.9	0.0	0.0
108.80		24.7	200.2					0.0	29.3	24.7	229.5	0.0	0.0
110.00		76.0	298.6					0.0	43.6	76.0	342.2	0.0	0.0
115.00		121.4	1,222.9					0.0	181.7	121.4	1,404.6	0.0	0.0
120.00	Bot - Section 4	120.3	1,188.6	751.7	0.0	0.0	3,575.2	0.0	181.7	872.0	4,945.5	0.0	0.0
125.00		66.0	1,889.6					0.0	90.8	66.0	1,980.4	0.0	0.0
125.50	Top - Section 3	59.0	185.9					0.0	8.3	59.0	194.2	0.0	0.0
130.00	Appurtenance(s)	111.0	641.5	880.8	0.0	0.0	3,778.7	0.0	75.0	991.8	4,495.2	0.0	0.0
135.00		114.6	692.4					0.0	21.2	114.6	713.6	0.0	0.0
140.00		67.9	671.0					0.0	21.2	67.9	692.2	0.0	0.0
141.00	Appurtenance(s)	55.5	131.6	875.4	0.0	0.0	3,923.5	0.0	4.2	930.9	4,059.4	0.0	0.0
145.00		98.5	518.0					0.0	1.3	98.5	519.3	0.0	0.0
150.00	Appurtenance(s)	54.2	628.2	59.2	0.0	0.0	187.5	0.0	1.7	113.4	817.4	0.0	0.0
								Totals:		6,400.56	67,238.1	0.00	0.00

Load Case: 1.0D + 1.0W Serviceability 60 mph 16 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	-67.28	-6.37	0.00	-634.89	0.00	634.89	8,846.41	2,244.56	14,523.3	13,039.5	0.00	0.00	0.056
5.00	-65.10	-6.25	0.00	-603.03	0.00	603.03	8,742.67	2,204.83	14,013.8	12,656.7	0.01	-0.01	0.055
10.00	-62.96	-6.14	0.00	-571.75	0.00	571.75	8,637.03	2,165.09	13,513.3	12,276.7	0.02	-0.02	0.054
15.00	-60.69	-6.02	0.00	-541.06	0.00	541.06	8,529.48	2,125.36	13,021.9	11,899.5	0.05	-0.03	0.053
20.00	-58.47	-5.91	0.00	-510.95	0.00	510.95	8,420.03	2,085.63	12,539.6	11,525.4	0.09	-0.04	0.051
25.00	-56.28	-5.80	0.00	-481.40	0.00	481.40	8,308.67	2,045.89	12,066.5	11,154.5	0.14	-0.05	0.050
30.00	-54.13	-5.69	0.00	-452.41	0.00	452.41	8,195.41	2,006.16	11,602.4	10,786.9	0.20	-0.06	0.049
35.00	-52.02	-5.61	0.00	-423.98	0.00	423.98	8,080.25	1,966.43	11,147.4	10,422.9	0.27	-0.07	0.047
37.00	-51.18	-5.55	0.00	-412.77	0.00	412.77	8,033.65	1,950.53	10,968.0	10,278.3	0.31	-0.08	0.047
40.00	-48.80	-5.45	0.00	-396.13	0.00	396.13	7,963.17	1,926.69	10,701.5	10,062.5	0.36	-0.08	0.046
45.00	-44.88	-5.33	0.00	-368.88	0.00	368.88	7,949.84	1,922.21	10,651.8	10,022.0	0.45	-0.10	0.042
50.00	-42.85	-5.20	0.00	-342.25	0.00	342.25	7,830.65	1,882.48	10,216.0	9,665.90	0.56	-0.11	0.041
55.00	-40.86	-5.07	0.00	-316.25	0.00	316.25	7,709.55	1,842.74	9,789.42	9,313.69	0.67	-0.12	0.039
60.00	-38.91	-4.95	0.00	-290.88	0.00	290.88	7,586.54	1,803.01	9,371.87	8,965.60	0.80	-0.12	0.038
65.00	-37.00	-4.82	0.00	-266.15	0.00	266.15	7,461.63	1,763.27	8,963.42	8,621.78	0.93	-0.13	0.036
70.00	-35.12	-4.69	0.00	-242.05	0.00	242.05	7,296.33	1,723.54	8,564.07	8,238.91	1.08	-0.14	0.034
75.00	-33.09	-4.50	0.00	-218.61	0.00	218.61	7,128.12	1,683.81	8,173.82	7,861.55	1.23	-0.15	0.032
80.00	-29.83	-4.41	0.00	-196.09	0.00	196.09	6,959.92	1,644.07	7,792.67	7,493.02	1.40	-0.16	0.030
82.00	-28.55	-4.34	0.00	-187.28	0.00	187.28	6,155.27	1,476.86	7,073.91	6,705.43	1.46	-0.16	0.033
85.00	-27.58	-4.24	0.00	-174.26	0.00	174.26	6,090.51	1,455.67	6,872.39	6,538.79	1.57	-0.17	0.031
90.00	-26.01	-4.11	0.00	-153.08	0.00	153.08	5,981.05	1,420.35	6,543.00	6,264.00	1.75	-0.18	0.029
95.00	-24.46	-3.98	0.00	-132.56	0.00	132.56	5,863.32	1,385.04	6,221.70	5,986.52	1.94	-0.18	0.026
100.00	-22.95	-3.85	0.00	-112.68	0.00	112.68	5,713.80	1,349.72	5,908.48	5,683.62	2.13	-0.19	0.024
105.00	-21.48	-3.74	0.00	-93.44	0.00	93.44	5,564.29	1,314.40	5,603.36	5,388.58	2.34	-0.20	0.021
108.00	-20.42	-3.64	0.00	-82.21	0.00	82.21	5,474.58	1,293.21	5,424.16	5,215.33	2.46	-0.20	0.020
108.80	-20.17	-3.60	0.00	-79.30	0.00	79.30	5,450.65	1,287.56	5,376.87	5,169.61	2.50	-0.20	0.019
110.00	-19.83	-3.52	0.00	-74.98	0.00	74.98	5,414.77	1,279.08	5,306.32	5,101.41	2.55	-0.20	0.018
115.00	-18.43	-3.40	0.00	-57.37	0.00	57.37	5,265.26	1,243.76	5,017.37	4,822.10	2.76	-0.21	0.015
120.00	-13.48	-2.51	0.00	-40.38	0.00	40.38	5,115.74	1,208.44	4,736.51	4,550.65	2.98	-0.21	0.012
125.00	-11.50	-2.44	0.00	-27.83	0.00	27.83	4,966.23	1,173.12	4,463.74	4,287.07	3.21	-0.21	0.009
125.50	-11.31	-2.38	0.00	-26.62	0.00	26.62	2,860.49	745.14	2,881.01	2,520.88	3.23	-0.22	0.015
130.00	-6.82	-1.37	0.00	-15.92	0.00	15.92	2,812.39	725.27	2,729.45	2,411.94	3.43	-0.22	0.009
135.00	-6.10	-1.25	0.00	-9.08	0.00	9.08	2,757.14	703.20	2,565.85	2,292.05	3.66	-0.22	0.006
140.00	-5.41	-1.18	0.00	-2.83	0.00	2.83	2,699.99	681.12	2,407.30	2,173.54	3.89	-0.22	0.003
141.00	-1.36	-0.23	0.00	-1.65	0.00	1.65	2,688.33	676.71	2,376.20	2,150.02	3.94	-0.22	0.001
145.00	-0.84	-0.13	0.00	-0.72	0.00	0.72	2,640.93	659.05	2,253.82	2,056.55	4.12	-0.22	0.001
150.00	0.00	-0.13	0.00	-0.05	0.00	0.05	2,579.97	636.97	2,105.39	1,941.24	4.35	-0.22	0.000

Equivalent Lateral Forces Method Analysis

Spectral Response Acceleration for Short Period (S_s):	0.21
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}):	0.22
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):	1.40
Redundancy Factor (p):	1.00
Seismic Force Distribution Exponent (k):	1.45
Total Unfactored Dead Load:	67.28 k
Seismic Base Shear (E):	2.81 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)
36	147.50	630	886	0.023	63	784
35	143.00	519	698	0.018	50	646
34	140.50	136	178	0.005	13	169
33	137.50	692	879	0.022	63	861
32	132.50	714	859	0.022	62	888
31	127.75	716	818	0.021	59	892
30	125.25	194	215	0.005	15	242
29	122.50	1,980	2,127	0.054	152	2,465
28	117.50	1,370	1,385	0.035	99	1,706
27	112.50	1,405	1,333	0.034	96	1,748
26	109.40	342	312	0.008	22	426
25	108.40	229	206	0.005	15	286
24	106.50	868	761	0.019	55	1,081
23	102.50	1,475	1,223	0.031	88	1,835
22	97.50	1,509	1,164	0.030	83	1,878
21	92.50	1,543	1,102	0.028	79	1,921
20	87.50	1,577	1,040	0.026	74	1,963
19	83.50	963	593	0.015	42	1,198
18	81.00	1,283	756	0.019	54	1,597
17	77.50	3,259	1,801	0.046	129	4,056
16	72.50	1,836	921	0.023	66	2,285
15	67.50	1,874	848	0.022	61	2,333
14	62.50	1,913	774	0.020	55	2,381
13	57.50	1,951	699	0.018	50	2,429
12	52.50	1,990	625	0.016	45	2,476

11	47.50	2,028	551	0.014	39	2,524
10	42.50	3,915	905	0.023	65	4,873
9	38.50	2,386	478	0.012	34	2,970
8	36.00	833	151	0.004	11	1,037
7	32.50	2,110	330	0.008	24	2,626
6	27.50	2,148	264	0.007	19	2,674
5	22.50	2,187	201	0.005	14	2,722
4	17.50	2,225	142	0.004	10	2,770
3	12.50	2,264	89	0.002	6	2,817
2	7.50	2,141	40	0.001	3	2,665
1	2.50	2,180	8	0.000	1	2,713
Telewave ANT450F6	150.00	21	30	0.001	2	26
Generic Flat Stand-O	150.00	188	270	0.007	19	233
Ericsson RRUS 4415 B	141.00	138	182	0.005	13	172
Ericsson Radio 4449	141.00	225	296	0.008	21	280
Ericsson 4424 B25	141.00	258	340	0.009	24	321
Ericsson Air6449 B41	141.00	312	411	0.010	29	388
RFS APX16DWV-16DWVS-	141.00	122	161	0.004	12	152
RFS APXVAALL24 43-U-	141.00	368	485	0.012	35	459
Generic Flat Platfor	141.00	2,500	3,293	0.084	236	3,111
Commscope CBC78T-DS-	130.00	62	73	0.002	5	77
Samsung B2/B66A RRH-	130.00	506	593	0.015	42	630
RFS APL868013-42T0	130.00	38	44	0.001	3	47
Commscope RC3DC-3315	130.00	64	75	0.002	5	80
Samsung MT6407-77A	130.00	245	287	0.007	21	305
Commscope JAHH-65B-R	130.00	364	426	0.011	30	453
Generic Flat Platfor	130.00	2,500	2,927	0.075	210	3,111
Powerwave Allgon LGP	120.00	85	88	0.002	6	105
Raycap DC6-48-60-18-	120.00	20	21	0.001	1	25
Raycap DC6-48-60-18-	120.00	32	33	0.001	2	40
Ericsson RRUS 4478 B	120.00	180	187	0.005	13	224
Ericsson RRUS 4415 B	120.00	138	144	0.004	10	172
Ericsson RRUS-11 190	120.00	132	138	0.004	10	164
Powerwave Allgon 777	120.00	105	109	0.003	8	131
Andrew SBNHH-1D65A (	120.00	34	35	0.001	3	42
Andrew DBXNH-6565B-R	120.00	46	48	0.001	3	58
KMW AM-X-CD-17-65-00	120.00	60	62	0.002	4	74
KMW EPBQ-654L8H6-L2	120.00	73	76	0.002	5	91
KMW EPBQ-654L8H8-L2	120.00	172	179	0.005	13	214
Generic Round Platfo	120.00	2,500	2,606	0.066	187	3,111
Telewave ANT450F6	108.80	21	19	0.000	1	26
Generic Flat Stand-O	108.00	188	168	0.004	12	233
Generic GPS	75.00	10	5	0.000	0	12
Generic Flat Stand-O	75.00	188	99	0.003	7	233
		67,280	39,272	1.000	2,813	83,736

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)
36	147.50	630	886	0.023	63	539
35	143.00	519	698	0.018	50	444
34	140.50	136	178	0.005	13	116
33	137.50	692	879	0.022	63	592
32	132.50	714	859	0.022	62	610
31	127.75	716	818	0.021	59	613
30	125.25	194	215	0.005	15	166
29	122.50	1,980	2,127	0.054	152	1,694
28	117.50	1,370	1,385	0.035	99	1,172
27	112.50	1,405	1,333	0.034	96	1,202
26	109.40	342	312	0.008	22	293

25	108.40	229	206	0.005	15	196
24	106.50	868	761	0.019	55	743
23	102.50	1,475	1,223	0.031	88	1,261
22	97.50	1,509	1,164	0.030	83	1,291
21	92.50	1,543	1,102	0.028	79	1,320
20	87.50	1,577	1,040	0.026	74	1,349
19	83.50	963	593	0.015	42	824
18	81.00	1,283	756	0.019	54	1,098
17	77.50	3,259	1,801	0.046	129	2,788
16	72.50	1,836	921	0.023	66	1,570
15	67.50	1,874	848	0.022	61	1,603
14	62.50	1,913	774	0.020	55	1,636
13	57.50	1,951	699	0.018	50	1,669
12	52.50	1,990	625	0.016	45	1,702
11	47.50	2,028	551	0.014	39	1,735
10	42.50	3,915	905	0.023	65	3,349
9	38.50	2,386	478	0.012	34	2,041
8	36.00	833	151	0.004	11	713
7	32.50	2,110	330	0.008	24	1,805
6	27.50	2,148	264	0.007	19	1,838
5	22.50	2,187	201	0.005	14	1,871
4	17.50	2,225	142	0.004	10	1,904
3	12.50	2,264	89	0.002	6	1,936
2	7.50	2,141	40	0.001	3	1,832
1	2.50	2,180	8	0.000	1	1,865
Telewave ANT450F6	150.00	21	30	0.001	2	18
Generic Flat Stand-O	150.00	188	270	0.007	19	160
Ericsson RRUS 4415 B	141.00	138	182	0.005	13	118
Ericsson Radio 4449	141.00	225	296	0.008	21	192
Ericsson 4424 B25	141.00	258	340	0.009	24	221
Ericsson Air6449 B41	141.00	312	411	0.010	29	267
RFS APX16DWV-16DWVS-	141.00	122	161	0.004	12	104
RFS APXVAALL24 43-U-	141.00	368	485	0.012	35	315
Generic Flat Platfor	141.00	2,500	3,293	0.084	236	2,139
Commscope CBC78T-DS-	130.00	62	73	0.002	5	53
Samsung B2/B66A RRH-	130.00	506	593	0.015	42	433
RFS APL868013-42T0	130.00	38	44	0.001	3	32
Commscope RC3DC-3315	130.00	64	75	0.002	5	55
Samsung MT6407-77A	130.00	245	287	0.007	21	209
Commscope JAHH-65B-R	130.00	364	426	0.011	30	311
Generic Flat Platfor	130.00	2,500	2,927	0.075	210	2,139
Powerwave Allgon LGP	120.00	85	88	0.002	6	72
Raycap DC6-48-60-18-	120.00	20	21	0.001	1	17
Raycap DC6-48-60-18-	120.00	32	33	0.001	2	27
Ericsson RRUS 4478 B	120.00	180	187	0.005	13	154
Ericsson RRUS 4415 B	120.00	138	144	0.004	10	118
Ericsson RRUS-11 190	120.00	132	138	0.004	10	113
Powerwave Allgon 777	120.00	105	109	0.003	8	90
Andrew SBNHH-1D65A (	120.00	34	35	0.001	3	29
Andrew DBXNH-6565B-R	120.00	46	48	0.001	3	40
KMW AM-X-CD-17-65-00	120.00	60	62	0.002	4	51
KMW EPBQ-654L8H6-L2	120.00	73	76	0.002	5	62
KMW EPBQ-654L8H8-L2	120.00	172	179	0.005	13	147
Generic Round Platfo	120.00	2,500	2,606	0.066	187	2,139
Telewave ANT450F6	108.80	21	19	0.000	1	18
Generic Flat Stand-O	108.00	188	168	0.004	12	160
Generic GPS	75.00	10	5	0.000	0	9
Generic Flat Stand-O	75.00	188	99	0.003	7	160
		67,280	39,272	1.000	2,813	57,552

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	-81.02	-2.82	0.00	-301.54	0.00	301.54	8,846.41	2,244.56	14,523.3	13,039.5	0.00	0.00	0.032
5.00	-78.36	-2.82	0.00	-287.46	0.00	287.46	8,742.67	2,204.83	14,013.8	12,656.7	0.00	-0.01	0.032
10.00	-75.54	-2.82	0.00	-273.37	0.00	273.37	8,637.03	2,165.09	13,513.3	12,276.7	0.01	-0.01	0.031
15.00	-72.77	-2.82	0.00	-259.27	0.00	259.27	8,529.48	2,125.36	13,021.9	11,899.5	0.02	-0.02	0.030
20.00	-70.05	-2.81	0.00	-245.19	0.00	245.19	8,420.03	2,085.63	12,539.6	11,525.4	0.04	-0.02	0.030
25.00	-67.37	-2.79	0.00	-231.16	0.00	231.16	8,308.67	2,045.89	12,066.5	11,154.5	0.07	-0.03	0.029
30.00	-64.75	-2.77	0.00	-217.20	0.00	217.20	8,195.41	2,006.16	11,602.4	10,786.9	0.10	-0.03	0.028
35.00	-63.71	-2.77	0.00	-203.34	0.00	203.34	8,080.25	1,966.43	11,147.4	10,422.9	0.13	-0.04	0.027
37.00	-60.74	-2.73	0.00	-197.81	0.00	197.81	8,033.65	1,950.53	10,968.0	10,278.3	0.15	-0.04	0.027
40.00	-55.87	-2.67	0.00	-189.61	0.00	189.61	7,963.17	1,926.69	10,701.5	10,062.5	0.17	-0.04	0.026
45.00	-53.34	-2.63	0.00	-176.27	0.00	176.27	7,949.84	1,922.21	10,651.8	10,022.0	0.22	-0.05	0.024
50.00	-50.87	-2.59	0.00	-163.12	0.00	163.12	7,830.65	1,882.48	10,216.0	9,665.90	0.27	-0.05	0.023
55.00	-48.44	-2.54	0.00	-150.17	0.00	150.17	7,709.55	1,842.74	9,789.42	9,313.69	0.32	-0.06	0.022
60.00	-46.06	-2.49	0.00	-137.47	0.00	137.47	7,586.54	1,803.01	9,371.87	8,965.60	0.38	-0.06	0.021
65.00	-43.72	-2.43	0.00	-125.05	0.00	125.05	7,461.63	1,763.27	8,963.42	8,621.78	0.45	-0.06	0.020
70.00	-41.44	-2.36	0.00	-112.92	0.00	112.92	7,296.33	1,723.54	8,564.07	8,238.91	0.52	-0.07	0.019
75.00	-37.14	-2.22	0.00	-101.12	0.00	101.12	7,128.12	1,683.81	8,173.82	7,861.55	0.59	-0.07	0.018
80.00	-35.54	-2.17	0.00	-90.01	0.00	90.01	6,959.92	1,644.07	7,792.67	7,493.02	0.67	-0.08	0.017
82.00	-34.34	-2.12	0.00	-85.68	0.00	85.68	6,155.27	1,476.86	7,073.91	6,705.43	0.70	-0.08	0.018
85.00	-32.38	-2.05	0.00	-79.31	0.00	79.31	6,090.51	1,455.67	6,872.39	6,538.79	0.75	-0.08	0.017
90.00	-30.46	-1.97	0.00	-69.07	0.00	69.07	5,981.05	1,420.35	6,543.00	6,264.00	0.83	-0.08	0.016
95.00	-28.58	-1.88	0.00	-59.23	0.00	59.23	5,863.32	1,385.04	6,221.70	5,986.52	0.92	-0.09	0.015
100.00	-26.74	-1.79	0.00	-49.81	0.00	49.81	5,713.80	1,349.72	5,908.48	5,683.62	1.02	-0.09	0.013
105.00	-25.66	-1.74	0.00	-40.83	0.00	40.83	5,564.29	1,314.40	5,603.36	5,388.58	1.11	-0.09	0.012
108.00	-25.12	-1.71	0.00	-35.62	0.00	35.62	5,474.58	1,293.21	5,424.16	5,215.33	1.17	-0.09	0.011
108.80	-24.69	-1.69	0.00	-34.25	0.00	34.25	5,450.65	1,287.56	5,376.87	5,169.61	1.19	-0.09	0.011
110.00	-22.95	-1.59	0.00	-32.22	0.00	32.22	5,414.77	1,279.08	5,306.32	5,101.41	1.21	-0.10	0.011
115.00	-21.24	-1.49	0.00	-24.27	0.00	24.27	5,265.26	1,243.76	5,017.37	4,822.10	1.31	-0.10	0.009
120.00	-14.33	-1.06	0.00	-16.83	0.00	16.83	5,115.74	1,208.44	4,736.51	4,550.65	1.42	-0.10	0.006
125.00	-14.08	-1.04	0.00	-11.54	0.00	11.54	4,966.23	1,173.12	4,463.74	4,287.07	1.52	-0.10	0.006
125.50	-13.19	-0.98	0.00	-11.01	0.00	11.01	2,860.49	745.14	2,881.01	2,520.88	1.53	-0.10	0.009
130.00	-7.60	-0.59	0.00	-6.59	0.00	6.59	2,812.39	725.27	2,729.45	2,411.94	1.63	-0.10	0.005
135.00	-6.74	-0.53	0.00	-3.62	0.00	3.62	2,757.14	703.20	2,565.85	2,292.05	1.73	-0.10	0.004
140.00	-6.57	-0.52	0.00	-0.97	0.00	0.97	2,699.99	681.12	2,407.30	2,173.54	1.84	-0.10	0.003
141.00	-1.04	-0.09	0.00	-0.46	0.00	0.46	2,688.33	676.71	2,376.20	2,150.02	1.86	-0.10	0.001
145.00	-0.26	-0.02	0.00	-0.11	0.00	0.11	2,640.93	659.05	2,253.82	2,056.55	1.95	-0.10	0.000
150.00	0.00	-0.02	0.00	0.00	0.00	0.00	2,579.97	636.97	2,105.39	1,941.24	2.05	-0.10	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	-55.69	-2.81	0.00	-299.97	0.00	299.97	8,846.41	2,244.56	14,523.3	13,039.5	0.00	0.00	0.029
5.00	-53.86	-2.82	0.00	-285.89	0.00	285.89	8,742.67	2,204.83	14,013.8	12,656.7	0.00	-0.01	0.029
10.00	-51.92	-2.81	0.00	-271.81	0.00	271.81	8,637.03	2,165.09	13,513.3	12,276.7	0.01	-0.01	0.028
15.00	-50.02	-2.81	0.00	-257.74	0.00	257.74	8,529.48	2,125.36	13,021.9	11,899.5	0.02	-0.02	0.028
20.00	-48.14	-2.80	0.00	-243.70	0.00	243.70	8,420.03	2,085.63	12,539.6	11,525.4	0.04	-0.02	0.027
25.00	-46.31	-2.78	0.00	-229.72	0.00	229.72	8,308.67	2,045.89	12,066.5	11,154.5	0.07	-0.03	0.026
30.00	-44.50	-2.76	0.00	-215.81	0.00	215.81	8,195.41	2,006.16	11,602.4	10,786.9	0.10	-0.03	0.025
35.00	-43.79	-2.75	0.00	-202.00	0.00	202.00	8,080.25	1,966.43	11,147.4	10,422.9	0.13	-0.04	0.025
37.00	-41.75	-2.72	0.00	-196.50	0.00	196.50	8,033.65	1,950.53	10,968.0	10,278.3	0.15	-0.04	0.024
40.00	-38.40	-2.65	0.00	-188.34	0.00	188.34	7,963.17	1,926.69	10,701.5	10,062.5	0.17	-0.04	0.024
45.00	-36.66	-2.62	0.00	-175.07	0.00	175.07	7,949.84	1,922.21	10,651.8	10,022.0	0.22	-0.05	0.022
50.00	-34.96	-2.57	0.00	-161.98	0.00	161.98	7,830.65	1,882.48	10,216.0	9,665.90	0.27	-0.05	0.021
55.00	-33.29	-2.52	0.00	-149.12	0.00	149.12	7,709.55	1,842.74	9,789.42	9,313.69	0.32	-0.05	0.020
60.00	-31.65	-2.47	0.00	-136.49	0.00	136.49	7,586.54	1,803.01	9,371.87	8,965.60	0.38	-0.06	0.019
65.00	-30.05	-2.41	0.00	-124.14	0.00	124.14	7,461.63	1,763.27	8,963.42	8,621.78	0.44	-0.06	0.018
70.00	-28.48	-2.34	0.00	-112.09	0.00	112.09	7,296.33	1,723.54	8,564.07	8,238.91	0.51	-0.07	0.018
75.00	-25.52	-2.21	0.00	-100.37	0.00	100.37	7,128.12	1,683.81	8,173.82	7,861.55	0.59	-0.07	0.016
80.00	-24.43	-2.15	0.00	-89.35	0.00	89.35	6,959.92	1,644.07	7,792.67	7,493.02	0.66	-0.08	0.015
82.00	-23.60	-2.11	0.00	-85.04	0.00	85.04	6,155.27	1,476.86	7,073.91	6,705.43	0.70	-0.08	0.017
85.00	-22.25	-2.03	0.00	-78.72	0.00	78.72	6,090.51	1,455.67	6,872.39	6,538.79	0.74	-0.08	0.016
90.00	-20.93	-1.95	0.00	-68.55	0.00	68.55	5,981.05	1,420.35	6,543.00	6,264.00	0.83	-0.08	0.014
95.00	-19.64	-1.87	0.00	-58.78	0.00	58.78	5,863.32	1,385.04	6,221.70	5,986.52	0.92	-0.09	0.013
100.00	-18.38	-1.78	0.00	-49.43	0.00	49.43	5,713.80	1,349.72	5,908.48	5,683.62	1.01	-0.09	0.012
105.00	-17.64	-1.73	0.00	-40.53	0.00	40.53	5,564.29	1,314.40	5,603.36	5,388.58	1.11	-0.09	0.011
108.00	-17.26	-1.70	0.00	-35.35	0.00	35.35	5,474.58	1,293.21	5,424.16	5,215.33	1.16	-0.09	0.010
108.80	-16.97	-1.68	0.00	-33.99	0.00	33.99	5,450.65	1,287.56	5,376.87	5,169.61	1.18	-0.09	0.010
110.00	-15.77	-1.58	0.00	-31.98	0.00	31.98	5,414.77	1,279.08	5,306.32	5,101.41	1.20	-0.09	0.009
115.00	-14.60	-1.48	0.00	-24.09	0.00	24.09	5,265.26	1,243.76	5,017.37	4,822.10	1.30	-0.10	0.008
120.00	-9.85	-1.05	0.00	-16.70	0.00	16.70	5,115.74	1,208.44	4,736.51	4,550.65	1.41	-0.10	0.006
125.00	-9.68	-1.03	0.00	-11.45	0.00	11.45	4,966.23	1,173.12	4,463.74	4,287.07	1.51	-0.10	0.005
125.50	-9.07	-0.98	0.00	-10.93	0.00	10.93	2,860.49	745.14	2,881.01	2,520.88	1.52	-0.10	0.008
130.00	-5.22	-0.59	0.00	-6.55	0.00	6.55	2,812.39	725.27	2,729.45	2,411.94	1.61	-0.10	0.005
135.00	-4.63	-0.53	0.00	-3.60	0.00	3.60	2,757.14	703.20	2,565.85	2,292.05	1.72	-0.10	0.003
140.00	-4.52	-0.51	0.00	-0.97	0.00	0.97	2,699.99	681.12	2,407.30	2,173.54	1.83	-0.10	0.002
141.00	-0.72	-0.09	0.00	-0.45	0.00	0.45	2,688.33	676.71	2,376.20	2,150.02	1.85	-0.10	0.000
145.00	-0.18	-0.02	0.00	-0.11	0.00	0.11	2,640.93	659.05	2,253.82	2,056.55	1.93	-0.10	0.000
150.00	0.00	-0.02	0.00	0.00	0.00	0.00	2,579.97	636.97	2,105.39	1,941.24	2.04	-0.10	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	29.94	0.00	80.72	0.00	0.00	2991.06	0.00	0.24
0.9D + 1.0W	29.93	0.00	60.54	0.00	0.00	2978.20	0.00	0.24
1.2D + 1.0Di + 1.0Wi	7.58	0.00	98.50	0.00	0.00	733.99	0.00	0.07
1.2D + 1.0Ev + 1.0Eh	2.82	0.00	81.02	0.00	0.00	301.54	0.00	0.03
0.9D - 1.0Ev + 1.0Eh	2.81	0.00	55.69	0.00	0.00	299.97	0.00	0.03
1.0D + 1.0W	6.37	0.00	67.28	0.00	0.00	634.89	0.00	0.06

Base Plate & Anchor Rod Analysis

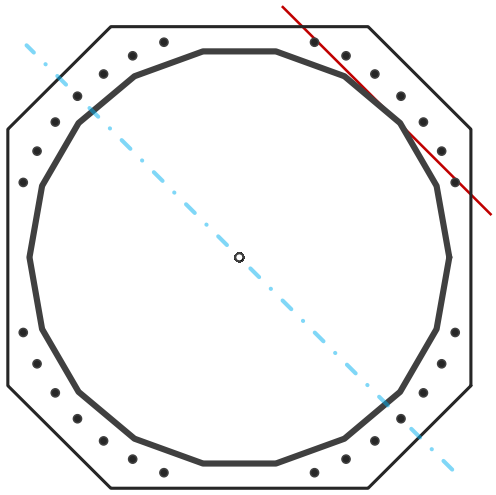
Pole Dimensions		
Number of Sides	18	-
Diameter	72.2	in
Thickness	9/16	in
Orientation Offset	0	°

Base Reactions		
Moment, Mu	2,991.1	k-ft
Axial, Pu	80.7	k
Shear, Vu	29.9	k
Neutral Axis	315	°

Report Capacities		
Component	Capacity	Result
Base Plate	15%	Pass
Anchor Rods	28%	Pass
Dwyidag	-	-

Base Plate		
Shape	Square	-
Width	81	in
Thickness	3 1/2	in
Grade	A572-55	
Yield Strength, Fy	55	ksi
Tensile Strength, Fu	70	ksi
Clip	18	in
Orientation Offset	0	°
Anchor Rod Detail	d	η=0.5
Clear Distance	3	in
Applied Moment, Mu	968.7	k
Bending Stress, ϕMn	6552.8	k

Original Anchor Rods		
Arrangement	Cluster	-
Quantity	28	-
Diameter, ø	2 1/4	in
Bolt Circle	80	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Spacing	6.0	in
Orientation Offset	0	°
Applied Force, Pu	67.0	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	29.9	2991.1	1.00
Anchor Rod Forces	29.9	2991.1	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	125.9522	6.9973	0.7409		80810.58
Bolt	3.9761	3.2477	0.8393	4.5	72771.75
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	Square	-
Width, W	81	in
Thickness, t	3.5	in
Yield Strength, Fy	55	ksi
Tensile Strength, Fu	70	ksi
Base Plate Chord	36.717	in
Detail Type	d	-
Detail Factor	0.50	-
Clear Distance	3	-

Anchor Rods		
Anchor Rod Quantity, N	28	-
Rod Diameter, d	2.25	in
Bolt Circle, BC	80	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	67.0	k
Applied Shear, Vu	0.3	k
Compressive Capacity, ϕPn	243.6	k
Tensile Capacity, ϕRnt	0.275	OK
Interaction Capacity	0.277	OK

External Base Plate		
Chord Length AA	42.226	in
Additional AA	1.000	in
Section Modulus, Z	132.381	in^3
Applied Moment, Mu	968.7	k-ft
Bending Capacity, ϕMn	6552.8	k-ft
Capacity, Mu/ϕMn	0.148	OK
Chord Length AB	41.111	in
Additional AB	1.000	in
Section Modulus, Z	128.964	in^3
Applied Moment, Mu	786.0	k-ft
Bending Capacity, ϕMn	6383.7	k-ft
Capacity, Mu/ϕMn	0.123	OK
Bend Line Length	0.000	in
Additional Bend Line	0.000	in
Section Modulus, Z	0.000	in^3
Applied Moment, Mu	0.0	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

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		

Site Name: East Haddam, CT
Site Number: 302527
Tower Type: MP
Design Loads (Factored) - Analysis per TIA-222-H Standards

Monolithic Mat & Pier Foundation Analysis

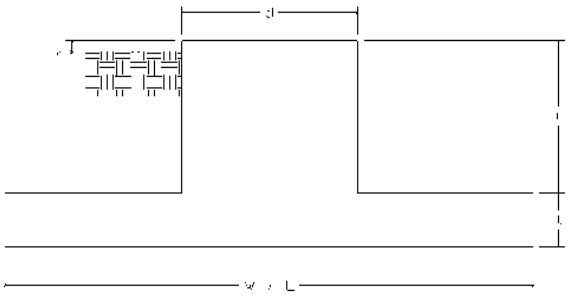
Foundation Analysis Parameters		
Design / Analysis / Mapping:	Analysis	-
Compression/Leg:	80.7	k
Uplift/Leg:	0.0	k
Total Shear:	29.9	k
Moment:	2,991.1	k-ft
Tower + Appurtenance Weight:	80.7	k
Depth to Base of Foundation (l + t - h):	4	ft
Diameter Base Plate (d):	6.75	ft
Length of Pier (l):	0	ft
Height of Pier above Ground (h):	0	ft
Width of Pad (W):	35	ft
Length of Pad (L):	35	ft
Thickness of Pad (t):	4.5	ft
Tower Leg Center to Center:	0	ft
Number of Tower Legs:	1	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	5	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	125	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	62.6	pcf
Friction Angle of Uplift:	30	°
Coefficient of Shear Friction:	0.6	-
Ultimate Compressive Bearing Pressure:	12,000	psf
Ultimate Passive Pressure on Pad Face:	0	psf
$f_{Soil\ and\ Concrete\ Weight}$:	0.9	-
f_{Soil}:	0.75	-

Foundation Steel Parameters		
Shear/Leg (Compression):	20.0	k
Shear/Leg (Uplift):	16.5	k
Concrete Strength (f'_c):	3,000	psi
Pad Tension Steel Depth:	50.38	in
Dead Load Factor:	0.9	-
f_{Shear}:	0.75	-
$f_{Flexure\ /\ Tension}$:	0.9	-
$f_{Compression:}$	0.65	-
b:	0.85	-
Bottom Pad Rebar Size #:	10	-
# of Bottom Pad Rebar:	47	-
Pad Bottom Steel Area:	59.69	in^2
Pad Steel F_y:	60,000	psi
Top Pad Rebar Size #:	10	-
# of Top Pad Rebar:	47	-
Pad Top Steel Area:	59.69	in^2

Overturning Moment Usage		
Design OTM:	3125.8	k-ft
OTM Resistance:	14291.9	k-ft
Design OTM / OTM Resistance:	22%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	1102	psf
Factored Nominal Bearing Pressure:	9000	psf
Factored Nominal (Net) Bearing Pressure:	12%	Pass
Load Direction Controling Design Bearing Pressure:	*Diagonal to Pad Edge*	

Sliding Factor of Safety		
Ultimate Friction Resistance:	536.5	k
Ultimate Passive Pressure Resistance:	0.0	k
Total Factored Sliding Resistance:	402.4	k
Sliding Design / Sliding Resistance:	7%	Pass



Pad Strength Capacity			
Factored One Way Shear (V_u):	252.8	k	
One Way Shear Capacity (fV_c):	1738.3	k	*ACI 318-14 25.5.5.1*
V_u / fV_c:	15%	Pass	
Load Direction Controling Shear Capacity:	*Parallel to Pad Edge*		
Lower Steel Pad Factored Moment (M_u):	2569.6	k-ft	
Lower Steel Pad Moment Capacity (fM_n):	13149.2	k-ft	*ACI 318-14 22.3.1.1*
M_u / fM_n:	20%	Pass	
Load Direction Controling Flexural Capacity:	*Parallel to Pad Edge*		
Upper Steel Pad Factored Moment (M_u):	773.9	k-ft	
Upper Steel Pad Moment Capacity (fM_n):	13149.2	k-ft	
M_u / fM_n:	6%	Pass	
Lower Pad Flexural Reinforcement Ratio:	0.0028		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Upper Pad Flexural Reinforcement Ratio:	0.0028		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Pad Shrinkage Reinforcement Ratio:	0.0056		*OK - ACI 318-14 24.4.3.2*
Lower Pad Reinforcement Spacing:	9.0	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Upper Pad Reinforcement Spacing:	9.0	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Ultimate Punching Shear Stress, v_u:	17.26	psi	*ACI 318-14 R8.4.4.2.3*
Nominal Punching Shear Capacity (f_cv_c):	164.3	psi	*ACI 318-14 22.6.5.2*
v_u / f_cv_c:	11%	Pass	
Pier Moment Pad Flexure Transfer Ratio, γ_f:	0.60		*TIA-222-H 9.4.2*
Moment Transfer Effective Flexural Width, B_{eff}:	20.25	ft	*TIA-222-H 9.4.2*
Moment Transfer Through Pad Flexure:	21535.63	k-in	*TIA-222-H 9.4.2*
Moment Transfer Flexural Capacity ($fM_{sc,f}$):	94054.89	k-in	
g_fM_{sc} / $fM_{sc,f}$:	0%	Pass	

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Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10070584
Maser Consulting Connecticut Project #: 21777469A

June 8, 2021

Site Information	*Site ID:*	*467390-VZW / EAST HADDAM CT*
	Site Name:	*EAST HADDAM CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*135 Honey Hill Rd* *East Haddam, Connecticut 06423* *Middlesex County*
	Latitude:	*41.436944°*
	Longitude:	*-72.366389°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*14.50-ft Platform*

FUZE ID # 16272155

Analysis Results

Platform: **43.4% 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: Grant Walters

Executive Summary:

The objective of this report is to determine the capacity of the proposed antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. The proposed mount was assumed to be installed properly to the existing tower per the manufacturer's instructions. Maser Consulting Connecticut cannot verify that the proposed mount will fit properly and is not liable for any fit-up issues during installation.

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: 674883, dated March 16, 2021*
Mount Specification	*Site Prop 1, Part #: RMVP-484 and HRK14*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777469A dated May 11, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	123 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:	0.983
Seismic Parameters:	S_S:	0.209
	S_1:	0.055
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
128.50	130.00	6	RFS	APL868013	Retained
		1	Raycap	RHSDC-6627-PF-48	
		6	Commscope	JAHH-65B-R3B	Added
		3	Samsung	MT6407-77A	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Commscope	CBC78T-DS-43-2X	

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.

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.

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

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
Face Horizontal	12.8 %	Pass
Standoff Horizontal	41.0 %	Pass
Platform Crossmember	27.6 %	Pass
Corner Plate	25.3 %	Pass
Grating Support	16.4 %	Pass
Cross Arm Plate	34.1 %	Pass
Support Rail	30.3 %	Pass
Mount Pipe	42.6 %	Pass
Mount Pipe L	33.1 %	Pass
Handrail Corner	43.4 %	Pass
Mount Connection	34.0 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**43.4%**

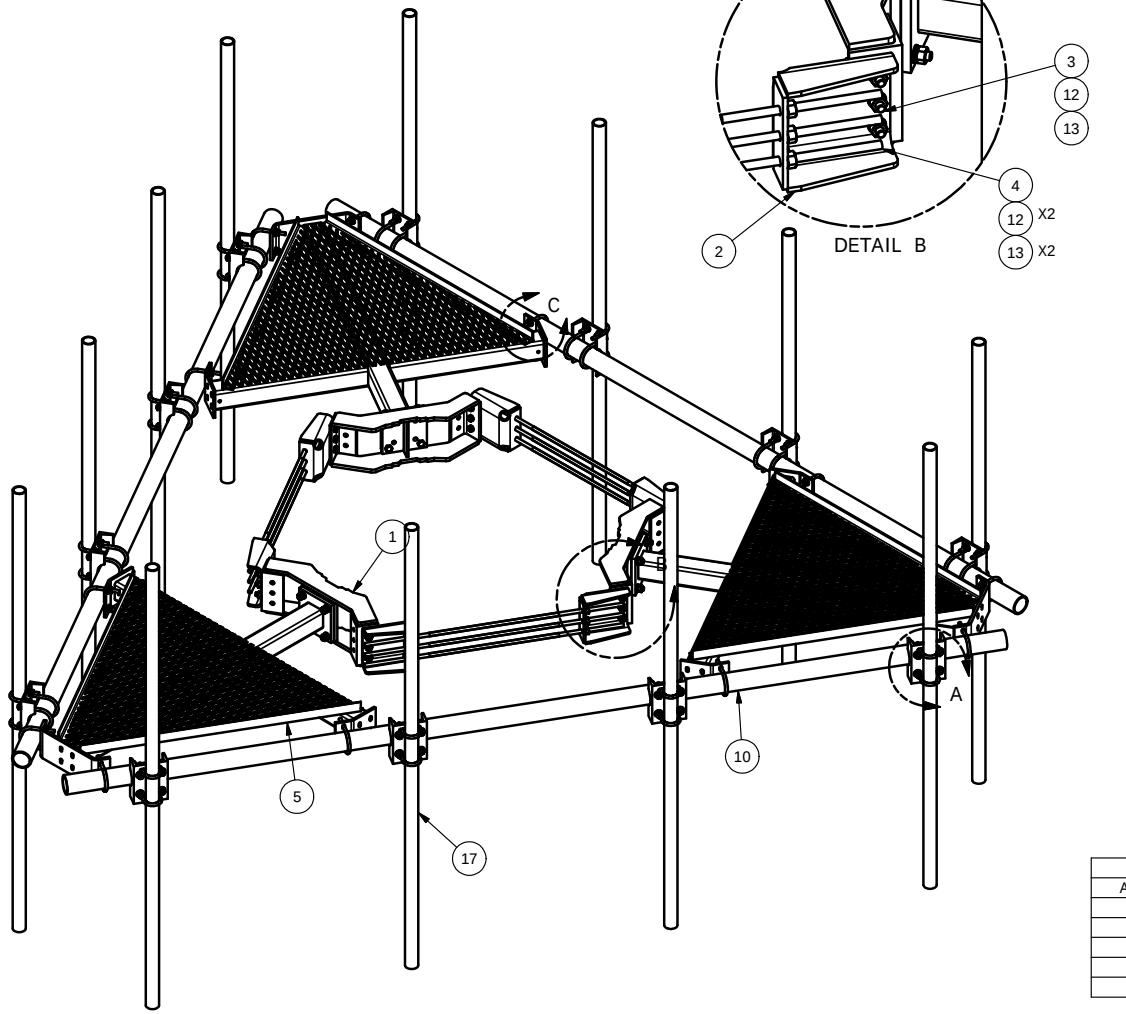
Recommendation:

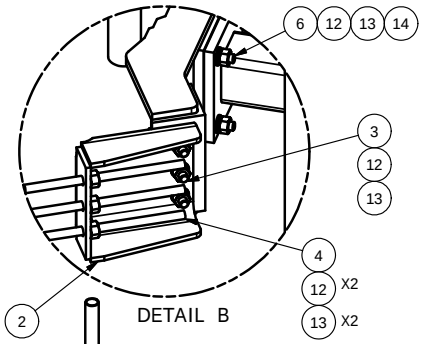
The proposed antenna mount is **SUFFICIENT** for the final loading configuration and do not require modifications.

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.

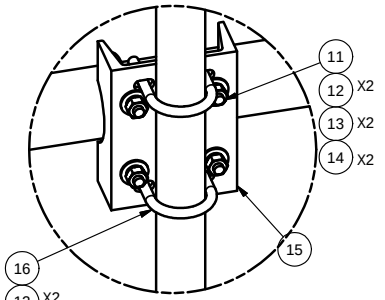
Attachments:

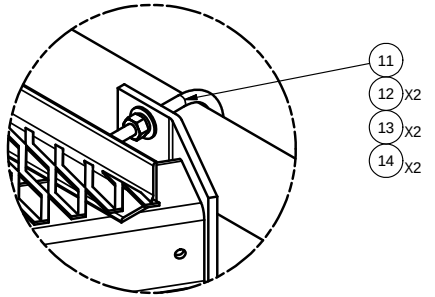
1. Mount Specification
2. Analysis Calculations
3. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter





PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	6	X-178627	BENT EXTENSION BRACKET		15.80	94.79
3	18	A5802	5/8" x 2" HDG A325 HEX BOLT		0.27	4.89
4	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.40	3.59
4	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.40	3.59
5	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
6	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2.75	0.36	4.27
7	30	A58FW	5/8" HDG A325 FLATWASHER		0.03	1.02
8	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
9	48	A58NUT	5/8" HDG A325 HEX NUT		0.13	6.23
10	3	P3174	3-1/2" X 174" SCH 40 GALVANIZED PIPE	174.000 in	109.97	329.90
11	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.26	9.25
12	120	G12FW	1/2" HDG USS FLATWASHER		0.03	4.09
13	120	G12LW	1/2" HDG LOCKWASHER		0.01	1.67
14	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
15	12	X-SP219	SMALL SUPPORT CROSS PLATE	8.250 in	8.61	103.33
16	24	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.26	6.17
17	12	B	ANTENNA MOUNTING PIPE	C	D	E





2-3/8" O.D. VERTICAL MOUNTING PIPES					
ASSEMBLY NO. "A"	PART NO. "B"	LENGTH, "C"	UNIT WEIGHT, "D"	NET WEIGHT, "E"	TOTAL WEIGHT
RMVP-463	P263	63"	20.18	242.16	1739.29
RMVP-472	P272	72"	23.07	276.84	1773.97
RMVP-484	P284	84"	26.91	322.92	1820.05
RMVP-496	P296	96"	30.76	369.12	1866.25
RMVP-4126	P2126	126"	40.75	489.00	1986.13

TOLERANCE NOTE

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE - ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	ADDED 10' 6" ANTENNA MOUNTING PIPES		CEK	7/9/2015

REVISION HISTORY

DESCRIPTION
LOW PROFILE CO-LOCATION PLATFORM
FOR 12 ANTENNAS WITH 14' 6" FACE WIDTH
FOR 30" - 60" DIAMETER POLES

SITE PRO 1
A valmont COMPANY

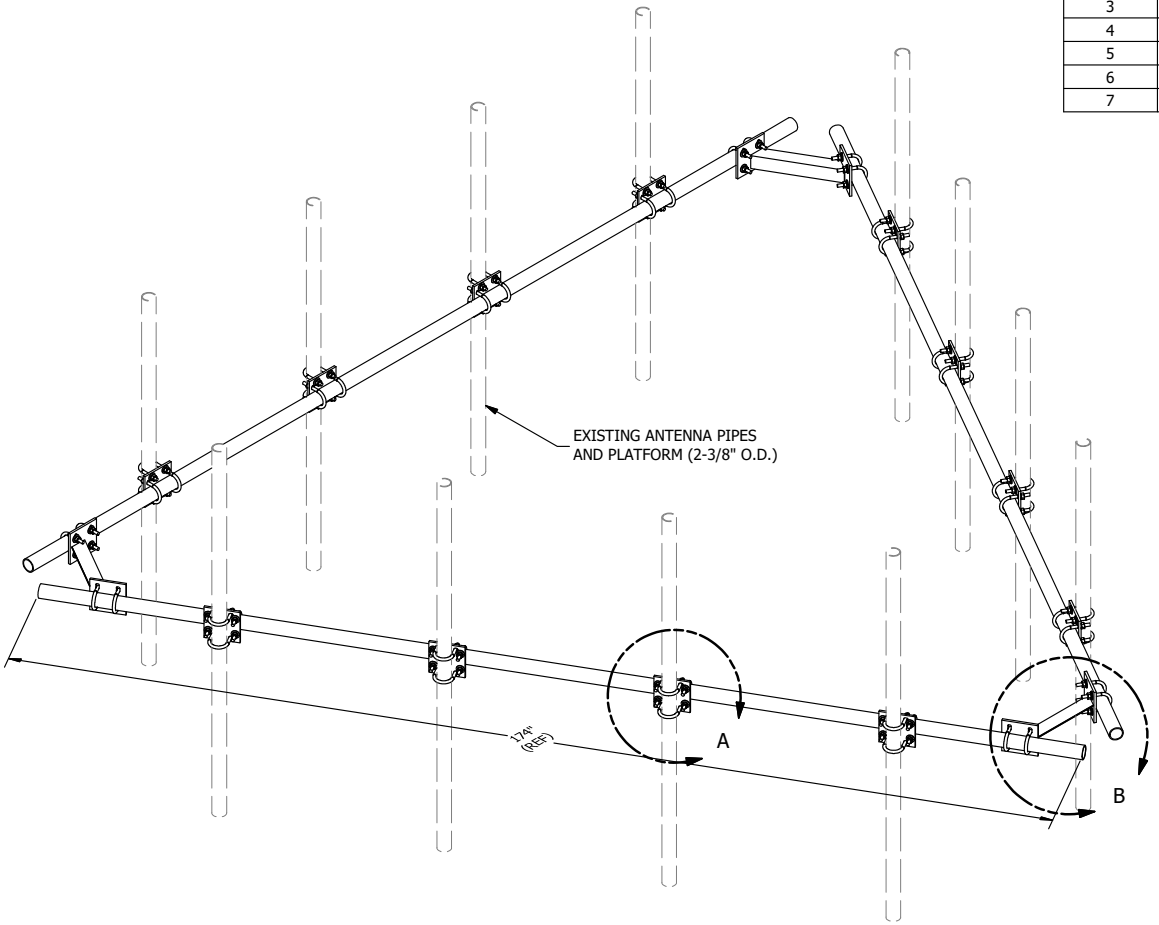
Engineering Support Team: 1-888-753-7446

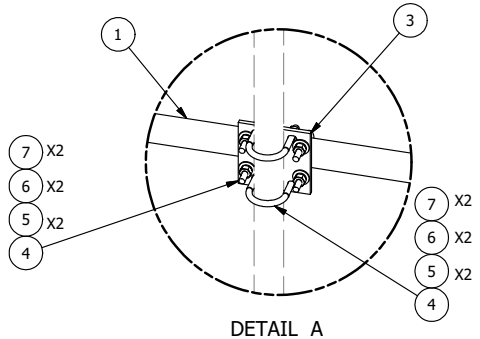
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

DRAWN BY	CPD NO.	DRAWING USAGE	PART NO.
CEK 1/20/2012		CUSTOMER	SEE ASSEMBLY NO. "A"

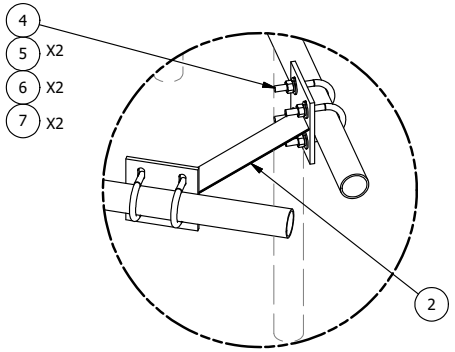
ENG. APPROVAL	CHECKED BY	DWG. NO.
	BMC 7/9/2015	RMVP-4XX

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	P2174	2-3/8" OD X 174" SCH 40 GALVANIZED PIPE	174 in	55.75	167.24
2	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
3	12	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"	6 in	3.71	44.50
4	60	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	37.51
5	120	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	4.09
6	120	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	1.67
7	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
					TOTAL WT. #	302.36





DETAIL A



DETAIL B

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

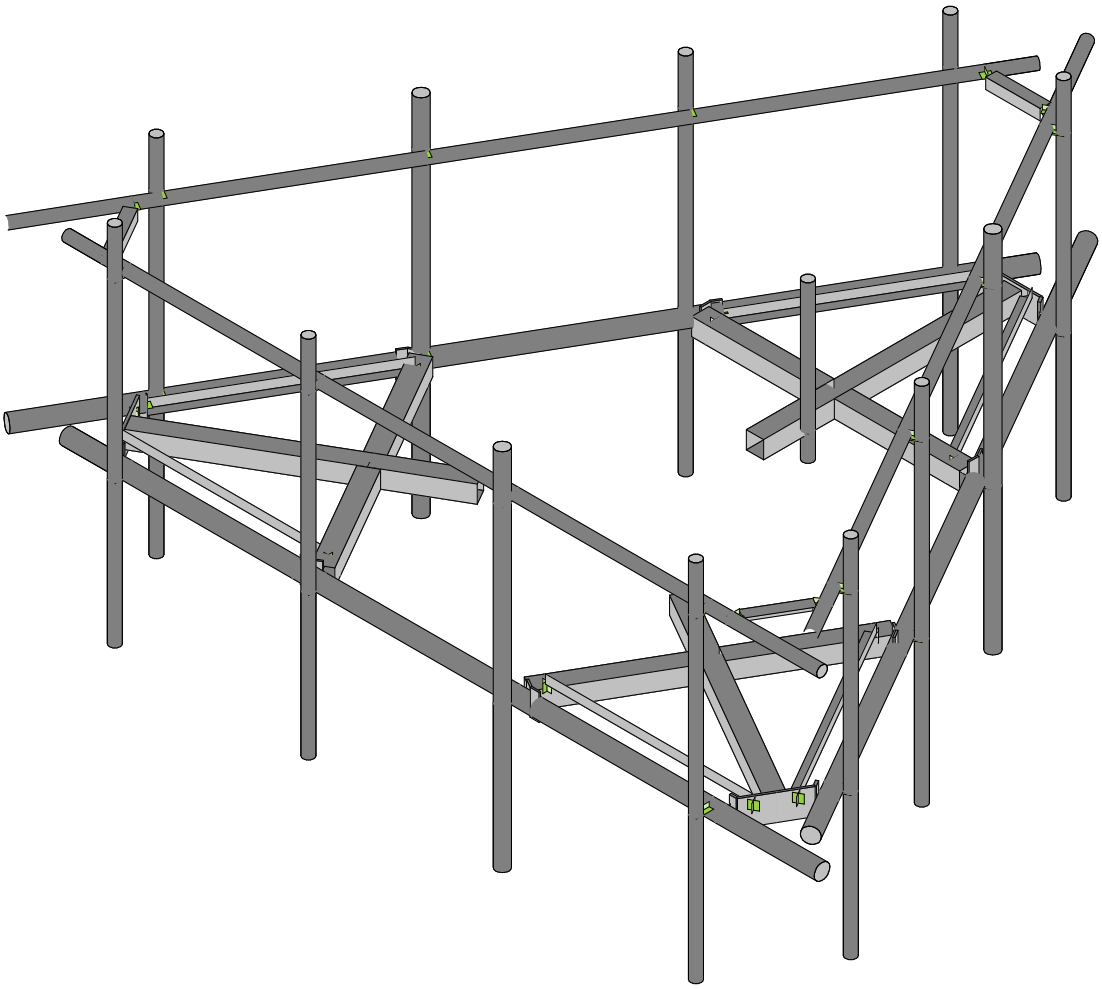
REVISION HISTORY				
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REPLACED HCP WITH X-AHCP		CEK	7/11/2014

DESCRIPTION: **HANDRAIL KIT FOR 14'-6" FACE**

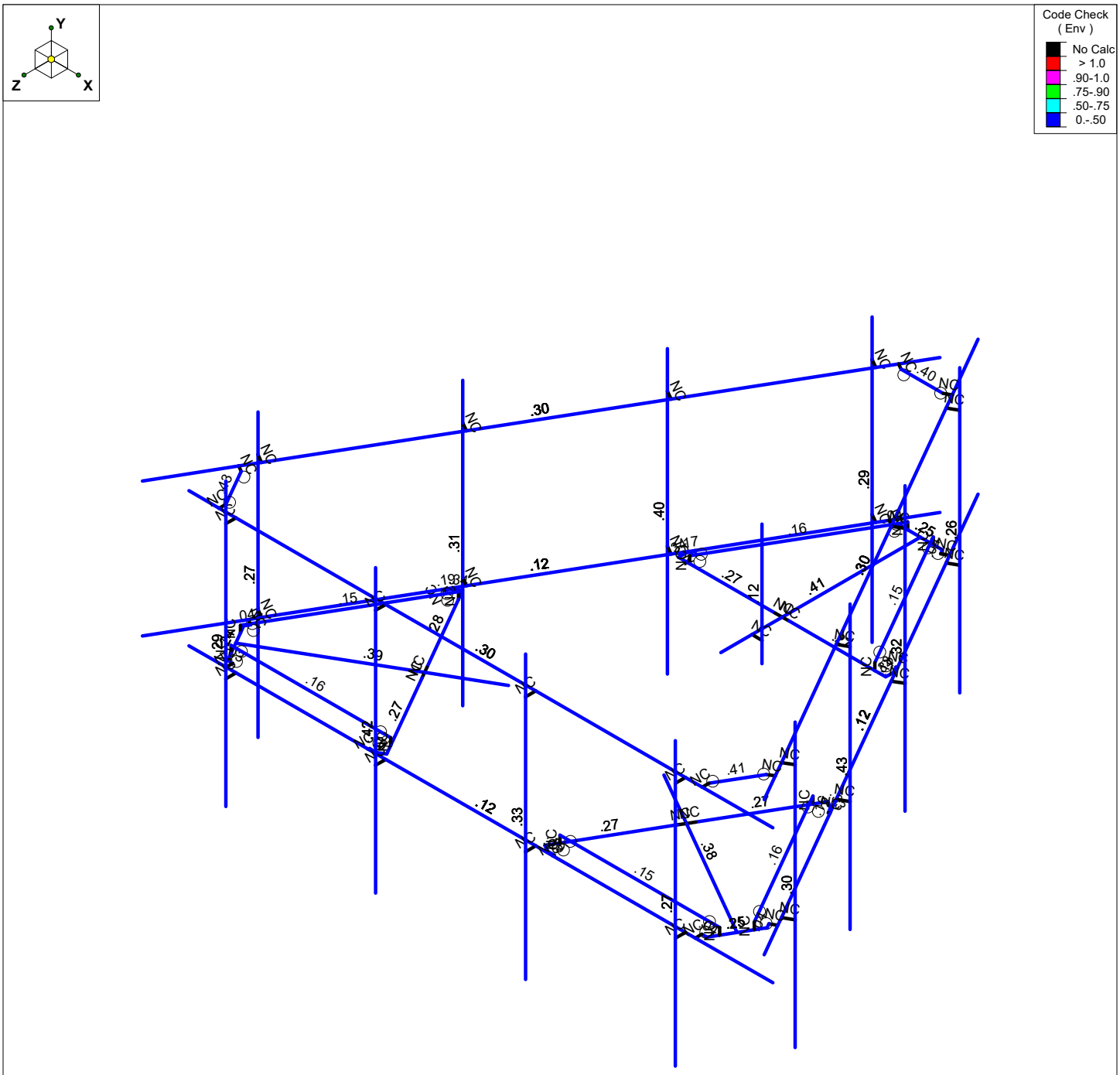
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	KC8 5/30/2012		HRK14

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	BMC 7/13/2014	HRK14

SITE PRO 1
A valmont COMPANY
Engineering Support Team: 1-888-753-7446
Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

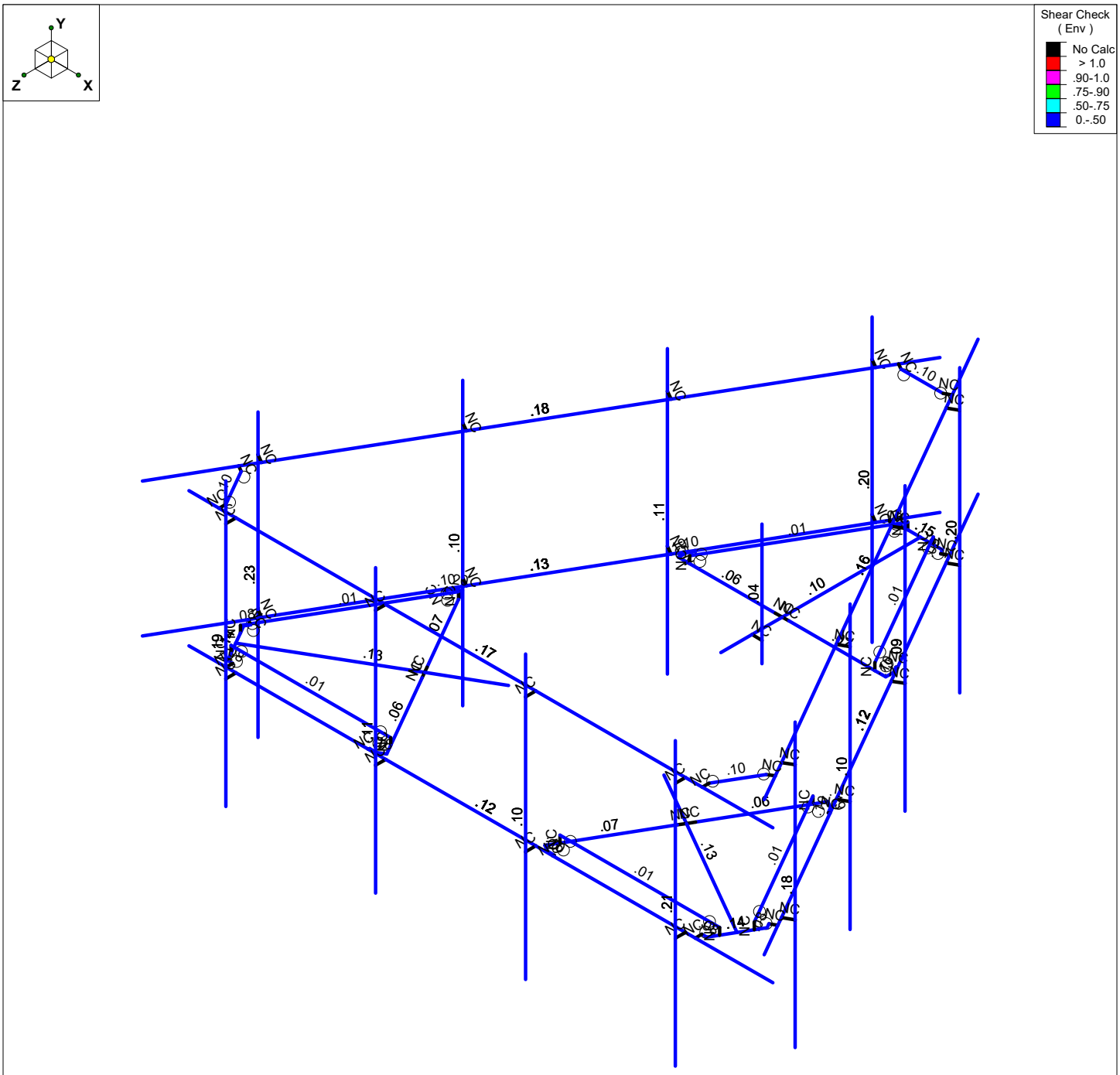


		SK - 1
		June 8, 2021 at 12:05 PM
		467390-VZW_MT_LO_H.r3d



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

		SK - 2
		June 8, 2021 at 12:05 PM
		467390-VZW_MT_LO_H.r3d



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

		SK - 3
		June 8, 2021 at 12:05 PM
		467390-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					120			
2	Antenna Di	None					120			
3	Antenna Wo (0 Deg)	None					120			
4	Antenna Wo (30 Deg)	None					120			
5	Antenna Wo (60 Deg)	None					120			
6	Antenna Wo (90 Deg)	None					120			
7	Antenna Wo (120 Deg)	None					120			
8	Antenna Wo (150 Deg)	None					120			
9	Antenna Wo (180 Deg)	None					120			
10	Antenna Wo (210 Deg)	None					120			
11	Antenna Wo (240 Deg)	None					120			
12	Antenna Wo (270 Deg)	None					120			
13	Antenna Wo (300 Deg)	None					120			
14	Antenna Wo (330 Deg)	None					120			
15	Antenna Wi (0 Deg)	None					120			
16	Antenna Wi (30 Deg)	None					120			
17	Antenna Wi (60 Deg)	None					120			
18	Antenna Wi (90 Deg)	None					120			
19	Antenna Wi (120 Deg)	None					120			
20	Antenna Wi (150 Deg)	None					120			
21	Antenna Wi (180 Deg)	None					120			
22	Antenna Wi (210 Deg)	None					120			
23	Antenna Wi (240 Deg)	None					120			
24	Antenna Wi (270 Deg)	None					120			
25	Antenna Wi (300 Deg)	None					120			
26	Antenna Wi (330 Deg)	None					120			
27	Antenna Wm (0 Deg)	None					120			
28	Antenna Wm (30 Deg)	None					120			
29	Antenna Wm (60 Deg)	None					120			
30	Antenna Wm (90 Deg)	None					120			
31	Antenna Wm (120 Deg)	None					120			
32	Antenna Wm (150 Deg)	None					120			
33	Antenna Wm (180 Deg)	None					120			
34	Antenna Wm (210 Deg)	None					120			
35	Antenna Wm (240 Deg)	None					120			
36	Antenna Wm (270 Deg)	None					120			
37	Antenna Wm (300 Deg)	None					120			
38	Antenna Wm (330 Deg)	None					120			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		

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						116		
58	Structure Wi (150 De...	None						116		
59	Structure Wi (180 De...	None						116		
60	Structure Wi (210 De...	None						116		
61	Structure Wi (240 De...	None						116		
62	Structure Wi (270 De...	None						116		
63	Structure Wi (300 De...	None						116		
64	Structure Wi (330 De...	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 De...	None						116		
67	Structure Wm (60 De...	None						116		
68	Structure Wm (90 De...	None						116		
69	Structure Wm (120 D...	None						116		
70	Structure Wm (150 D...	None						116		
71	Structure Wm (180 D...	None						116		
72	Structure Wm (210 D...	None						116		
73	Structure Wm (240 D...	None						116		
74	Structure Wm (270 D...	None						116		
75	Structure Wm (300 D...	None						116		
76	Structure Wm (330 D...	None						116		
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	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	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 D...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 D...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 D...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 D...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 D...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 D...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 D...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 D...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0W...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0...	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 + 1.0E...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N36	-6.749996	0	4.230932	0	
3	N53A	7.749996	0	4.230932	0	
4	N112A	0.	0	-2.229164	0	
5	N113A	-0.	0	-3.752864	0	
6	N114	-0.	0	-7.18758	0	
7	N115	-2.572908	0	-3.752867	0	
8	N116A	2.299372	0.166667	-3.752867	0	
9	N117	-2.299368	0.166667	-3.752867	0	
10	N119	2.299372	0	-3.752867	0	
11	N120B	-2.299368	0	-3.752867	0	
12	N121	0.316678	0.166667	-7.186988	0	
13	N122	-0.315987	0.166667	-7.188178	0	
14	N123	0.317021	0	-7.187584	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N124A	-0.31633	0	-7.187584	0	
16	N125	2.572911	0	-3.752867	0	
17	N126	-0.166665	0	-3.752867	0	
18	N127	0.166669	0	-3.752867	0	
19	N128	0.546877	0	-7.187584	0	
20	N129	-0.546873	0	-7.187584	0	
21	N130	-2.572908	0	-3.940367	0	
22	N131	2.572911	0	-3.940367	0	
23	N132	-2.489574	0	-4.084705	0	
24	N133	-2.517759	0	-4.100978	0	
25	N134	-0.609373	0	-7.07933	0	
26	N135	-0.750998	0	-7.161098	0	
27	N136	2.489578	0	-4.084705	0	
28	N137	2.517763	0	-4.100978	0	
29	N138	0.609377	0	-7.07933	0	
30	N139	0.751002	0	-7.161098	0	
31	N89	-6.749996	3.333333	4.230932	0	
32	N90	7.749996	3.333333	4.230932	0	
33	N95	5.583329	0	4.230932	0	
34	N96	5.583329	3.333333	4.230932	0	
35	N97	1.861079	0	4.230932	0	
36	N98	1.861079	3.333333	4.230932	0	
37	N99A	-1.861087	0	4.230932	0	
38	N100A	-1.861087	3.333333	4.230932	0	
39	N101A	-5.583337	0	4.230932	0	
40	N102A	-5.583337	3.333333	4.230932	0	
41	N103A	5.583329	0	4.480932	0	
42	N104A	5.583329	3.333333	4.480932	0	
43	N105A	1.861079	0	4.480932	0	
44	N106A	1.861079	3.333333	4.480932	0	
45	N107A	-1.861087	0	4.480932	0	
46	N108A	-1.861087	3.333333	4.480932	0	
47	N109A	-5.583337	0	4.480932	0	
48	N110A	-5.583337	3.333333	4.480932	0	
49	N111A	5.583329	4.25	4.480932	0	
50	N112B	1.861079	4.25	4.480932	0	
51	N113B	-1.861087	4.25	4.480932	0	
52	N114A	-5.583337	4.25	4.480932	0	
53	N115A	5.583329	-2.75	4.480932	0	
54	N116B	1.861079	-2.75	4.480932	0	
55	N117A	-1.861087	-2.75	4.480932	0	
56	N118	-5.583337	-2.75	4.480932	0	
57	N58	-1.930513	0	1.114582	0	
58	N59	-3.250076	0	1.876432	0	
59	N60	-6.224627	0	3.59379	0	
60	N61	-1.963625	0	4.104637	0	
61	N62	-4.399764	0.166667	-0.114881	0	
62	N63	-2.100395	0.166667	3.867745	0	
63	N64	-4.399764	0	-0.114881	0	
64	N65	-2.100395	0	3.867745	0	
65	N66	-6.382453	0.166667	3.319243	0	
66	N67	-6.067151	0.166667	3.867742	0	
67	N68	-6.383141	0	3.319243	0	
68	N69	-6.066465	0	3.867742	0	
69	N70	-4.536534	0	-0.351773	0	
70	N71	-3.166746	0	2.02077	0	
71	N72	-3.333413	0	1.732094	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N73	-6.498068	0	3.120182	0	
73	N74	-5.951193	0	4.067398	0	
74	N75	-2.126005	0	4.198387	0	
75	N76	-4.698914	0	-0.258023	0	
76	N77	-2.292671	0	4.198387	0	
77	N78	-2.292671	0	4.230932	0	
78	N79	-5.826193	0	4.067398	0	
79	N80	-5.826193	0	4.230932	0	
80	N81	-4.782247	0	-0.113685	0	
81	N82	-4.810432	0	-0.129958	0	
82	N83	-6.435568	0	3.011929	0	
83	N84	-6.577194	0	2.930162	0	
84	N86	1.930513	0	1.114582	0	
85	N87	3.250076	0	1.876432	0	
86	N88	6.224627	0	3.59379	0	
87	N89A	4.536532	0	-0.35177	0	
88	N90A	2.100393	0.166667	3.867748	0	
89	N91	4.399762	0.166667	-0.114877	0	
90	N92	2.100393	0	3.867748	0	
91	N93	4.399762	0	-0.114877	0	
92	N94	6.065775	0.166667	3.867745	0	
93	N95A	6.383138	0.166667	3.320436	0	
94	N96A	6.066119	0	3.86834	0	
95	N97A	6.382795	0	3.319842	0	
96	N98A	1.963623	0	4.10464	0	
97	N99	3.333411	0	1.732098	0	
98	N100	3.166744	0	2.020773	0	
99	N101	5.951191	0	4.067401	0	
100	N102	6.498066	0	3.120186	0	
101	N103	4.698912	0	-0.25802	0	
102	N104	2.126003	0	4.19839	0	
103	N105	4.782245	0	-0.113682	0	
104	N106	4.81043	0	-0.129955	0	
105	N107	6.435566	0	3.011933	0	
106	N108	6.577192	0	2.930165	0	
107	N109	2.292669	0	4.19839	0	
108	N110	2.292669	0	4.230936	0	
109	N111	5.826191	0	4.067401	0	
110	N112	5.826191	0	4.230936	0	
111	N167A	-5.999996	3.333333	4.230932	0	
112	N168A	5.999996	3.333333	4.230932	0	
113	N169	-5.999996	3.333333	4.064266	0	
114	N170	5.999996	3.333333	4.064266	0	
115	N172	6.664093	3.333333	3.080683	0	
116	N173	0.664097	3.333333	-7.311615	0	
117	N174	6.519755	3.333333	3.164016	0	
118	N175	0.519759	3.333333	-7.228282	0	
119	N177	-0.664097	3.333333	-7.311615	0	
120	N178	-6.664093	3.333333	3.080683	0	
121	N179	-0.519759	3.333333	-7.228282	0	
122	N180	-6.519755	3.333333	3.164016	0	
123	N124	7.039093	0	3.730202	0	
124	N125A	-0.210903	0	-8.82716	0	
125	N126A	7.039093	3.333333	3.730202	0	
126	N127A	-0.210903	3.333333	-8.82716	0	
127	N129A	-0.289097	0	-7.961134	0	
128	N130A	-7.539093	0	4.596227	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N131A	-0.289097	3.333333	-7.961134	0	
130	N132A	-7.539093	3.333333	4.596227	0	
131	N132B	0.87243	0	-6.950771	0	
132	N133A	0.87243	3.333333	-6.950771	0	
133	N134A	2.733555	0	-3.727208	0	
134	N135A	2.733555	3.333333	-3.727208	0	
135	N136A	4.594638	0	-0.503717	0	
136	N137A	4.594638	3.333333	-0.503717	0	
137	N138A	6.455763	0	2.719846	0	
138	N139A	6.455763	3.333333	2.719846	0	
139	N140	1.088937	0	-7.075771	0	
140	N141	1.088937	3.333333	-7.075771	0	
141	N142	2.950062	0	-3.852208	0	
142	N143	2.950062	3.333333	-3.852208	0	
143	N144	4.811145	0	-0.628717	0	
144	N145	4.811145	3.333333	-0.628717	0	
145	N146	6.67227	0	2.594846	0	
146	N147	6.67227	3.333333	2.594846	0	
147	N148	1.088937	4.25	-7.075771	0	
148	N149	2.950062	4.25	-3.852208	0	
149	N150	4.811145	4.25	-0.628717	0	
150	N151	6.67227	4.25	2.594846	0	
151	N152	1.088937	-2.75	-7.075771	0	
152	N153	2.950062	-2.75	-3.852208	0	
153	N154	4.811145	-2.75	-0.628717	0	
154	N155	6.67227	-2.75	2.594846	0	
155	N157	-6.45576	0	2.719839	0	
156	N158	-6.45576	3.333333	2.719839	0	
157	N159	-4.594635	0	-0.503724	0	
158	N160	-4.594635	3.333333	-0.503724	0	
159	N161	-2.733551	0	-3.727215	0	
160	N162	-2.733551	3.333333	-3.727215	0	
161	N163	-0.872426	0	-6.950778	0	
162	N164	-0.872426	3.333333	-6.950778	0	
163	N165	-6.672266	0	2.594839	0	
164	N166	-6.672266	3.333333	2.594839	0	
165	N167	-4.811141	0	-0.628724	0	
166	N168	-4.811141	3.333333	-0.628724	0	
167	N169A	-2.950058	0	-3.852215	0	
168	N170A	-2.950058	3.333333	-3.852215	0	
169	N171	-1.088933	0	-7.075778	0	
170	N172A	-1.088933	3.333333	-7.075778	0	
171	N173A	-6.672266	4.25	2.594839	0	
172	N174A	-4.811141	4.25	-0.628724	0	
173	N175A	-2.950058	4.25	-3.852215	0	
174	N176	-1.088933	4.25	-7.075778	0	
175	N177A	-6.672266	-2.75	2.594839	0	
176	N178A	-4.811141	-2.75	-0.628724	0	
177	N179A	-2.950058	-2.75	-3.852215	0	
178	N180A	-1.088933	-2.75	-7.075778	0	
179	N179B	-0.	0	-3.002864	0	
180	N180B	0.25	0	-3.002864	0	
181	N181	0.25	2.5	-3.002864	0	
182	N182	0.25	-.5	-3.002864	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	Q235	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	Q235	Typical	3.37	7.8	7.8	12.8
3	Support Rail	PIPE_2.0	Beam	SquareTube	Q235	Typical	1.02	.627	.627	1.25
4	Corner Plate	PL1/2x6	Beam	BAR	Q235	Typical	3	.063	9	.237
5	Platform Crossmember	HSS4X4X3	Beam	SquareTube	Q235	Typical	2.58	6.21	6.21	10
6	Grating Support	L2x2x3	Beam	Single Angle	Q235	Typical	.722	.271	.271	.009
7	Mount Pipe	PIPE_2.0	Column	Wide Flange	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Mount Pipe L	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	Q235	Typical	2.25	.026	6.75	.101
10	Handrail Corner	L2.5x2.5x4	Column	Single Angle	Q235	Typical	1.19	.692	.692	.026

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	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	M20	N36	N53A			Face Horizontal	Beam	Pipe	Q235	Typical
2	M72A	N112A	N114			Standoff Horizontal	Beam	SquareTube	Q235	Typical
3	M73	N125	N127			Platform Crossme...	Beam	SquareTube	Q235	Typical
4	M74	N126	N115			Platform Crossme...	Beam	SquareTube	Q235	Typical
5	M75	N129	N128			Corner Plate	Beam	BAR	Q235	Typical
6	M76	N117	N120B			RIGID	None	None	RIGID	Typical
7	M77	N116A	N119			RIGID	None	None	RIGID	Typical
8	M78	N121	N116A			Grating Support	Beam	Single Angle	Q235	Typical
9	M79	N117	N122			Grating Support	Beam	Single Angle	Q235	Typical
10	M80	N122	N124A			RIGID	None	None	RIGID	Typical
11	M81	N121	N123			RIGID	None	None	RIGID	Typical
12	M82	N126	N113A			RIGID	None	None	RIGID	Typical
13	M83	N113A	N127			RIGID	None	None	RIGID	Typical
14	M84	N115	N130			Cross Arm Plate	Column	RECT	Q235	Typical
15	M85	N130	N132			Cross Arm Plate	Column	RECT	Q235	Typical
16	M86A	N132	N133			RIGID	None	None	RIGID	Typical
17	M87A	N129	N134			Corner Plate	Beam	BAR	Q235	Typical
18	M88	N134	N135			RIGID	None	None	RIGID	Typical
19	M89A	N125	N131			Cross Arm Plate	Column	RECT	Q235	Typical
20	M90A	N131	N136			Cross Arm Plate	Column	RECT	Q235	Typical
21	M91	N136	N137			RIGID	None	None	RIGID	Typical
22	M92	N128	N138			Corner Plate	Beam	BAR	Q235	Typical
23	M93A	N138	N139			RIGID	None	None	RIGID	Typical
24	M70A	N90	N89			Support Rail	Beam	SquareTube	Q235	Typical
25	M73A	N102A	N110A			RIGID	None	None	RIGID	Typical
26	M74A	N100A	N108A			RIGID	None	None	RIGID	Typical
27	M75A	N98	N106A			RIGID	None	None	RIGID	Typical
28	M76A	N96	N104A			RIGID	None	None	RIGID	Typical
29	M77A	N95	N103A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
30	M78A	N97	N105A			RIGID	None	None	RIGID	Typical
31	M79A	N99A	N107A			RIGID	None	None	RIGID	Typical
32	M80A	N101A	N109A			RIGID	None	None	RIGID	Typical
33	MP4A	N114A	N118			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
34	MP3A	N113B	N117A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
35	MP2A	N112B	N116B			Mount Pipe L	Column	Pipe	A53 Gr.B	Typical
36	MP1A	N111A	N115A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
37	M37	N58	N60			Standoff Horizontal	Beam	SquareTube	Q235	Typical
38	M38	N70	N72			Platform Crossme...	Beam	SquareTube	Q235	Typical
39	M39	N71	N61			Platform Crossme...	Beam	SquareTube	Q235	Typical
40	M40	N74	N73			Corner Plate	Beam	BAR	Q235	Typical
41	M41	N63	N65			RIGID	None	None	RIGID	Typical
42	M42	N62	N64			RIGID	None	None	RIGID	Typical
43	M43	N66	N62			Grating Support	Beam	Single Angle	Q235	Typical
44	M44	N63	N67			Grating Support	Beam	Single Angle	Q235	Typical
45	M45	N67	N69			RIGID	None	None	RIGID	Typical
46	M46	N66	N68			RIGID	None	None	RIGID	Typical
47	M47	N71	N59			RIGID	None	None	RIGID	Typical
48	M48	N59	N72			RIGID	None	None	RIGID	Typical
49	M49	N61	N75			Cross Arm Plate	Column	RECT	Q235	Typical
50	M50	N75	N77			Cross Arm Plate	Column	RECT	Q235	Typical
51	M51	N77	N78			RIGID	None	None	RIGID	Typical
52	M52	N74	N79			Corner Plate	Beam	BAR	Q235	Typical
53	M53	N79	N80			RIGID	None	None	RIGID	Typical
54	M54	N70	N76			Cross Arm Plate	Column	RECT	Q235	Typical
55	M55	N76	N81			Cross Arm Plate	Column	RECT	Q235	Typical
56	M56	N81	N82			RIGID	None	None	RIGID	Typical
57	M57	N73	N83			Corner Plate	Beam	BAR	Q235	Typical
58	M58	N83	N84			RIGID	None	None	RIGID	Typical
59	M59	N86	N88			Standoff Horizontal	Beam	SquareTube	Q235	Typical
60	M60	N98A	N100			Platform Crossme...	Beam	SquareTube	Q235	Typical
61	M61	N99	N89A			Platform Crossme...	Beam	SquareTube	Q235	Typical
62	M62	N102	N101			Corner Plate	Beam	BAR	Q235	Typical
63	M63	N91	N93			RIGID	None	None	RIGID	Typical
64	M64	N90A	N92			RIGID	None	None	RIGID	Typical
65	M65	N94	N90A			Grating Support	Beam	Single Angle	Q235	Typical
66	M66	N91	N95A			Grating Support	Beam	Single Angle	Q235	Typical
67	M67	N95A	N97A			RIGID	None	None	RIGID	Typical
68	M68	N94	N96A			RIGID	None	None	RIGID	Typical
69	M69	N99	N87			RIGID	None	None	RIGID	Typical
70	M70	N87	N100			RIGID	None	None	RIGID	Typical
71	M71	N89A	N103			Cross Arm Plate	Column	RECT	Q235	Typical
72	M72	N103	N105			Cross Arm Plate	Column	RECT	Q235	Typical
73	M73B	N105	N106			RIGID	None	None	RIGID	Typical
74	M74B	N102	N107			Corner Plate	Beam	BAR	Q235	Typical
75	M75B	N107	N108			RIGID	None	None	RIGID	Typical
76	M76B	N98A	N104			Cross Arm Plate	Column	RECT	Q235	Typical
77	M77B	N104	N109			Cross Arm Plate	Column	RECT	Q235	Typical
78	M78B	N109	N110			RIGID	None	None	RIGID	Typical
79	M79B	N101	N111			Corner Plate	Beam	BAR	Q235	Typical
80	M80B	N111	N112			RIGID	None	None	RIGID	Typical
81	M109	N170	N168A			RIGID	None	None	RIGID	Typical
82	M110	N169	N167A			RIGID	None	None	RIGID	Typical
83	M111	N175	N173			RIGID	None	None	RIGID	Typical
84	M112	N174	N172			RIGID	None	None	RIGID	Typical
85	M113	N180	N178			RIGID	None	None	RIGID	Typical
86	M114	N179	N177			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
87	M115	N169	N180		180	Handrail Corner	Column	Single Angle	Q235	Typical
88	M116	N174	N170		180	Handrail Corner	Column	Single Angle	Q235	Typical
89	M117	N179	N175		180	Handrail Corner	Column	Single Angle	Q235	Typical
90	M90	N125A	N124			Face Horizontal	Beam	Pipe	Q235	Typical
91	M91A	N127A	N126A			Support Rail	Beam	SquareTube	Q235	Typical
92	M92A	N130A	N129A			Face Horizontal	Beam	Pipe	Q235	Typical
93	M93	N132A	N131A			Support Rail	Beam	SquareTube	Q235	Typical
94	M94	N139A	N147			RIGID	None	None	RIGID	Typical
95	M95	N137A	N145			RIGID	None	None	RIGID	Typical
96	M96	N135A	N143			RIGID	None	None	RIGID	Typical
97	M97	N133A	N141			RIGID	None	None	RIGID	Typical
98	M98	N132B	N140			RIGID	None	None	RIGID	Typical
99	M99	N134A	N142			RIGID	None	None	RIGID	Typical
100	M100	N136A	N144			RIGID	None	None	RIGID	Typical
101	M101	N138A	N146			RIGID	None	None	RIGID	Typical
102	MP4C	N151	N155			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
103	MP3C	N150	N154			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
104	MP2C	N149	N153			Mount Pipe L	Column	Pipe	A53 Gr.B	Typical
105	MP1C	N148	N152			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
106	M106	N164	N172A			RIGID	None	None	RIGID	Typical
107	M107	N162	N170A			RIGID	None	None	RIGID	Typical
108	M108	N160	N168			RIGID	None	None	RIGID	Typical
109	M109A	N158	N166			RIGID	None	None	RIGID	Typical
110	M110A	N157	N165			RIGID	None	None	RIGID	Typical
111	M111A	N159	N167			RIGID	None	None	RIGID	Typical
112	M112A	N161	N169A			RIGID	None	None	RIGID	Typical
113	M113A	N163	N171			RIGID	None	None	RIGID	Typical
114	MP4B	N176	N180A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
115	MP3B	N175A	N179A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
116	MP2B	N174A	N178A			Mount Pipe L	Column	Pipe	A53 Gr.B	Typical
117	MP1B	N173A	N177A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
118	M118	N179B	N180B			RIGID	None	None	RIGID	Typical
119	OVP	N181	N182			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	M20						Yes				None
2	M72A						Yes	Default			None
3	M73						Yes				None
4	M74						Yes				None
5	M75						Yes				None
6	M76						Yes	** NA **			None
7	M77						Yes	** NA **			None
8	M78	OOOOOX	OOOOOX				Yes				None
9	M79	OOOOOX	OOOOOX				Yes				None
10	M80						Yes	** NA **			None
11	M81						Yes	** NA **			None
12	M82						Yes	** NA **			None
13	M83						Yes	** NA **			None
14	M84						Yes	** NA **			None
15	M85						Yes	** NA **			None
16	M86A		BenPIN				Yes	** NA **			None
17	M87A						Yes				None
18	M88		BenPIN				Yes	** NA **			None
19	M89A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
20	M90A						Yes	** NA **			None
21	M91		BenPIN				Yes	** NA **			None
22	M92						Yes				None
23	M93A		BenPIN				Yes	** NA **			None
24	M70A						Yes				None
25	M73A						Yes	** NA **			None
26	M74A						Yes	** NA **			None
27	M75A						Yes	** NA **			None
28	M76A						Yes	** NA **			None
29	M77A						Yes	** NA **			None
30	M78A						Yes	** NA **			None
31	M79A						Yes	** NA **			None
32	M80A						Yes	** NA **			None
33	MP4A						Yes	** NA **			None
34	MP3A						Yes	** NA **			None
35	MP2A						Yes	** NA **			None
36	MP1A						Yes	** NA **			None
37	M37						Yes	Default			None
38	M38						Yes				None
39	M39						Yes				None
40	M40						Yes				None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43	OOOOOX	OOOOOX				Yes				None
44	M44	OOOOOX	OOOOOX				Yes				None
45	M45						Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50						Yes	** NA **			None
51	M51		BenPIN				Yes	** NA **			None
52	M52						Yes				None
53	M53		BenPIN				Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56		BenPIN				Yes	** NA **			None
57	M57						Yes				None
58	M58		BenPIN				Yes	** NA **			None
59	M59						Yes	Default			None
60	M60						Yes				None
61	M61						Yes				None
62	M62						Yes				None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65	OOOOOX	OOOOOX				Yes				None
66	M66	OOOOOX	OOOOOX				Yes				None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73B		BenPIN				Yes	** NA **			None
74	M74B						Yes				None
75	M75B		BenPIN				Yes	** NA **			None
76	M76B						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...		Inactive	Seismic ...
77	M77B						Yes	** NA **			None
78	M78B		BenPIN				Yes	** NA **			None
79	M79B						Yes				None
80	M80B		BenPIN				Yes	** NA **			None
81	M109		OOOOOO				Yes	** NA **			None
82	M110		OOOOOO				Yes	** NA **			None
83	M111		OOOOOO				Yes	** NA **			None
84	M112		OOOOOO				Yes	** NA **			None
85	M113		OOOOOO				Yes	** NA **			None
86	M114		OOOOOO				Yes	** NA **			None
87	M115						Yes	** NA **			None
88	M116						Yes	** NA **			None
89	M117						Yes	** NA **			None
90	M90						Yes				None
91	M91A						Yes				None
92	M92A						Yes				None
93	M93						Yes				None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	MP4C						Yes	** NA **			None
103	MP3C						Yes	** NA **			None
104	MP2C						Yes	** NA **			None
105	MP1C						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109A						Yes	** NA **			None
110	M110A						Yes	** NA **			None
111	M111A						Yes	** NA **			None
112	M112A						Yes	** NA **			None
113	M113A						Yes	** NA **			None
114	MP4B						Yes	** NA **			None
115	MP3B						Yes	** NA **			None
116	MP2B						Yes	** NA **			None
117	MP1B						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	OVP						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-3.15	.5
2	MP1A	My	-.001	.5
3	MP1A	Mz	.000788	.5
4	MP1A	Y	-3.15	4
5	MP1A	My	-.001	4
6	MP1A	Mz	.000788	4
7	MP1B	Y	-3.15	.5
8	MP1B	My	0	.5
9	MP1B	Mz	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP1B	Y	-3.15	4
11	MP1B	My	0	4
12	MP1B	Mz	-.002	4
13	MP1C	Y	-3.15	.5
14	MP1C	My	.001	.5
15	MP1C	Mz	.000788	.5
16	MP1C	Y	-3.15	4
17	MP1C	My	.001	4
18	MP1C	Mz	.000788	4
19	MP4A	Y	-3.15	.5
20	MP4A	My	-.001	.5
21	MP4A	Mz	.000788	.5
22	MP4A	Y	-3.15	4
23	MP4A	My	-.001	4
24	MP4A	Mz	.000788	4
25	MP4B	Y	-3.15	.5
26	MP4B	My	0	.5
27	MP4B	Mz	-.002	.5
28	MP4B	Y	-3.15	4
29	MP4B	My	0	4
30	MP4B	Mz	-.002	4
31	MP4C	Y	-3.15	.5
32	MP4C	My	.001	.5
33	MP4C	Mz	.000788	.5
34	MP4C	Y	-3.15	4
35	MP4C	My	.001	4
36	MP4C	Mz	.000788	4
37	MP2A	Y	-31.65	.25
38	MP2A	My	-.004	.25
39	MP2A	Mz	.025	.25
40	MP2A	Y	-31.65	4.75
41	MP2A	My	-.004	4.75
42	MP2A	Mz	.025	4.75
43	MP2B	Y	-31.65	.25
44	MP2B	My	-.02	.25
45	MP2B	Mz	-.016	.25
46	MP2B	Y	-31.65	4.75
47	MP2B	My	-.02	4.75
48	MP2B	Mz	-.016	4.75
49	MP2C	Y	-31.65	.25
50	MP2C	My	.022	.25
51	MP2C	Mz	-.013	.25
52	MP2C	Y	-31.65	4.75
53	MP2C	My	.022	4.75
54	MP2C	Mz	-.013	4.75
55	MP2A	Y	-31.65	.25
56	MP2A	My	-.024	.25
57	MP2A	Mz	-.009	.25
58	MP2A	Y	-31.65	4.75
59	MP2A	My	-.024	4.75
60	MP2A	Mz	-.009	4.75
61	MP2B	Y	-31.65	.25
62	MP2B	My	.02	.25
63	MP2B	Mz	-.016	.25
64	MP2B	Y	-31.65	4.75
65	MP2B	My	.02	4.75
66	MP2B	Mz	-.016	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2C	Y	-31.65	.25
68	MP2C	My	.008	.25
69	MP2C	Mz	.024	.25
70	MP2C	Y	-31.65	4.75
71	MP2C	My	.008	4.75
72	MP2C	Mz	.024	4.75
73	MP3A	Y	-43.55	1.5
74	MP3A	My	.019	1.5
75	MP3A	Mz	-.011	1.5
76	MP3A	Y	-43.55	3.5
77	MP3A	My	.019	3.5
78	MP3A	Mz	-.011	3.5
79	MP3B	Y	-43.55	1.5
80	MP3B	My	0	1.5
81	MP3B	Mz	.022	1.5
82	MP3B	Y	-43.55	3.5
83	MP3B	My	0	3.5
84	MP3B	Mz	.022	3.5
85	MP3C	Y	-43.55	1.5
86	MP3C	My	-.02	1.5
87	MP3C	Mz	-.007	1.5
88	MP3C	Y	-43.55	3.5
89	MP3C	My	-.02	3.5
90	MP3C	Mz	-.007	3.5
91	MP3A	Y	-84.4	2
92	MP3A	My	.021	2
93	MP3A	Mz	-.037	2
94	MP3B	Y	-84.4	2
95	MP3B	My	.021	2
96	MP3B	Mz	-.037	2
97	MP3C	Y	-84.4	2
98	MP3C	My	.021	2
99	MP3C	Mz	-.037	2
100	MP2A	Y	-70.3	1.5
101	MP2A	My	.018	1.5
102	MP2A	Mz	-.03	1.5
103	MP2B	Y	-70.3	1.5
104	MP2B	My	.018	1.5
105	MP2B	Mz	-.03	1.5
106	MP2C	Y	-70.3	1.5
107	MP2C	My	.018	1.5
108	MP2C	Mz	-.03	1.5
109	MP2A	Y	-10.4	3
110	MP2A	My	.001	3
111	MP2A	Mz	-.002	3
112	MP2B	Y	-10.4	3
113	MP2B	My	.001	3
114	MP2B	Mz	-.002	3
115	MP2C	Y	-10.4	3
116	MP2C	My	.001	3
117	MP2C	Mz	-.002	3
118	OVP	Y	-32	1
119	OVP	My	.007	1
120	OVP	Mz	.004	1

Member Point Loads (BLC 2 : Antenna Di)

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-30.975	.5
2	MP1A	My	-.013	.5
3	MP1A	Mz	.008	.5
4	MP1A	Y	-30.975	4
5	MP1A	My	-.013	4
6	MP1A	Mz	.008	4
7	MP1B	Y	-30.975	.5
8	MP1B	My	0	.5
9	MP1B	Mz	-.015	.5
10	MP1B	Y	-30.975	4
11	MP1B	My	0	4
12	MP1B	Mz	-.015	4
13	MP1C	Y	-30.975	.5
14	MP1C	My	.013	.5
15	MP1C	Mz	.008	.5
16	MP1C	Y	-30.975	4
17	MP1C	My	.013	4
18	MP1C	Mz	.008	4
19	MP4A	Y	-30.975	.5
20	MP4A	My	-.013	.5
21	MP4A	Mz	.008	.5
22	MP4A	Y	-30.975	4
23	MP4A	My	-.013	4
24	MP4A	Mz	.008	4
25	MP4B	Y	-30.975	.5
26	MP4B	My	0	.5
27	MP4B	Mz	-.015	.5
28	MP4B	Y	-30.975	4
29	MP4B	My	0	4
30	MP4B	Mz	-.015	4
31	MP4C	Y	-30.975	.5
32	MP4C	My	.013	.5
33	MP4C	Mz	.008	.5
34	MP4C	Y	-30.975	4
35	MP4C	My	.013	4
36	MP4C	Mz	.008	4
37	MP2A	Y	-69.392	.25
38	MP2A	My	-.008	.25
39	MP2A	Mz	.055	.25
40	MP2A	Y	-69.392	4.75
41	MP2A	My	-.008	4.75
42	MP2A	Mz	.055	4.75
43	MP2B	Y	-69.392	.25
44	MP2B	My	-.043	.25
45	MP2B	Mz	-.035	.25
46	MP2B	Y	-69.392	4.75
47	MP2B	My	-.043	4.75
48	MP2B	Mz	-.035	4.75
49	MP2C	Y	-69.392	.25
50	MP2C	My	.047	.25
51	MP2C	Mz	-.029	.25
52	MP2C	Y	-69.392	4.75
53	MP2C	My	.047	4.75
54	MP2C	Mz	-.029	4.75
55	MP2A	Y	-69.392	.25
56	MP2A	My	-.052	.25
57	MP2A	Mz	-.02	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	Y	-69.392	4.75
59	MP2A	My	-.052	4.75
60	MP2A	Mz	-.02	4.75
61	MP2B	Y	-69.392	.25
62	MP2B	My	.043	.25
63	MP2B	Mz	-.035	.25
64	MP2B	Y	-69.392	4.75
65	MP2B	My	.043	4.75
66	MP2B	Mz	-.035	4.75
67	MP2C	Y	-69.392	.25
68	MP2C	My	.018	.25
69	MP2C	Mz	.053	.25
70	MP2C	Y	-69.392	4.75
71	MP2C	My	.018	4.75
72	MP2C	Mz	.053	4.75
73	MP3A	Y	-35.326	1.5
74	MP3A	My	.015	1.5
75	MP3A	Mz	-.009	1.5
76	MP3A	Y	-35.326	3.5
77	MP3A	My	.015	3.5
78	MP3A	Mz	-.009	3.5
79	MP3B	Y	-35.326	1.5
80	MP3B	My	0	1.5
81	MP3B	Mz	.018	1.5
82	MP3B	Y	-35.326	3.5
83	MP3B	My	0	3.5
84	MP3B	Mz	.018	3.5
85	MP3C	Y	-35.326	1.5
86	MP3C	My	-.017	1.5
87	MP3C	Mz	-.006	1.5
88	MP3C	Y	-35.326	3.5
89	MP3C	My	-.017	3.5
90	MP3C	Mz	-.006	3.5
91	MP3A	Y	-44.532	2
92	MP3A	My	.011	2
93	MP3A	Mz	-.019	2
94	MP3B	Y	-44.532	2
95	MP3B	My	.011	2
96	MP3B	Mz	-.019	2
97	MP3C	Y	-44.532	2
98	MP3C	My	.011	2
99	MP3C	Mz	-.019	2
100	MP2A	Y	-40.045	1.5
101	MP2A	My	.01	1.5
102	MP2A	Mz	-.017	1.5
103	MP2B	Y	-40.045	1.5
104	MP2B	My	.01	1.5
105	MP2B	Mz	-.017	1.5
106	MP2C	Y	-40.045	1.5
107	MP2C	My	.01	1.5
108	MP2C	Mz	-.017	1.5
109	MP2A	Y	-10.642	3
110	MP2A	My	.001	3
111	MP2A	Mz	-.002	3
112	MP2B	Y	-10.642	3
113	MP2B	My	.001	3
114	MP2B	Mz	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2C	Y	-10.642	3
116	MP2C	My	.001	3
117	MP2C	Mz	-.002	3
118	OVP	Y	-87.214	1
119	OVP	My	.019	1
120	OVP	Mz	.011	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-52.651	.5
3	MP1A	Mx	-.013	.5
4	MP1A	X	0	4
5	MP1A	Z	-52.651	4
6	MP1A	Mx	-.013	4
7	MP1B	X	0	.5
8	MP1B	Z	-62.428	.5
9	MP1B	Mx	.031	.5
10	MP1B	X	0	4
11	MP1B	Z	-62.428	4
12	MP1B	Mx	.031	4
13	MP1C	X	0	.5
14	MP1C	Z	-52.651	.5
15	MP1C	Mx	-.013	.5
16	MP1C	X	0	4
17	MP1C	Z	-52.651	4
18	MP1C	Mx	-.013	4
19	MP4A	X	0	.5
20	MP4A	Z	-52.651	.5
21	MP4A	Mx	-.013	.5
22	MP4A	X	0	4
23	MP4A	Z	-52.651	4
24	MP4A	Mx	-.013	4
25	MP4B	X	0	.5
26	MP4B	Z	-62.428	.5
27	MP4B	Mx	.031	.5
28	MP4B	X	0	4
29	MP4B	Z	-62.428	4
30	MP4B	Mx	.031	4
31	MP4C	X	0	.5
32	MP4C	Z	-52.651	.5
33	MP4C	Mx	-.013	.5
34	MP4C	X	0	4
35	MP4C	Z	-52.651	4
36	MP4C	Mx	-.013	4
37	MP2A	X	0	.25
38	MP2A	Z	-143.831	.25
39	MP2A	Mx	-.114	.25
40	MP2A	X	0	4.75
41	MP2A	Z	-143.831	4.75
42	MP2A	Mx	-.114	4.75
43	MP2B	X	0	.25
44	MP2B	Z	-103.333	.25
45	MP2B	Mx	.052	.25
46	MP2B	X	0	4.75
47	MP2B	Z	-103.333	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	.052	4.75
49	MP2C	X	0	.25
50	MP2C	Z	-151.014	.25
51	MP2C	Mx	.063	.25
52	MP2C	X	0	4.75
53	MP2C	Z	-151.014	4.75
54	MP2C	Mx	.063	4.75
55	MP2A	X	0	.25
56	MP2A	Z	-143.831	.25
57	MP2A	Mx	.042	.25
58	MP2A	X	0	4.75
59	MP2A	Z	-143.831	4.75
60	MP2A	Mx	.042	4.75
61	MP2B	X	0	.25
62	MP2B	Z	-103.333	.25
63	MP2B	Mx	.052	.25
64	MP2B	X	0	4.75
65	MP2B	Z	-103.333	4.75
66	MP2B	Mx	.052	4.75
67	MP2C	X	0	.25
68	MP2C	Z	-151.014	.25
69	MP2C	Mx	-.115	.25
70	MP2C	X	0	4.75
71	MP2C	Z	-151.014	4.75
72	MP2C	Mx	-.115	4.75
73	MP3A	X	0	1.5
74	MP3A	Z	-68.821	1.5
75	MP3A	Mx	.017	1.5
76	MP3A	X	0	3.5
77	MP3A	Z	-68.821	3.5
78	MP3A	Mx	.017	3.5
79	MP3B	X	0	1.5
80	MP3B	Z	-31.778	1.5
81	MP3B	Mx	-.016	1.5
82	MP3B	X	0	3.5
83	MP3B	Z	-31.778	3.5
84	MP3B	Mx	-.016	3.5
85	MP3C	X	0	1.5
86	MP3C	Z	-75.392	1.5
87	MP3C	Mx	.013	1.5
88	MP3C	X	0	3.5
89	MP3C	Z	-75.392	3.5
90	MP3C	Mx	.013	3.5
91	MP3A	X	0	2
92	MP3A	Z	-48.529	2
93	MP3A	Mx	.021	2
94	MP3B	X	0	2
95	MP3B	Z	-48.529	2
96	MP3B	Mx	.021	2
97	MP3C	X	0	2
98	MP3C	Z	-48.529	2
99	MP3C	Mx	.021	2
100	MP2A	X	0	1.5
101	MP2A	Z	-42.376	1.5
102	MP2A	Mx	.018	1.5
103	MP2B	X	0	1.5
104	MP2B	Z	-42.376	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2B	Mx	.018	1.5
106	MP2C	X	0	1.5
107	MP2C	Z	-42.376	1.5
108	MP2C	Mx	.018	1.5
109	MP2A	X	0	3
110	MP2A	Z	-9.827	3
111	MP2A	Mx	.002	3
112	MP2B	X	0	3
113	MP2B	Z	-9.827	3
114	MP2B	Mx	.002	3
115	MP2C	X	0	3
116	MP2C	Z	-9.827	3
117	MP2C	Mx	.002	3
118	OVP	X	0	1
119	OVP	Z	-115.299	1
120	OVP	Mx	-.014	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	29.585	.5
2	MP1A	Z	-51.242	.5
3	MP1A	Mx	-.026	.5
4	MP1A	X	29.585	4
5	MP1A	Z	-51.242	4
6	MP1A	Mx	-.026	4
7	MP1B	X	29.585	.5
8	MP1B	Z	-51.242	.5
9	MP1B	Mx	.026	.5
10	MP1B	X	29.585	4
11	MP1B	Z	-51.242	4
12	MP1B	Mx	.026	4
13	MP1C	X	24.696	.5
14	MP1C	Z	-42.775	.5
15	MP1C	Mx	0	.5
16	MP1C	X	24.696	4
17	MP1C	Z	-42.775	4
18	MP1C	Mx	0	4
19	MP4A	X	29.585	.5
20	MP4A	Z	-51.242	.5
21	MP4A	Mx	-.026	.5
22	MP4A	X	29.585	4
23	MP4A	Z	-51.242	4
24	MP4A	Mx	-.026	4
25	MP4B	X	29.585	.5
26	MP4B	Z	-51.242	.5
27	MP4B	Mx	.026	.5
28	MP4B	X	29.585	4
29	MP4B	Z	-51.242	4
30	MP4B	Mx	.026	4
31	MP4C	X	24.696	.5
32	MP4C	Z	-42.775	.5
33	MP4C	Mx	0	.5
34	MP4C	X	24.696	4
35	MP4C	Z	-42.775	4
36	MP4C	Mx	0	4
37	MP2A	X	58.416	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-101.18	.25
39	MP2A	Mx	-.087	.25
40	MP2A	X	58.416	4.75
41	MP2A	Z	-101.18	4.75
42	MP2A	Mx	-.087	4.75
43	MP2B	X	58.416	.25
44	MP2B	Z	-101.18	.25
45	MP2B	Mx	.014	.25
46	MP2B	X	58.416	4.75
47	MP2B	Z	-101.18	4.75
48	MP2B	Mx	.014	4.75
49	MP2C	X	77.851	.25
50	MP2C	Z	-134.842	.25
51	MP2C	Mx	.109	.25
52	MP2C	X	77.851	4.75
53	MP2C	Z	-134.842	4.75
54	MP2C	Mx	.109	4.75
55	MP2A	X	58.416	.25
56	MP2A	Z	-101.18	.25
57	MP2A	Mx	-.014	.25
58	MP2A	X	58.416	4.75
59	MP2A	Z	-101.18	4.75
60	MP2A	Mx	-.014	4.75
61	MP2B	X	58.416	.25
62	MP2B	Z	-101.18	.25
63	MP2B	Mx	.087	.25
64	MP2B	X	58.416	4.75
65	MP2B	Z	-101.18	4.75
66	MP2B	Mx	.087	4.75
67	MP2C	X	77.851	.25
68	MP2C	Z	-134.842	.25
69	MP2C	Mx	-.082	.25
70	MP2C	X	77.851	4.75
71	MP2C	Z	-134.842	4.75
72	MP2C	Mx	-.082	4.75
73	MP3A	X	22.063	1.5
74	MP3A	Z	-38.214	1.5
75	MP3A	Mx	.019	1.5
76	MP3A	X	22.063	3.5
77	MP3A	Z	-38.214	3.5
78	MP3A	Mx	.019	3.5
79	MP3B	X	22.063	1.5
80	MP3B	Z	-38.214	1.5
81	MP3B	Mx	-.019	1.5
82	MP3B	X	22.063	3.5
83	MP3B	Z	-38.214	3.5
84	MP3B	Mx	-.019	3.5
85	MP3C	X	39.84	1.5
86	MP3C	Z	-69.005	1.5
87	MP3C	Mx	-.007	1.5
88	MP3C	X	39.84	3.5
89	MP3C	Z	-69.005	3.5
90	MP3C	Mx	-.007	3.5
91	MP3A	X	21.588	2
92	MP3A	Z	-37.391	2
93	MP3A	Mx	.022	2
94	MP3B	X	21.588	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3B	Z	-37.391	2
96	MP3B	Mx	.022	2
97	MP3C	X	21.588	2
98	MP3C	Z	-37.391	2
99	MP3C	Mx	.022	2
100	MP2A	X	17.486	1.5
101	MP2A	Z	-30.287	1.5
102	MP2A	Mx	.017	1.5
103	MP2B	X	17.486	1.5
104	MP2B	Z	-30.287	1.5
105	MP2B	Mx	.017	1.5
106	MP2C	X	17.486	1.5
107	MP2C	Z	-30.287	1.5
108	MP2C	Mx	.017	1.5
109	MP2A	X	4.421	3
110	MP2A	Z	-7.658	3
111	MP2A	Mx	.002	3
112	MP2B	X	4.421	3
113	MP2B	Z	-7.658	3
114	MP2B	Mx	.002	3
115	MP2C	X	4.421	3
116	MP2C	Z	-7.658	3
117	MP2C	Mx	.002	3
118	OVP	X	53.494	1
119	OVP	Z	-92.654	1
120	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	54.064	.5
2	MP1A	Z	-31.214	.5
3	MP1A	Mx	-.031	.5
4	MP1A	X	54.064	4
5	MP1A	Z	-31.214	4
6	MP1A	Mx	-.031	4
7	MP1B	X	45.597	.5
8	MP1B	Z	-26.326	.5
9	MP1B	Mx	.013	.5
10	MP1B	X	45.597	4
11	MP1B	Z	-26.326	4
12	MP1B	Mx	.013	4
13	MP1C	X	45.597	.5
14	MP1C	Z	-26.326	.5
15	MP1C	Mx	.013	.5
16	MP1C	X	45.597	4
17	MP1C	Z	-26.326	4
18	MP1C	Mx	.013	4
19	MP4A	X	54.064	.5
20	MP4A	Z	-31.214	.5
21	MP4A	Mx	-.031	.5
22	MP4A	X	54.064	4
23	MP4A	Z	-31.214	4
24	MP4A	Mx	-.031	4
25	MP4B	X	45.597	.5
26	MP4B	Z	-26.326	.5
27	MP4B	Mx	.013	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4B	X	45.597	4
29	MP4B	Z	-26.326	4
30	MP4B	Mx	.013	4
31	MP4C	X	45.597	.5
32	MP4C	Z	-26.326	.5
33	MP4C	Mx	.013	.5
34	MP4C	X	45.597	4
35	MP4C	Z	-26.326	4
36	MP4C	Mx	.013	4
37	MP2A	X	89.489	.25
38	MP2A	Z	-51.666	.25
39	MP2A	Mx	-.052	.25
40	MP2A	X	89.489	4.75
41	MP2A	Z	-51.666	4.75
42	MP2A	Mx	-.052	4.75
43	MP2B	X	124.561	.25
44	MP2B	Z	-71.915	.25
45	MP2B	Mx	-.042	.25
46	MP2B	X	124.561	4.75
47	MP2B	Z	-71.915	4.75
48	MP2B	Mx	-.042	4.75
49	MP2C	X	116.931	.25
50	MP2C	Z	-67.51	.25
51	MP2C	Mx	.108	.25
52	MP2C	X	116.931	4.75
53	MP2C	Z	-67.51	4.75
54	MP2C	Mx	.108	4.75
55	MP2A	X	89.489	.25
56	MP2A	Z	-51.666	.25
57	MP2A	Mx	-.052	.25
58	MP2A	X	89.489	4.75
59	MP2A	Z	-51.666	4.75
60	MP2A	Mx	-.052	4.75
61	MP2B	X	124.561	.25
62	MP2B	Z	-71.915	.25
63	MP2B	Mx	.114	.25
64	MP2B	X	124.561	4.75
65	MP2B	Z	-71.915	4.75
66	MP2B	Mx	.114	4.75
67	MP2C	X	116.931	.25
68	MP2C	Z	-67.51	.25
69	MP2C	Mx	-.021	.25
70	MP2C	X	116.931	4.75
71	MP2C	Z	-67.51	4.75
72	MP2C	Mx	-.021	4.75
73	MP3A	X	27.52	1.5
74	MP3A	Z	-15.889	1.5
75	MP3A	Mx	.016	1.5
76	MP3A	X	27.52	3.5
77	MP3A	Z	-15.889	3.5
78	MP3A	Mx	.016	3.5
79	MP3B	X	59.601	1.5
80	MP3B	Z	-34.411	1.5
81	MP3B	Mx	-.017	1.5
82	MP3B	X	59.601	3.5
83	MP3B	Z	-34.411	3.5
84	MP3B	Mx	-.017	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3C	X	52.621	1.5
86	MP3C	Z	-30.381	1.5
87	MP3C	Mx	-.02	1.5
88	MP3C	X	52.621	3.5
89	MP3C	Z	-30.381	3.5
90	MP3C	Mx	-.02	3.5
91	MP3A	X	42.027	2
92	MP3A	Z	-24.264	2
93	MP3A	Mx	.021	2
94	MP3B	X	42.027	2
95	MP3B	Z	-24.264	2
96	MP3B	Mx	.021	2
97	MP3C	X	42.027	2
98	MP3C	Z	-24.264	2
99	MP3C	Mx	.021	2
100	MP2A	X	36.699	1.5
101	MP2A	Z	-21.188	1.5
102	MP2A	Mx	.018	1.5
103	MP2B	X	36.699	1.5
104	MP2B	Z	-21.188	1.5
105	MP2B	Mx	.018	1.5
106	MP2C	X	36.699	1.5
107	MP2C	Z	-21.188	1.5
108	MP2C	Mx	.018	1.5
109	MP2A	X	8.51	3
110	MP2A	Z	-4.913	3
111	MP2A	Mx	.002	3
112	MP2B	X	8.51	3
113	MP2B	Z	-4.913	3
114	MP2B	Mx	.002	3
115	MP2C	X	8.51	3
116	MP2C	Z	-4.913	3
117	MP2C	Mx	.002	3
118	OVP	X	99.852	1
119	OVP	Z	-57.65	1
120	OVP	Mx	.014	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	59.169	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.026	.5
4	MP1A	X	59.169	4
5	MP1A	Z	0	4
6	MP1A	Mx	-.026	4
7	MP1B	X	49.392	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	0	.5
10	MP1B	X	49.392	4
11	MP1B	Z	0	4
12	MP1B	Mx	0	4
13	MP1C	X	59.169	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	.026	.5
16	MP1C	X	59.169	4
17	MP1C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	.026	4
19	MP4A	X	59.169	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	-.026	.5
22	MP4A	X	59.169	4
23	MP4A	Z	0	4
24	MP4A	Mx	-.026	4
25	MP4B	X	49.392	.5
26	MP4B	Z	0	.5
27	MP4B	Mx	0	.5
28	MP4B	X	49.392	4
29	MP4B	Z	0	4
30	MP4B	Mx	0	4
31	MP4C	X	59.169	.5
32	MP4C	Z	0	.5
33	MP4C	Mx	.026	.5
34	MP4C	X	59.169	4
35	MP4C	Z	0	4
36	MP4C	Mx	.026	4
37	MP2A	X	116.832	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	-.014	.25
40	MP2A	X	116.832	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	-.014	4.75
43	MP2B	X	157.33	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	-.098	.25
46	MP2B	X	157.33	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	-.098	4.75
49	MP2C	X	109.649	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.075	.25
52	MP2C	X	109.649	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	.075	4.75
55	MP2A	X	116.832	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	-.087	.25
58	MP2A	X	116.832	4.75
59	MP2A	Z	0	4.75
60	MP2A	Mx	-.087	4.75
61	MP2B	X	157.33	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.098	.25
64	MP2B	X	157.33	4.75
65	MP2B	Z	0	4.75
66	MP2B	Mx	.098	4.75
67	MP2C	X	109.649	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	.028	.25
70	MP2C	X	109.649	4.75
71	MP2C	Z	0	4.75
72	MP2C	Mx	.028	4.75
73	MP3A	X	44.126	1.5
74	MP3A	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	.019	1.5
76	MP3A	X	44.126	3.5
77	MP3A	Z	0	3.5
78	MP3A	Mx	.019	3.5
79	MP3B	X	81.169	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	0	1.5
82	MP3B	X	81.169	3.5
83	MP3B	Z	0	3.5
84	MP3B	Mx	0	3.5
85	MP3C	X	37.555	1.5
86	MP3C	Z	0	1.5
87	MP3C	Mx	-.018	1.5
88	MP3C	X	37.555	3.5
89	MP3C	Z	0	3.5
90	MP3C	Mx	-.018	3.5
91	MP3A	X	59.236	2
92	MP3A	Z	0	2
93	MP3A	Mx	.015	2
94	MP3B	X	59.236	2
95	MP3B	Z	0	2
96	MP3B	Mx	.015	2
97	MP3C	X	59.236	2
98	MP3C	Z	0	2
99	MP3C	Mx	.015	2
100	MP2A	X	57.186	1.5
101	MP2A	Z	0	1.5
102	MP2A	Mx	.014	1.5
103	MP2B	X	57.186	1.5
104	MP2B	Z	0	1.5
105	MP2B	Mx	.014	1.5
106	MP2C	X	57.186	1.5
107	MP2C	Z	0	1.5
108	MP2C	Mx	.014	1.5
109	MP2A	X	11.795	3
110	MP2A	Z	0	3
111	MP2A	Mx	.001	3
112	MP2B	X	11.795	3
113	MP2B	Z	0	3
114	MP2B	Mx	.001	3
115	MP2C	X	11.795	3
116	MP2C	Z	0	3
117	MP2C	Mx	.001	3
118	OVP	X	131.922	1
119	OVP	Z	0	1
120	OVP	Mx	.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	45.597	.5
2	MP1A	Z	26.326	.5
3	MP1A	Mx	-.013	.5
4	MP1A	X	45.597	4
5	MP1A	Z	26.326	4
6	MP1A	Mx	-.013	4
7	MP1B	X	45.597	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	26.326	.5
9	MP1B	Mx	-.013	.5
10	MP1B	X	45.597	4
11	MP1B	Z	26.326	4
12	MP1B	Mx	-.013	4
13	MP1C	X	54.064	.5
14	MP1C	Z	31.214	.5
15	MP1C	Mx	.031	.5
16	MP1C	X	54.064	4
17	MP1C	Z	31.214	4
18	MP1C	Mx	.031	4
19	MP4A	X	45.597	.5
20	MP4A	Z	26.326	.5
21	MP4A	Mx	-.013	.5
22	MP4A	X	45.597	4
23	MP4A	Z	26.326	4
24	MP4A	Mx	-.013	4
25	MP4B	X	45.597	.5
26	MP4B	Z	26.326	.5
27	MP4B	Mx	-.013	.5
28	MP4B	X	45.597	4
29	MP4B	Z	26.326	4
30	MP4B	Mx	-.013	4
31	MP4C	X	54.064	.5
32	MP4C	Z	31.214	.5
33	MP4C	Mx	.031	.5
34	MP4C	X	54.064	4
35	MP4C	Z	31.214	4
36	MP4C	Mx	.031	4
37	MP2A	X	124.561	.25
38	MP2A	Z	71.915	.25
39	MP2A	Mx	.042	.25
40	MP2A	X	124.561	4.75
41	MP2A	Z	71.915	4.75
42	MP2A	Mx	.042	4.75
43	MP2B	X	124.561	.25
44	MP2B	Z	71.915	.25
45	MP2B	Mx	-.114	.25
46	MP2B	X	124.561	4.75
47	MP2B	Z	71.915	4.75
48	MP2B	Mx	-.114	4.75
49	MP2C	X	90.899	.25
50	MP2C	Z	52.48	.25
51	MP2C	Mx	.04	.25
52	MP2C	X	90.899	4.75
53	MP2C	Z	52.48	4.75
54	MP2C	Mx	.04	4.75
55	MP2A	X	124.561	.25
56	MP2A	Z	71.915	.25
57	MP2A	Mx	-.114	.25
58	MP2A	X	124.561	4.75
59	MP2A	Z	71.915	4.75
60	MP2A	Mx	-.114	4.75
61	MP2B	X	124.561	.25
62	MP2B	Z	71.915	.25
63	MP2B	Mx	.042	.25
64	MP2B	X	124.561	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	71.915	4.75
66	MP2B	Mx	.042	4.75
67	MP2C	X	90.899	.25
68	MP2C	Z	52.48	.25
69	MP2C	Mx	.063	.25
70	MP2C	X	90.899	4.75
71	MP2C	Z	52.48	4.75
72	MP2C	Mx	.063	4.75
73	MP3A	X	59.601	1.5
74	MP3A	Z	34.411	1.5
75	MP3A	Mx	.017	1.5
76	MP3A	X	59.601	3.5
77	MP3A	Z	34.411	3.5
78	MP3A	Mx	.017	3.5
79	MP3B	X	59.601	1.5
80	MP3B	Z	34.411	1.5
81	MP3B	Mx	.017	1.5
82	MP3B	X	59.601	3.5
83	MP3B	Z	34.411	3.5
84	MP3B	Mx	.017	3.5
85	MP3C	X	28.81	1.5
86	MP3C	Z	16.634	1.5
87	MP3C	Mx	-.016	1.5
88	MP3C	X	28.81	3.5
89	MP3C	Z	16.634	3.5
90	MP3C	Mx	-.016	3.5
91	MP3A	X	55.937	2
92	MP3A	Z	32.295	2
93	MP3A	Mx	0	2
94	MP3B	X	55.937	2
95	MP3B	Z	32.295	2
96	MP3B	Mx	0	2
97	MP3C	X	55.937	2
98	MP3C	Z	32.295	2
99	MP3C	Mx	0	2
100	MP2A	X	55.937	1.5
101	MP2A	Z	32.295	1.5
102	MP2A	Mx	0	1.5
103	MP2B	X	55.937	1.5
104	MP2B	Z	32.295	1.5
105	MP2B	Mx	0	1.5
106	MP2C	X	55.937	1.5
107	MP2C	Z	32.295	1.5
108	MP2C	Mx	0	1.5
109	MP2A	X	11.068	3
110	MP2A	Z	6.39	3
111	MP2A	Mx	0	3
112	MP2B	X	11.068	3
113	MP2B	Z	6.39	3
114	MP2B	Mx	0	3
115	MP2C	X	11.068	3
116	MP2C	Z	6.39	3
117	MP2C	Mx	0	3
118	OVP	X	121.445	1
119	OVP	Z	70.117	1
120	OVP	Mx	.035	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	24.696	.5
2	MP1A	Z	42.775	.5
3	MP1A	Mx	0	.5
4	MP1A	X	24.696	4
5	MP1A	Z	42.775	4
6	MP1A	Mx	0	4
7	MP1B	X	29.585	.5
8	MP1B	Z	51.242	.5
9	MP1B	Mx	-.026	.5
10	MP1B	X	29.585	4
11	MP1B	Z	51.242	4
12	MP1B	Mx	-.026	4
13	MP1C	X	29.585	.5
14	MP1C	Z	51.242	.5
15	MP1C	Mx	.026	.5
16	MP1C	X	29.585	4
17	MP1C	Z	51.242	4
18	MP1C	Mx	.026	4
19	MP4A	X	24.696	.5
20	MP4A	Z	42.775	.5
21	MP4A	Mx	0	.5
22	MP4A	X	24.696	4
23	MP4A	Z	42.775	4
24	MP4A	Mx	0	4
25	MP4B	X	29.585	.5
26	MP4B	Z	51.242	.5
27	MP4B	Mx	-.026	.5
28	MP4B	X	29.585	4
29	MP4B	Z	51.242	4
30	MP4B	Mx	-.026	4
31	MP4C	X	29.585	.5
32	MP4C	Z	51.242	.5
33	MP4C	Mx	.026	.5
34	MP4C	X	29.585	4
35	MP4C	Z	51.242	4
36	MP4C	Mx	.026	4
37	MP2A	X	78.665	.25
38	MP2A	Z	136.252	.25
39	MP2A	Mx	.098	.25
40	MP2A	X	78.665	4.75
41	MP2A	Z	136.252	4.75
42	MP2A	Mx	.098	4.75
43	MP2B	X	58.416	.25
44	MP2B	Z	101.18	.25
45	MP2B	Mx	-.087	.25
46	MP2B	X	58.416	4.75
47	MP2B	Z	101.18	4.75
48	MP2B	Mx	-.087	4.75
49	MP2C	X	62.822	.25
50	MP2C	Z	108.81	.25
51	MP2C	Mx	-.002	.25
52	MP2C	X	62.822	4.75
53	MP2C	Z	108.81	4.75
54	MP2C	Mx	-.002	4.75
55	MP2A	X	78.665	.25
56	MP2A	Z	136.252	.25
57	MP2A	Mx	-.098	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	78.665	4.75
59	MP2A	Z	136.252	4.75
60	MP2A	Mx	-.098	4.75
61	MP2B	X	58.416	.25
62	MP2B	Z	101.18	.25
63	MP2B	Mx	-.014	.25
64	MP2B	X	58.416	4.75
65	MP2B	Z	101.18	4.75
66	MP2B	Mx	-.014	4.75
67	MP2C	X	62.822	.25
68	MP2C	Z	108.81	.25
69	MP2C	Mx	.099	.25
70	MP2C	X	62.822	4.75
71	MP2C	Z	108.81	4.75
72	MP2C	Mx	.099	4.75
73	MP3A	X	40.585	1.5
74	MP3A	Z	70.295	1.5
75	MP3A	Mx	0	1.5
76	MP3A	X	40.585	3.5
77	MP3A	Z	70.295	3.5
78	MP3A	Mx	0	3.5
79	MP3B	X	22.063	1.5
80	MP3B	Z	38.214	1.5
81	MP3B	Mx	.019	1.5
82	MP3B	X	22.063	3.5
83	MP3B	Z	38.214	3.5
84	MP3B	Mx	.019	3.5
85	MP3C	X	26.093	1.5
86	MP3C	Z	45.194	1.5
87	MP3C	Mx	-.02	1.5
88	MP3C	X	26.093	3.5
89	MP3C	Z	45.194	3.5
90	MP3C	Mx	-.02	3.5
91	MP3A	X	29.618	2
92	MP3A	Z	51.3	2
93	MP3A	Mx	-.015	2
94	MP3B	X	29.618	2
95	MP3B	Z	51.3	2
96	MP3B	Mx	-.015	2
97	MP3C	X	29.618	2
98	MP3C	Z	51.3	2
99	MP3C	Mx	-.015	2
100	MP2A	X	28.593	1.5
101	MP2A	Z	49.524	1.5
102	MP2A	Mx	-.014	1.5
103	MP2B	X	28.593	1.5
104	MP2B	Z	49.524	1.5
105	MP2B	Mx	-.014	1.5
106	MP2C	X	28.593	1.5
107	MP2C	Z	49.524	1.5
108	MP2C	Mx	-.014	1.5
109	MP2A	X	5.898	3
110	MP2A	Z	10.215	3
111	MP2A	Mx	-.001	3
112	MP2B	X	5.898	3
113	MP2B	Z	10.215	3
114	MP2B	Mx	-.001	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2C	X	5.898	3
116	MP2C	Z	10.215	3
117	MP2C	Mx	-.001	3
118	OVP	X	65.961	1
119	OVP	Z	114.248	1
120	OVP	Mx	.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	52.651	.5
3	MP1A	Mx	.013	.5
4	MP1A	X	0	4
5	MP1A	Z	52.651	4
6	MP1A	Mx	.013	4
7	MP1B	X	0	.5
8	MP1B	Z	62.428	.5
9	MP1B	Mx	-.031	.5
10	MP1B	X	0	4
11	MP1B	Z	62.428	4
12	MP1B	Mx	-.031	4
13	MP1C	X	0	.5
14	MP1C	Z	52.651	.5
15	MP1C	Mx	.013	.5
16	MP1C	X	0	4
17	MP1C	Z	52.651	4
18	MP1C	Mx	.013	4
19	MP4A	X	0	.5
20	MP4A	Z	52.651	.5
21	MP4A	Mx	.013	.5
22	MP4A	X	0	4
23	MP4A	Z	52.651	4
24	MP4A	Mx	.013	4
25	MP4B	X	0	.5
26	MP4B	Z	62.428	.5
27	MP4B	Mx	-.031	.5
28	MP4B	X	0	4
29	MP4B	Z	62.428	4
30	MP4B	Mx	-.031	4
31	MP4C	X	0	.5
32	MP4C	Z	52.651	.5
33	MP4C	Mx	.013	.5
34	MP4C	X	0	4
35	MP4C	Z	52.651	4
36	MP4C	Mx	.013	4
37	MP2A	X	0	.25
38	MP2A	Z	143.831	.25
39	MP2A	Mx	.114	.25
40	MP2A	X	0	4.75
41	MP2A	Z	143.831	4.75
42	MP2A	Mx	.114	4.75
43	MP2B	X	0	.25
44	MP2B	Z	103.333	.25
45	MP2B	Mx	-.052	.25
46	MP2B	X	0	4.75
47	MP2B	Z	103.333	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	-.052	4.75
49	MP2C	X	0	.25
50	MP2C	Z	151.014	.25
51	MP2C	Mx	-.063	.25
52	MP2C	X	0	4.75
53	MP2C	Z	151.014	4.75
54	MP2C	Mx	-.063	4.75
55	MP2A	X	0	.25
56	MP2A	Z	143.831	.25
57	MP2A	Mx	-.042	.25
58	MP2A	X	0	4.75
59	MP2A	Z	143.831	4.75
60	MP2A	Mx	-.042	4.75
61	MP2B	X	0	.25
62	MP2B	Z	103.333	.25
63	MP2B	Mx	-.052	.25
64	MP2B	X	0	4.75
65	MP2B	Z	103.333	4.75
66	MP2B	Mx	-.052	4.75
67	MP2C	X	0	.25
68	MP2C	Z	151.014	.25
69	MP2C	Mx	.115	.25
70	MP2C	X	0	4.75
71	MP2C	Z	151.014	4.75
72	MP2C	Mx	.115	4.75
73	MP3A	X	0	1.5
74	MP3A	Z	68.821	1.5
75	MP3A	Mx	-.017	1.5
76	MP3A	X	0	3.5
77	MP3A	Z	68.821	3.5
78	MP3A	Mx	-.017	3.5
79	MP3B	X	0	1.5
80	MP3B	Z	31.778	1.5
81	MP3B	Mx	.016	1.5
82	MP3B	X	0	3.5
83	MP3B	Z	31.778	3.5
84	MP3B	Mx	.016	3.5
85	MP3C	X	0	1.5
86	MP3C	Z	75.392	1.5
87	MP3C	Mx	-.013	1.5
88	MP3C	X	0	3.5
89	MP3C	Z	75.392	3.5
90	MP3C	Mx	-.013	3.5
91	MP3A	X	0	2
92	MP3A	Z	48.529	2
93	MP3A	Mx	-.021	2
94	MP3B	X	0	2
95	MP3B	Z	48.529	2
96	MP3B	Mx	-.021	2
97	MP3C	X	0	2
98	MP3C	Z	48.529	2
99	MP3C	Mx	-.021	2
100	MP2A	X	0	1.5
101	MP2A	Z	42.376	1.5
102	MP2A	Mx	-.018	1.5
103	MP2B	X	0	1.5
104	MP2B	Z	42.376	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2B	Mx	-.018	1.5
106	MP2C	X	0	1.5
107	MP2C	Z	42.376	1.5
108	MP2C	Mx	-.018	1.5
109	MP2A	X	0	3
110	MP2A	Z	9.827	3
111	MP2A	Mx	-.002	3
112	MP2B	X	0	3
113	MP2B	Z	9.827	3
114	MP2B	Mx	-.002	3
115	MP2C	X	0	3
116	MP2C	Z	9.827	3
117	MP2C	Mx	-.002	3
118	OVP	X	0	1
119	OVP	Z	115.299	1
120	OVP	Mx	.014	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-29.585	.5
2	MP1A	Z	51.242	.5
3	MP1A	Mx	.026	.5
4	MP1A	X	-29.585	4
5	MP1A	Z	51.242	4
6	MP1A	Mx	.026	4
7	MP1B	X	-29.585	.5
8	MP1B	Z	51.242	.5
9	MP1B	Mx	-.026	.5
10	MP1B	X	-29.585	4
11	MP1B	Z	51.242	4
12	MP1B	Mx	-.026	4
13	MP1C	X	-24.696	.5
14	MP1C	Z	42.775	.5
15	MP1C	Mx	0	.5
16	MP1C	X	-24.696	4
17	MP1C	Z	42.775	4
18	MP1C	Mx	0	4
19	MP4A	X	-29.585	.5
20	MP4A	Z	51.242	.5
21	MP4A	Mx	.026	.5
22	MP4A	X	-29.585	4
23	MP4A	Z	51.242	4
24	MP4A	Mx	.026	4
25	MP4B	X	-29.585	.5
26	MP4B	Z	51.242	.5
27	MP4B	Mx	-.026	.5
28	MP4B	X	-29.585	4
29	MP4B	Z	51.242	4
30	MP4B	Mx	-.026	4
31	MP4C	X	-24.696	.5
32	MP4C	Z	42.775	.5
33	MP4C	Mx	0	.5
34	MP4C	X	-24.696	4
35	MP4C	Z	42.775	4
36	MP4C	Mx	0	4
37	MP2A	X	-58.416	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	101.18	.25
39	MP2A	Mx	.087	.25
40	MP2A	X	-58.416	4.75
41	MP2A	Z	101.18	4.75
42	MP2A	Mx	.087	4.75
43	MP2B	X	-58.416	.25
44	MP2B	Z	101.18	.25
45	MP2B	Mx	-.014	.25
46	MP2B	X	-58.416	4.75
47	MP2B	Z	101.18	4.75
48	MP2B	Mx	-.014	4.75
49	MP2C	X	-77.851	.25
50	MP2C	Z	134.842	.25
51	MP2C	Mx	-.109	.25
52	MP2C	X	-77.851	4.75
53	MP2C	Z	134.842	4.75
54	MP2C	Mx	-.109	4.75
55	MP2A	X	-58.416	.25
56	MP2A	Z	101.18	.25
57	MP2A	Mx	.014	.25
58	MP2A	X	-58.416	4.75
59	MP2A	Z	101.18	4.75
60	MP2A	Mx	.014	4.75
61	MP2B	X	-58.416	.25
62	MP2B	Z	101.18	.25
63	MP2B	Mx	-.087	.25
64	MP2B	X	-58.416	4.75
65	MP2B	Z	101.18	4.75
66	MP2B	Mx	-.087	4.75
67	MP2C	X	-77.851	.25
68	MP2C	Z	134.842	.25
69	MP2C	Mx	.082	.25
70	MP2C	X	-77.851	4.75
71	MP2C	Z	134.842	4.75
72	MP2C	Mx	.082	4.75
73	MP3A	X	-22.063	1.5
74	MP3A	Z	38.214	1.5
75	MP3A	Mx	-.019	1.5
76	MP3A	X	-22.063	3.5
77	MP3A	Z	38.214	3.5
78	MP3A	Mx	-.019	3.5
79	MP3B	X	-22.063	1.5
80	MP3B	Z	38.214	1.5
81	MP3B	Mx	.019	1.5
82	MP3B	X	-22.063	3.5
83	MP3B	Z	38.214	3.5
84	MP3B	Mx	.019	3.5
85	MP3C	X	-39.84	1.5
86	MP3C	Z	69.005	1.5
87	MP3C	Mx	.007	1.5
88	MP3C	X	-39.84	3.5
89	MP3C	Z	69.005	3.5
90	MP3C	Mx	.007	3.5
91	MP3A	X	-21.588	2
92	MP3A	Z	37.391	2
93	MP3A	Mx	-.022	2
94	MP3B	X	-21.588	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3B	Z	37.391	2
96	MP3B	Mx	-.022	2
97	MP3C	X	-21.588	2
98	MP3C	Z	37.391	2
99	MP3C	Mx	-.022	2
100	MP2A	X	-17.486	1.5
101	MP2A	Z	30.287	1.5
102	MP2A	Mx	-.017	1.5
103	MP2B	X	-17.486	1.5
104	MP2B	Z	30.287	1.5
105	MP2B	Mx	-.017	1.5
106	MP2C	X	-17.486	1.5
107	MP2C	Z	30.287	1.5
108	MP2C	Mx	-.017	1.5
109	MP2A	X	-4.421	3
110	MP2A	Z	7.658	3
111	MP2A	Mx	-.002	3
112	MP2B	X	-4.421	3
113	MP2B	Z	7.658	3
114	MP2B	Mx	-.002	3
115	MP2C	X	-4.421	3
116	MP2C	Z	7.658	3
117	MP2C	Mx	-.002	3
118	OVP	X	-53.494	1
119	OVP	Z	92.654	1
120	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-54.064	.5
2	MP1A	Z	31.214	.5
3	MP1A	Mx	.031	.5
4	MP1A	X	-54.064	4
5	MP1A	Z	31.214	4
6	MP1A	Mx	.031	4
7	MP1B	X	-45.597	.5
8	MP1B	Z	26.326	.5
9	MP1B	Mx	-.013	.5
10	MP1B	X	-45.597	4
11	MP1B	Z	26.326	4
12	MP1B	Mx	-.013	4
13	MP1C	X	-45.597	.5
14	MP1C	Z	26.326	.5
15	MP1C	Mx	-.013	.5
16	MP1C	X	-45.597	4
17	MP1C	Z	26.326	4
18	MP1C	Mx	-.013	4
19	MP4A	X	-54.064	.5
20	MP4A	Z	31.214	.5
21	MP4A	Mx	.031	.5
22	MP4A	X	-54.064	4
23	MP4A	Z	31.214	4
24	MP4A	Mx	.031	4
25	MP4B	X	-45.597	.5
26	MP4B	Z	26.326	.5
27	MP4B	Mx	-.013	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4B	X	-45.597	4
29	MP4B	Z	26.326	4
30	MP4B	Mx	-.013	4
31	MP4C	X	-45.597	.5
32	MP4C	Z	26.326	.5
33	MP4C	Mx	-.013	.5
34	MP4C	X	-45.597	4
35	MP4C	Z	26.326	4
36	MP4C	Mx	-.013	4
37	MP2A	X	-89.489	.25
38	MP2A	Z	51.666	.25
39	MP2A	Mx	.052	.25
40	MP2A	X	-89.489	4.75
41	MP2A	Z	51.666	4.75
42	MP2A	Mx	.052	4.75
43	MP2B	X	-124.561	.25
44	MP2B	Z	71.915	.25
45	MP2B	Mx	.042	.25
46	MP2B	X	-124.561	4.75
47	MP2B	Z	71.915	4.75
48	MP2B	Mx	.042	4.75
49	MP2C	X	-116.931	.25
50	MP2C	Z	67.51	.25
51	MP2C	Mx	-.108	.25
52	MP2C	X	-116.931	4.75
53	MP2C	Z	67.51	4.75
54	MP2C	Mx	-.108	4.75
55	MP2A	X	-89.489	.25
56	MP2A	Z	51.666	.25
57	MP2A	Mx	.052	.25
58	MP2A	X	-89.489	4.75
59	MP2A	Z	51.666	4.75
60	MP2A	Mx	.052	4.75
61	MP2B	X	-124.561	.25
62	MP2B	Z	71.915	.25
63	MP2B	Mx	-.114	.25
64	MP2B	X	-124.561	4.75
65	MP2B	Z	71.915	4.75
66	MP2B	Mx	-.114	4.75
67	MP2C	X	-116.931	.25
68	MP2C	Z	67.51	.25
69	MP2C	Mx	.021	.25
70	MP2C	X	-116.931	4.75
71	MP2C	Z	67.51	4.75
72	MP2C	Mx	.021	4.75
73	MP3A	X	-27.52	1.5
74	MP3A	Z	15.889	1.5
75	MP3A	Mx	-.016	1.5
76	MP3A	X	-27.52	3.5
77	MP3A	Z	15.889	3.5
78	MP3A	Mx	-.016	3.5
79	MP3B	X	-59.601	1.5
80	MP3B	Z	34.411	1.5
81	MP3B	Mx	.017	1.5
82	MP3B	X	-59.601	3.5
83	MP3B	Z	34.411	3.5
84	MP3B	Mx	.017	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3C	X	-52.621	1.5
86	MP3C	Z	30.381	1.5
87	MP3C	Mx	.02	1.5
88	MP3C	X	-52.621	3.5
89	MP3C	Z	30.381	3.5
90	MP3C	Mx	.02	3.5
91	MP3A	X	-42.027	2
92	MP3A	Z	24.264	2
93	MP3A	Mx	-.021	2
94	MP3B	X	-42.027	2
95	MP3B	Z	24.264	2
96	MP3B	Mx	-.021	2
97	MP3C	X	-42.027	2
98	MP3C	Z	24.264	2
99	MP3C	Mx	-.021	2
100	MP2A	X	-36.699	1.5
101	MP2A	Z	21.188	1.5
102	MP2A	Mx	-.018	1.5
103	MP2B	X	-36.699	1.5
104	MP2B	Z	21.188	1.5
105	MP2B	Mx	-.018	1.5
106	MP2C	X	-36.699	1.5
107	MP2C	Z	21.188	1.5
108	MP2C	Mx	-.018	1.5
109	MP2A	X	-8.51	3
110	MP2A	Z	4.913	3
111	MP2A	Mx	-.002	3
112	MP2B	X	-8.51	3
113	MP2B	Z	4.913	3
114	MP2B	Mx	-.002	3
115	MP2C	X	-8.51	3
116	MP2C	Z	4.913	3
117	MP2C	Mx	-.002	3
118	OVP	X	-99.852	1
119	OVP	Z	57.65	1
120	OVP	Mx	-.014	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-59.169	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.026	.5
4	MP1A	X	-59.169	4
5	MP1A	Z	0	4
6	MP1A	Mx	.026	4
7	MP1B	X	-49.392	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	0	.5
10	MP1B	X	-49.392	4
11	MP1B	Z	0	4
12	MP1B	Mx	0	4
13	MP1C	X	-59.169	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	-.026	.5
16	MP1C	X	-59.169	4
17	MP1C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	-.026	4
19	MP4A	X	-59.169	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	.026	.5
22	MP4A	X	-59.169	4
23	MP4A	Z	0	4
24	MP4A	Mx	.026	4
25	MP4B	X	-49.392	.5
26	MP4B	Z	0	.5
27	MP4B	Mx	0	.5
28	MP4B	X	-49.392	4
29	MP4B	Z	0	4
30	MP4B	Mx	0	4
31	MP4C	X	-59.169	.5
32	MP4C	Z	0	.5
33	MP4C	Mx	-.026	.5
34	MP4C	X	-59.169	4
35	MP4C	Z	0	4
36	MP4C	Mx	-.026	4
37	MP2A	X	-116.832	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	.014	.25
40	MP2A	X	-116.832	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	.014	4.75
43	MP2B	X	-157.33	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	.098	.25
46	MP2B	X	-157.33	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	.098	4.75
49	MP2C	X	-109.649	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	-.075	.25
52	MP2C	X	-109.649	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	-.075	4.75
55	MP2A	X	-116.832	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	.087	.25
58	MP2A	X	-116.832	4.75
59	MP2A	Z	0	4.75
60	MP2A	Mx	.087	4.75
61	MP2B	X	-157.33	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.098	.25
64	MP2B	X	-157.33	4.75
65	MP2B	Z	0	4.75
66	MP2B	Mx	-.098	4.75
67	MP2C	X	-109.649	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	-.028	.25
70	MP2C	X	-109.649	4.75
71	MP2C	Z	0	4.75
72	MP2C	Mx	-.028	4.75
73	MP3A	X	-44.126	1.5
74	MP3A	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	-.019	1.5
76	MP3A	X	-44.126	3.5
77	MP3A	Z	0	3.5
78	MP3A	Mx	-.019	3.5
79	MP3B	X	-81.169	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	0	1.5
82	MP3B	X	-81.169	3.5
83	MP3B	Z	0	3.5
84	MP3B	Mx	0	3.5
85	MP3C	X	-37.555	1.5
86	MP3C	Z	0	1.5
87	MP3C	Mx	.018	1.5
88	MP3C	X	-37.555	3.5
89	MP3C	Z	0	3.5
90	MP3C	Mx	.018	3.5
91	MP3A	X	-59.236	2
92	MP3A	Z	0	2
93	MP3A	Mx	-.015	2
94	MP3B	X	-59.236	2
95	MP3B	Z	0	2
96	MP3B	Mx	-.015	2
97	MP3C	X	-59.236	2
98	MP3C	Z	0	2
99	MP3C	Mx	-.015	2
100	MP2A	X	-57.186	1.5
101	MP2A	Z	0	1.5
102	MP2A	Mx	-.014	1.5
103	MP2B	X	-57.186	1.5
104	MP2B	Z	0	1.5
105	MP2B	Mx	-.014	1.5
106	MP2C	X	-57.186	1.5
107	MP2C	Z	0	1.5
108	MP2C	Mx	-.014	1.5
109	MP2A	X	-11.795	3
110	MP2A	Z	0	3
111	MP2A	Mx	-.001	3
112	MP2B	X	-11.795	3
113	MP2B	Z	0	3
114	MP2B	Mx	-.001	3
115	MP2C	X	-11.795	3
116	MP2C	Z	0	3
117	MP2C	Mx	-.001	3
118	OVP	X	-131.922	1
119	OVP	Z	0	1
120	OVP	Mx	-.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-45.597	.5
2	MP1A	Z	-26.326	.5
3	MP1A	Mx	.013	.5
4	MP1A	X	-45.597	4
5	MP1A	Z	-26.326	4
6	MP1A	Mx	.013	4
7	MP1B	X	-45.597	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	-26.326	.5
9	MP1B	Mx	.013	.5
10	MP1B	X	-45.597	4
11	MP1B	Z	-26.326	4
12	MP1B	Mx	.013	4
13	MP1C	X	-54.064	.5
14	MP1C	Z	-31.214	.5
15	MP1C	Mx	-.031	.5
16	MP1C	X	-54.064	4
17	MP1C	Z	-31.214	4
18	MP1C	Mx	-.031	4
19	MP4A	X	-45.597	.5
20	MP4A	Z	-26.326	.5
21	MP4A	Mx	.013	.5
22	MP4A	X	-45.597	4
23	MP4A	Z	-26.326	4
24	MP4A	Mx	.013	4
25	MP4B	X	-45.597	.5
26	MP4B	Z	-26.326	.5
27	MP4B	Mx	.013	.5
28	MP4B	X	-45.597	4
29	MP4B	Z	-26.326	4
30	MP4B	Mx	.013	4
31	MP4C	X	-54.064	.5
32	MP4C	Z	-31.214	.5
33	MP4C	Mx	-.031	.5
34	MP4C	X	-54.064	4
35	MP4C	Z	-31.214	4
36	MP4C	Mx	-.031	4
37	MP2A	X	-124.561	.25
38	MP2A	Z	-71.915	.25
39	MP2A	Mx	-.042	.25
40	MP2A	X	-124.561	4.75
41	MP2A	Z	-71.915	4.75
42	MP2A	Mx	-.042	4.75
43	MP2B	X	-124.561	.25
44	MP2B	Z	-71.915	.25
45	MP2B	Mx	.114	.25
46	MP2B	X	-124.561	4.75
47	MP2B	Z	-71.915	4.75
48	MP2B	Mx	.114	4.75
49	MP2C	X	-90.899	.25
50	MP2C	Z	-52.48	.25
51	MP2C	Mx	-.04	.25
52	MP2C	X	-90.899	4.75
53	MP2C	Z	-52.48	4.75
54	MP2C	Mx	-.04	4.75
55	MP2A	X	-124.561	.25
56	MP2A	Z	-71.915	.25
57	MP2A	Mx	.114	.25
58	MP2A	X	-124.561	4.75
59	MP2A	Z	-71.915	4.75
60	MP2A	Mx	.114	4.75
61	MP2B	X	-124.561	.25
62	MP2B	Z	-71.915	.25
63	MP2B	Mx	-.042	.25
64	MP2B	X	-124.561	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	-71.915	4.75
66	MP2B	Mx	-.042	4.75
67	MP2C	X	-90.899	.25
68	MP2C	Z	-52.48	.25
69	MP2C	Mx	-.063	.25
70	MP2C	X	-90.899	4.75
71	MP2C	Z	-52.48	4.75
72	MP2C	Mx	-.063	4.75
73	MP3A	X	-59.601	1.5
74	MP3A	Z	-34.411	1.5
75	MP3A	Mx	-.017	1.5
76	MP3A	X	-59.601	3.5
77	MP3A	Z	-34.411	3.5
78	MP3A	Mx	-.017	3.5
79	MP3B	X	-59.601	1.5
80	MP3B	Z	-34.411	1.5
81	MP3B	Mx	-.017	1.5
82	MP3B	X	-59.601	3.5
83	MP3B	Z	-34.411	3.5
84	MP3B	Mx	-.017	3.5
85	MP3C	X	-28.81	1.5
86	MP3C	Z	-16.634	1.5
87	MP3C	Mx	.016	1.5
88	MP3C	X	-28.81	3.5
89	MP3C	Z	-16.634	3.5
90	MP3C	Mx	.016	3.5
91	MP3A	X	-55.937	2
92	MP3A	Z	-32.295	2
93	MP3A	Mx	0	2
94	MP3B	X	-55.937	2
95	MP3B	Z	-32.295	2
96	MP3B	Mx	0	2
97	MP3C	X	-55.937	2
98	MP3C	Z	-32.295	2
99	MP3C	Mx	0	2
100	MP2A	X	-55.937	1.5
101	MP2A	Z	-32.295	1.5
102	MP2A	Mx	0	1.5
103	MP2B	X	-55.937	1.5
104	MP2B	Z	-32.295	1.5
105	MP2B	Mx	0	1.5
106	MP2C	X	-55.937	1.5
107	MP2C	Z	-32.295	1.5
108	MP2C	Mx	0	1.5
109	MP2A	X	-11.068	3
110	MP2A	Z	-6.39	3
111	MP2A	Mx	0	3
112	MP2B	X	-11.068	3
113	MP2B	Z	-6.39	3
114	MP2B	Mx	0	3
115	MP2C	X	-11.068	3
116	MP2C	Z	-6.39	3
117	MP2C	Mx	0	3
118	OVP	X	-121.445	1
119	OVP	Z	-70.117	1
120	OVP	Mx	-.035	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-24.696	.5
2	MP1A	Z	-42.775	.5
3	MP1A	Mx	0	.5
4	MP1A	X	-24.696	4
5	MP1A	Z	-42.775	4
6	MP1A	Mx	0	4
7	MP1B	X	-29.585	.5
8	MP1B	Z	-51.242	.5
9	MP1B	Mx	.026	.5
10	MP1B	X	-29.585	4
11	MP1B	Z	-51.242	4
12	MP1B	Mx	.026	4
13	MP1C	X	-29.585	.5
14	MP1C	Z	-51.242	.5
15	MP1C	Mx	-.026	.5
16	MP1C	X	-29.585	4
17	MP1C	Z	-51.242	4
18	MP1C	Mx	-.026	4
19	MP4A	X	-24.696	.5
20	MP4A	Z	-42.775	.5
21	MP4A	Mx	0	.5
22	MP4A	X	-24.696	4
23	MP4A	Z	-42.775	4
24	MP4A	Mx	0	4
25	MP4B	X	-29.585	.5
26	MP4B	Z	-51.242	.5
27	MP4B	Mx	.026	.5
28	MP4B	X	-29.585	4
29	MP4B	Z	-51.242	4
30	MP4B	Mx	.026	4
31	MP4C	X	-29.585	.5
32	MP4C	Z	-51.242	.5
33	MP4C	Mx	-.026	.5
34	MP4C	X	-29.585	4
35	MP4C	Z	-51.242	4
36	MP4C	Mx	-.026	4
37	MP2A	X	-78.665	.25
38	MP2A	Z	-136.252	.25
39	MP2A	Mx	-.098	.25
40	MP2A	X	-78.665	4.75
41	MP2A	Z	-136.252	4.75
42	MP2A	Mx	-.098	4.75
43	MP2B	X	-58.416	.25
44	MP2B	Z	-101.18	.25
45	MP2B	Mx	.087	.25
46	MP2B	X	-58.416	4.75
47	MP2B	Z	-101.18	4.75
48	MP2B	Mx	.087	4.75
49	MP2C	X	-62.822	.25
50	MP2C	Z	-108.81	.25
51	MP2C	Mx	.002	.25
52	MP2C	X	-62.822	4.75
53	MP2C	Z	-108.81	4.75
54	MP2C	Mx	.002	4.75
55	MP2A	X	-78.665	.25
56	MP2A	Z	-136.252	.25
57	MP2A	Mx	.098	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-78.665	4.75
59	MP2A	Z	-136.252	4.75
60	MP2A	Mx	.098	4.75
61	MP2B	X	-58.416	.25
62	MP2B	Z	-101.18	.25
63	MP2B	Mx	.014	.25
64	MP2B	X	-58.416	4.75
65	MP2B	Z	-101.18	4.75
66	MP2B	Mx	.014	4.75
67	MP2C	X	-62.822	.25
68	MP2C	Z	-108.81	.25
69	MP2C	Mx	-.099	.25
70	MP2C	X	-62.822	4.75
71	MP2C	Z	-108.81	4.75
72	MP2C	Mx	-.099	4.75
73	MP3A	X	-40.585	1.5
74	MP3A	Z	-70.295	1.5
75	MP3A	Mx	0	1.5
76	MP3A	X	-40.585	3.5
77	MP3A	Z	-70.295	3.5
78	MP3A	Mx	0	3.5
79	MP3B	X	-22.063	1.5
80	MP3B	Z	-38.214	1.5
81	MP3B	Mx	-.019	1.5
82	MP3B	X	-22.063	3.5
83	MP3B	Z	-38.214	3.5
84	MP3B	Mx	-.019	3.5
85	MP3C	X	-26.093	1.5
86	MP3C	Z	-45.194	1.5
87	MP3C	Mx	.02	1.5
88	MP3C	X	-26.093	3.5
89	MP3C	Z	-45.194	3.5
90	MP3C	Mx	.02	3.5
91	MP3A	X	-29.618	2
92	MP3A	Z	-51.3	2
93	MP3A	Mx	.015	2
94	MP3B	X	-29.618	2
95	MP3B	Z	-51.3	2
96	MP3B	Mx	.015	2
97	MP3C	X	-29.618	2
98	MP3C	Z	-51.3	2
99	MP3C	Mx	.015	2
100	MP2A	X	-28.593	1.5
101	MP2A	Z	-49.524	1.5
102	MP2A	Mx	.014	1.5
103	MP2B	X	-28.593	1.5
104	MP2B	Z	-49.524	1.5
105	MP2B	Mx	.014	1.5
106	MP2C	X	-28.593	1.5
107	MP2C	Z	-49.524	1.5
108	MP2C	Mx	.014	1.5
109	MP2A	X	-5.898	3
110	MP2A	Z	-10.215	3
111	MP2A	Mx	.001	3
112	MP2B	X	-5.898	3
113	MP2B	Z	-10.215	3
114	MP2B	Mx	.001	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2C	X	-5.898	3
116	MP2C	Z	-10.215	3
117	MP2C	Mx	.001	3
118	OVP	X	-65.961	1
119	OVP	Z	-114.248	1
120	OVP	Mx	-.029	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-10.292	.5
3	MP1A	Mx	-.003	.5
4	MP1A	X	0	4
5	MP1A	Z	-10.292	4
6	MP1A	Mx	-.003	4
7	MP1B	X	0	.5
8	MP1B	Z	-11.933	.5
9	MP1B	Mx	.006	.5
10	MP1B	X	0	4
11	MP1B	Z	-11.933	4
12	MP1B	Mx	.006	4
13	MP1C	X	0	.5
14	MP1C	Z	-10.292	.5
15	MP1C	Mx	-.003	.5
16	MP1C	X	0	4
17	MP1C	Z	-10.292	4
18	MP1C	Mx	-.003	4
19	MP4A	X	0	.5
20	MP4A	Z	-10.292	.5
21	MP4A	Mx	-.003	.5
22	MP4A	X	0	4
23	MP4A	Z	-10.292	4
24	MP4A	Mx	-.003	4
25	MP4B	X	0	.5
26	MP4B	Z	-11.933	.5
27	MP4B	Mx	.006	.5
28	MP4B	X	0	4
29	MP4B	Z	-11.933	4
30	MP4B	Mx	.006	4
31	MP4C	X	0	.5
32	MP4C	Z	-10.292	.5
33	MP4C	Mx	-.003	.5
34	MP4C	X	0	4
35	MP4C	Z	-10.292	4
36	MP4C	Mx	-.003	4
37	MP2A	X	0	.25
38	MP2A	Z	-26.207	.25
39	MP2A	Mx	-.021	.25
40	MP2A	X	0	4.75
41	MP2A	Z	-26.207	4.75
42	MP2A	Mx	-.021	4.75
43	MP2B	X	0	.25
44	MP2B	Z	-19.416	.25
45	MP2B	Mx	.01	.25
46	MP2B	X	0	4.75
47	MP2B	Z	-19.416	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	.01	4.75
49	MP2C	X	0	.25
50	MP2C	Z	-27.411	.25
51	MP2C	Mx	.011	.25
52	MP2C	X	0	4.75
53	MP2C	Z	-27.411	4.75
54	MP2C	Mx	.011	4.75
55	MP2A	X	0	.25
56	MP2A	Z	-26.207	.25
57	MP2A	Mx	.008	.25
58	MP2A	X	0	4.75
59	MP2A	Z	-26.207	4.75
60	MP2A	Mx	.008	4.75
61	MP2B	X	0	.25
62	MP2B	Z	-19.416	.25
63	MP2B	Mx	.01	.25
64	MP2B	X	0	4.75
65	MP2B	Z	-19.416	4.75
66	MP2B	Mx	.01	4.75
67	MP2C	X	0	.25
68	MP2C	Z	-27.411	.25
69	MP2C	Mx	-.021	.25
70	MP2C	X	0	4.75
71	MP2C	Z	-27.411	4.75
72	MP2C	Mx	-.021	4.75
73	MP3A	X	0	1.5
74	MP3A	Z	-12.966	1.5
75	MP3A	Mx	.003	1.5
76	MP3A	X	0	3.5
77	MP3A	Z	-12.966	3.5
78	MP3A	Mx	.003	3.5
79	MP3B	X	0	1.5
80	MP3B	Z	-6.445	1.5
81	MP3B	Mx	-.003	1.5
82	MP3B	X	0	3.5
83	MP3B	Z	-6.445	3.5
84	MP3B	Mx	-.003	3.5
85	MP3C	X	0	1.5
86	MP3C	Z	-14.122	1.5
87	MP3C	Mx	.002	1.5
88	MP3C	X	0	3.5
89	MP3C	Z	-14.122	3.5
90	MP3C	Mx	.002	3.5
91	MP3A	X	0	2
92	MP3A	Z	-9.841	2
93	MP3A	Mx	.004	2
94	MP3B	X	0	2
95	MP3B	Z	-9.841	2
96	MP3B	Mx	.004	2
97	MP3C	X	0	2
98	MP3C	Z	-9.841	2
99	MP3C	Mx	.004	2
100	MP2A	X	0	1.5
101	MP2A	Z	-8.733	1.5
102	MP2A	Mx	.004	1.5
103	MP2B	X	0	1.5
104	MP2B	Z	-8.733	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2B	Mx	.004	1.5
106	MP2C	X	0	1.5
107	MP2C	Z	-8.733	1.5
108	MP2C	Mx	.004	1.5
109	MP2A	X	0	3
110	MP2A	Z	-2.512	3
111	MP2A	Mx	.000544	3
112	MP2B	X	0	3
113	MP2B	Z	-2.512	3
114	MP2B	Mx	.000544	3
115	MP2C	X	0	3
116	MP2C	Z	-2.512	3
117	MP2C	Mx	.000544	3
118	OVP	X	0	1
119	OVP	Z	-21.931	1
120	OVP	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	5.693	.5
2	MP1A	Z	-9.86	.5
3	MP1A	Mx	-.005	.5
4	MP1A	X	5.693	4
5	MP1A	Z	-9.86	4
6	MP1A	Mx	-.005	4
7	MP1B	X	5.693	.5
8	MP1B	Z	-9.86	.5
9	MP1B	Mx	.005	.5
10	MP1B	X	5.693	4
11	MP1B	Z	-9.86	4
12	MP1B	Mx	.005	4
13	MP1C	X	4.873	.5
14	MP1C	Z	-8.44	.5
15	MP1C	Mx	0	.5
16	MP1C	X	4.873	4
17	MP1C	Z	-8.44	4
18	MP1C	Mx	0	4
19	MP4A	X	5.693	.5
20	MP4A	Z	-9.86	.5
21	MP4A	Mx	-.005	.5
22	MP4A	X	5.693	4
23	MP4A	Z	-9.86	4
24	MP4A	Mx	-.005	4
25	MP4B	X	5.693	.5
26	MP4B	Z	-9.86	.5
27	MP4B	Mx	.005	.5
28	MP4B	X	5.693	4
29	MP4B	Z	-9.86	4
30	MP4B	Mx	.005	4
31	MP4C	X	4.873	.5
32	MP4C	Z	-8.44	.5
33	MP4C	Mx	0	.5
34	MP4C	X	4.873	4
35	MP4C	Z	-8.44	4
36	MP4C	Mx	0	4
37	MP2A	X	10.84	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-18.775	.25
39	MP2A	Mx	-.016	.25
40	MP2A	X	10.84	4.75
41	MP2A	Z	-18.775	4.75
42	MP2A	Mx	-.016	4.75
43	MP2B	X	10.84	.25
44	MP2B	Z	-18.775	.25
45	MP2B	Mx	.003	.25
46	MP2B	X	10.84	4.75
47	MP2B	Z	-18.775	4.75
48	MP2B	Mx	.003	4.75
49	MP2C	X	14.099	.25
50	MP2C	Z	-24.42	.25
51	MP2C	Mx	.02	.25
52	MP2C	X	14.099	4.75
53	MP2C	Z	-24.42	4.75
54	MP2C	Mx	.02	4.75
55	MP2A	X	10.84	.25
56	MP2A	Z	-18.775	.25
57	MP2A	Mx	-.003	.25
58	MP2A	X	10.84	4.75
59	MP2A	Z	-18.775	4.75
60	MP2A	Mx	-.003	4.75
61	MP2B	X	10.84	.25
62	MP2B	Z	-18.775	.25
63	MP2B	Mx	.016	.25
64	MP2B	X	10.84	4.75
65	MP2B	Z	-18.775	4.75
66	MP2B	Mx	.016	4.75
67	MP2C	X	14.099	.25
68	MP2C	Z	-24.42	.25
69	MP2C	Mx	-.015	.25
70	MP2C	X	14.099	4.75
71	MP2C	Z	-24.42	4.75
72	MP2C	Mx	-.015	4.75
73	MP3A	X	4.309	1.5
74	MP3A	Z	-7.464	1.5
75	MP3A	Mx	.004	1.5
76	MP3A	X	4.309	3.5
77	MP3A	Z	-7.464	3.5
78	MP3A	Mx	.004	3.5
79	MP3B	X	4.309	1.5
80	MP3B	Z	-7.464	1.5
81	MP3B	Mx	-.004	1.5
82	MP3B	X	4.309	3.5
83	MP3B	Z	-7.464	3.5
84	MP3B	Mx	-.004	3.5
85	MP3C	X	7.439	1.5
86	MP3C	Z	-12.884	1.5
87	MP3C	Mx	-.001	1.5
88	MP3C	X	7.439	3.5
89	MP3C	Z	-12.884	3.5
90	MP3C	Mx	-.001	3.5
91	MP3A	X	4.435	2
92	MP3A	Z	-7.681	2
93	MP3A	Mx	.004	2
94	MP3B	X	4.435	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3B	Z	-7.681	2
96	MP3B	Mx	.004	2
97	MP3C	X	4.435	2
98	MP3C	Z	-7.681	2
99	MP3C	Mx	.004	2
100	MP2A	X	3.697	1.5
101	MP2A	Z	-6.403	1.5
102	MP2A	Mx	.004	1.5
103	MP2B	X	3.697	1.5
104	MP2B	Z	-6.403	1.5
105	MP2B	Mx	.004	1.5
106	MP2C	X	3.697	1.5
107	MP2C	Z	-6.403	1.5
108	MP2C	Mx	.004	1.5
109	MP2A	X	1.159	3
110	MP2A	Z	-2.008	3
111	MP2A	Mx	.00058	3
112	MP2B	X	1.159	3
113	MP2B	Z	-2.008	3
114	MP2B	Mx	.00058	3
115	MP2C	X	1.159	3
116	MP2C	Z	-2.008	3
117	MP2C	Mx	.00058	3
118	OVP	X	10.251	1
119	OVP	Z	-17.755	1
120	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	10.334	.5
2	MP1A	Z	-5.966	.5
3	MP1A	Mx	-.006	.5
4	MP1A	X	10.334	4
5	MP1A	Z	-5.966	4
6	MP1A	Mx	-.006	4
7	MP1B	X	8.913	.5
8	MP1B	Z	-5.146	.5
9	MP1B	Mx	.003	.5
10	MP1B	X	8.913	4
11	MP1B	Z	-5.146	4
12	MP1B	Mx	.003	4
13	MP1C	X	8.913	.5
14	MP1C	Z	-5.146	.5
15	MP1C	Mx	.003	.5
16	MP1C	X	8.913	4
17	MP1C	Z	-5.146	4
18	MP1C	Mx	.003	4
19	MP4A	X	10.334	.5
20	MP4A	Z	-5.966	.5
21	MP4A	Mx	-.006	.5
22	MP4A	X	10.334	4
23	MP4A	Z	-5.966	4
24	MP4A	Mx	-.006	4
25	MP4B	X	8.913	.5
26	MP4B	Z	-5.146	.5
27	MP4B	Mx	.003	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4B	X	8.913	4
29	MP4B	Z	-5.146	4
30	MP4B	Mx	.003	4
31	MP4C	X	8.913	.5
32	MP4C	Z	-5.146	.5
33	MP4C	Mx	.003	.5
34	MP4C	X	8.913	4
35	MP4C	Z	-5.146	4
36	MP4C	Mx	.003	4
37	MP2A	X	16.815	.25
38	MP2A	Z	-9.708	.25
39	MP2A	Mx	-.01	.25
40	MP2A	X	16.815	4.75
41	MP2A	Z	-9.708	4.75
42	MP2A	Mx	-.01	4.75
43	MP2B	X	22.696	.25
44	MP2B	Z	-13.103	.25
45	MP2B	Mx	-.008	.25
46	MP2B	X	22.696	4.75
47	MP2B	Z	-13.103	4.75
48	MP2B	Mx	-.008	4.75
49	MP2C	X	21.416	.25
50	MP2C	Z	-12.365	.25
51	MP2C	Mx	.02	.25
52	MP2C	X	21.416	4.75
53	MP2C	Z	-12.365	4.75
54	MP2C	Mx	.02	4.75
55	MP2A	X	16.815	.25
56	MP2A	Z	-9.708	.25
57	MP2A	Mx	-.01	.25
58	MP2A	X	16.815	4.75
59	MP2A	Z	-9.708	4.75
60	MP2A	Mx	-.01	4.75
61	MP2B	X	22.696	.25
62	MP2B	Z	-13.103	.25
63	MP2B	Mx	.021	.25
64	MP2B	X	22.696	4.75
65	MP2B	Z	-13.103	4.75
66	MP2B	Mx	.021	4.75
67	MP2C	X	21.416	.25
68	MP2C	Z	-12.365	.25
69	MP2C	Mx	-.004	.25
70	MP2C	X	21.416	4.75
71	MP2C	Z	-12.365	4.75
72	MP2C	Mx	-.004	4.75
73	MP3A	X	5.581	1.5
74	MP3A	Z	-3.222	1.5
75	MP3A	Mx	.003	1.5
76	MP3A	X	5.581	3.5
77	MP3A	Z	-3.222	3.5
78	MP3A	Mx	.003	3.5
79	MP3B	X	11.229	1.5
80	MP3B	Z	-6.483	1.5
81	MP3B	Mx	-.003	1.5
82	MP3B	X	11.229	3.5
83	MP3B	Z	-6.483	3.5
84	MP3B	Mx	-.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3C	X	10	1.5
86	MP3C	Z	-5.774	1.5
87	MP3C	Mx	-.004	1.5
88	MP3C	X	10	3.5
89	MP3C	Z	-5.774	3.5
90	MP3C	Mx	-.004	3.5
91	MP3A	X	8.522	2
92	MP3A	Z	-4.92	2
93	MP3A	Mx	.004	2
94	MP3B	X	8.522	2
95	MP3B	Z	-4.92	2
96	MP3B	Mx	.004	2
97	MP3C	X	8.522	2
98	MP3C	Z	-4.92	2
99	MP3C	Mx	.004	2
100	MP2A	X	7.563	1.5
101	MP2A	Z	-4.367	1.5
102	MP2A	Mx	.004	1.5
103	MP2B	X	7.563	1.5
104	MP2B	Z	-4.367	1.5
105	MP2B	Mx	.004	1.5
106	MP2C	X	7.563	1.5
107	MP2C	Z	-4.367	1.5
108	MP2C	Mx	.004	1.5
109	MP2A	X	2.175	3
110	MP2A	Z	-1.256	3
111	MP2A	Mx	.000544	3
112	MP2B	X	2.175	3
113	MP2B	Z	-1.256	3
114	MP2B	Mx	.000544	3
115	MP2C	X	2.175	3
116	MP2C	Z	-1.256	3
117	MP2C	Mx	.000544	3
118	OVP	X	18.993	1
119	OVP	Z	-10.966	1
120	OVP	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	11.386	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.005	.5
4	MP1A	X	11.386	4
5	MP1A	Z	0	4
6	MP1A	Mx	-.005	4
7	MP1B	X	9.745	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	0	.5
10	MP1B	X	9.745	4
11	MP1B	Z	0	4
12	MP1B	Mx	0	4
13	MP1C	X	11.386	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	.005	.5
16	MP1C	X	11.386	4
17	MP1C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	.005	4
19	MP4A	X	11.386	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	-.005	.5
22	MP4A	X	11.386	4
23	MP4A	Z	0	4
24	MP4A	Mx	-.005	4
25	MP4B	X	9.745	.5
26	MP4B	Z	0	.5
27	MP4B	Mx	0	.5
28	MP4B	X	9.745	4
29	MP4B	Z	0	4
30	MP4B	Mx	0	4
31	MP4C	X	11.386	.5
32	MP4C	Z	0	.5
33	MP4C	Mx	.005	.5
34	MP4C	X	11.386	4
35	MP4C	Z	0	4
36	MP4C	Mx	.005	4
37	MP2A	X	21.679	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	-.003	.25
40	MP2A	X	21.679	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	-.003	4.75
43	MP2B	X	28.47	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	-.018	.25
46	MP2B	X	28.47	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	-.018	4.75
49	MP2C	X	20.475	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.014	.25
52	MP2C	X	20.475	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	.014	4.75
55	MP2A	X	21.679	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	-.016	.25
58	MP2A	X	21.679	4.75
59	MP2A	Z	0	4.75
60	MP2A	Mx	-.016	4.75
61	MP2B	X	28.47	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.018	.25
64	MP2B	X	28.47	4.75
65	MP2B	Z	0	4.75
66	MP2B	Mx	.018	4.75
67	MP2C	X	20.475	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	.005	.25
70	MP2C	X	20.475	4.75
71	MP2C	Z	0	4.75
72	MP2C	Mx	.005	4.75
73	MP3A	X	8.618	1.5
74	MP3A	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	.004	1.5
76	MP3A	X	8.618	3.5
77	MP3A	Z	0	3.5
78	MP3A	Mx	.004	3.5
79	MP3B	X	15.14	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	0	1.5
82	MP3B	X	15.14	3.5
83	MP3B	Z	0	3.5
84	MP3B	Mx	0	3.5
85	MP3C	X	7.462	1.5
86	MP3C	Z	0	1.5
87	MP3C	Mx	-.004	1.5
88	MP3C	X	7.462	3.5
89	MP3C	Z	0	3.5
90	MP3C	Mx	-.004	3.5
91	MP3A	X	11.783	2
92	MP3A	Z	0	2
93	MP3A	Mx	.003	2
94	MP3B	X	11.783	2
95	MP3B	Z	0	2
96	MP3B	Mx	.003	2
97	MP3C	X	11.783	2
98	MP3C	Z	0	2
99	MP3C	Mx	.003	2
100	MP2A	X	11.414	1.5
101	MP2A	Z	0	1.5
102	MP2A	Mx	.003	1.5
103	MP2B	X	11.414	1.5
104	MP2B	Z	0	1.5
105	MP2B	Mx	.003	1.5
106	MP2C	X	11.414	1.5
107	MP2C	Z	0	1.5
108	MP2C	Mx	.003	1.5
109	MP2A	X	2.898	3
110	MP2A	Z	0	3
111	MP2A	Mx	.000362	3
112	MP2B	X	2.898	3
113	MP2B	Z	0	3
114	MP2B	Mx	.000362	3
115	MP2C	X	2.898	3
116	MP2C	Z	0	3
117	MP2C	Mx	.000362	3
118	OVP	X	24.791	1
119	OVP	Z	0	1
120	OVP	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.913	.5
2	MP1A	Z	5.146	.5
3	MP1A	Mx	-.003	.5
4	MP1A	X	8.913	4
5	MP1A	Z	5.146	4
6	MP1A	Mx	-.003	4
7	MP1B	X	8.913	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	5.146	.5
9	MP1B	Mx	-.003	.5
10	MP1B	X	8.913	4
11	MP1B	Z	5.146	4
12	MP1B	Mx	-.003	4
13	MP1C	X	10.334	.5
14	MP1C	Z	5.966	.5
15	MP1C	Mx	.006	.5
16	MP1C	X	10.334	4
17	MP1C	Z	5.966	4
18	MP1C	Mx	.006	4
19	MP4A	X	8.913	.5
20	MP4A	Z	5.146	.5
21	MP4A	Mx	-.003	.5
22	MP4A	X	8.913	4
23	MP4A	Z	5.146	4
24	MP4A	Mx	-.003	4
25	MP4B	X	8.913	.5
26	MP4B	Z	5.146	.5
27	MP4B	Mx	-.003	.5
28	MP4B	X	8.913	4
29	MP4B	Z	5.146	4
30	MP4B	Mx	-.003	4
31	MP4C	X	10.334	.5
32	MP4C	Z	5.966	.5
33	MP4C	Mx	.006	.5
34	MP4C	X	10.334	4
35	MP4C	Z	5.966	4
36	MP4C	Mx	.006	4
37	MP2A	X	22.696	.25
38	MP2A	Z	13.103	.25
39	MP2A	Mx	.008	.25
40	MP2A	X	22.696	4.75
41	MP2A	Z	13.103	4.75
42	MP2A	Mx	.008	4.75
43	MP2B	X	22.696	.25
44	MP2B	Z	13.103	.25
45	MP2B	Mx	-.021	.25
46	MP2B	X	22.696	4.75
47	MP2B	Z	13.103	4.75
48	MP2B	Mx	-.021	4.75
49	MP2C	X	17.051	.25
50	MP2C	Z	9.844	.25
51	MP2C	Mx	.008	.25
52	MP2C	X	17.051	4.75
53	MP2C	Z	9.844	4.75
54	MP2C	Mx	.008	4.75
55	MP2A	X	22.696	.25
56	MP2A	Z	13.103	.25
57	MP2A	Mx	-.021	.25
58	MP2A	X	22.696	4.75
59	MP2A	Z	13.103	4.75
60	MP2A	Mx	-.021	4.75
61	MP2B	X	22.696	.25
62	MP2B	Z	13.103	.25
63	MP2B	Mx	.008	.25
64	MP2B	X	22.696	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	13.103	4.75
66	MP2B	Mx	.008	4.75
67	MP2C	X	17.051	.25
68	MP2C	Z	9.844	.25
69	MP2C	Mx	.012	.25
70	MP2C	X	17.051	4.75
71	MP2C	Z	9.844	4.75
72	MP2C	Mx	.012	4.75
73	MP3A	X	11.229	1.5
74	MP3A	Z	6.483	1.5
75	MP3A	Mx	.003	1.5
76	MP3A	X	11.229	3.5
77	MP3A	Z	6.483	3.5
78	MP3A	Mx	.003	3.5
79	MP3B	X	11.229	1.5
80	MP3B	Z	6.483	1.5
81	MP3B	Mx	.003	1.5
82	MP3B	X	11.229	3.5
83	MP3B	Z	6.483	3.5
84	MP3B	Mx	.003	3.5
85	MP3C	X	5.808	1.5
86	MP3C	Z	3.354	1.5
87	MP3C	Mx	-.003	1.5
88	MP3C	X	5.808	3.5
89	MP3C	Z	3.354	3.5
90	MP3C	Mx	-.003	3.5
91	MP3A	X	11.046	2
92	MP3A	Z	6.377	2
93	MP3A	Mx	0	2
94	MP3B	X	11.046	2
95	MP3B	Z	6.377	2
96	MP3B	Mx	0	2
97	MP3C	X	11.046	2
98	MP3C	Z	6.377	2
99	MP3C	Mx	0	2
100	MP2A	X	11.046	1.5
101	MP2A	Z	6.377	1.5
102	MP2A	Mx	0	1.5
103	MP2B	X	11.046	1.5
104	MP2B	Z	6.377	1.5
105	MP2B	Mx	0	1.5
106	MP2C	X	11.046	1.5
107	MP2C	Z	6.377	1.5
108	MP2C	Mx	0	1.5
109	MP2A	X	2.677	3
110	MP2A	Z	1.546	3
111	MP2A	Mx	0	3
112	MP2B	X	2.677	3
113	MP2B	Z	1.546	3
114	MP2B	Mx	0	3
115	MP2C	X	2.677	3
116	MP2C	Z	1.546	3
117	MP2C	Mx	0	3
118	OVP	X	22.708	1
119	OVP	Z	13.111	1
120	OVP	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	4.873	.5
2	MP1A	Z	8.44	.5
3	MP1A	Mx	0	.5
4	MP1A	X	4.873	4
5	MP1A	Z	8.44	4
6	MP1A	Mx	0	4
7	MP1B	X	5.693	.5
8	MP1B	Z	9.86	.5
9	MP1B	Mx	-.005	.5
10	MP1B	X	5.693	4
11	MP1B	Z	9.86	4
12	MP1B	Mx	-.005	4
13	MP1C	X	5.693	.5
14	MP1C	Z	9.86	.5
15	MP1C	Mx	.005	.5
16	MP1C	X	5.693	4
17	MP1C	Z	9.86	4
18	MP1C	Mx	.005	4
19	MP4A	X	4.873	.5
20	MP4A	Z	8.44	.5
21	MP4A	Mx	0	.5
22	MP4A	X	4.873	4
23	MP4A	Z	8.44	4
24	MP4A	Mx	0	4
25	MP4B	X	5.693	.5
26	MP4B	Z	9.86	.5
27	MP4B	Mx	-.005	.5
28	MP4B	X	5.693	4
29	MP4B	Z	9.86	4
30	MP4B	Mx	-.005	4
31	MP4C	X	5.693	.5
32	MP4C	Z	9.86	.5
33	MP4C	Mx	.005	.5
34	MP4C	X	5.693	4
35	MP4C	Z	9.86	4
36	MP4C	Mx	.005	4
37	MP2A	X	14.235	.25
38	MP2A	Z	24.656	.25
39	MP2A	Mx	.018	.25
40	MP2A	X	14.235	4.75
41	MP2A	Z	24.656	4.75
42	MP2A	Mx	.018	4.75
43	MP2B	X	10.84	.25
44	MP2B	Z	18.775	.25
45	MP2B	Mx	-.016	.25
46	MP2B	X	10.84	4.75
47	MP2B	Z	18.775	4.75
48	MP2B	Mx	-.016	4.75
49	MP2C	X	11.578	.25
50	MP2C	Z	20.055	.25
51	MP2C	Mx	-.000434	.25
52	MP2C	X	11.578	4.75
53	MP2C	Z	20.055	4.75
54	MP2C	Mx	-.000434	4.75
55	MP2A	X	14.235	.25
56	MP2A	Z	24.656	.25
57	MP2A	Mx	-.018	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	14.235	4.75
59	MP2A	Z	24.656	4.75
60	MP2A	Mx	-.018	4.75
61	MP2B	X	10.84	.25
62	MP2B	Z	18.775	.25
63	MP2B	Mx	-.003	.25
64	MP2B	X	10.84	4.75
65	MP2B	Z	18.775	4.75
66	MP2B	Mx	-.003	4.75
67	MP2C	X	11.578	.25
68	MP2C	Z	20.055	.25
69	MP2C	Mx	.018	.25
70	MP2C	X	11.578	4.75
71	MP2C	Z	20.055	4.75
72	MP2C	Mx	.018	4.75
73	MP3A	X	7.57	1.5
74	MP3A	Z	13.111	1.5
75	MP3A	Mx	0	1.5
76	MP3A	X	7.57	3.5
77	MP3A	Z	13.111	3.5
78	MP3A	Mx	0	3.5
79	MP3B	X	4.309	1.5
80	MP3B	Z	7.464	1.5
81	MP3B	Mx	.004	1.5
82	MP3B	X	4.309	3.5
83	MP3B	Z	7.464	3.5
84	MP3B	Mx	.004	3.5
85	MP3C	X	5.019	1.5
86	MP3C	Z	8.693	1.5
87	MP3C	Mx	-.004	1.5
88	MP3C	X	5.019	3.5
89	MP3C	Z	8.693	3.5
90	MP3C	Mx	-.004	3.5
91	MP3A	X	5.892	2
92	MP3A	Z	10.205	2
93	MP3A	Mx	-.003	2
94	MP3B	X	5.892	2
95	MP3B	Z	10.205	2
96	MP3B	Mx	-.003	2
97	MP3C	X	5.892	2
98	MP3C	Z	10.205	2
99	MP3C	Mx	-.003	2
100	MP2A	X	5.707	1.5
101	MP2A	Z	9.885	1.5
102	MP2A	Mx	-.003	1.5
103	MP2B	X	5.707	1.5
104	MP2B	Z	9.885	1.5
105	MP2B	Mx	-.003	1.5
106	MP2C	X	5.707	1.5
107	MP2C	Z	9.885	1.5
108	MP2C	Mx	-.003	1.5
109	MP2A	X	1.449	3
110	MP2A	Z	2.51	3
111	MP2A	Mx	-.000362	3
112	MP2B	X	1.449	3
113	MP2B	Z	2.51	3
114	MP2B	Mx	-.000362	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2C	X	1.449	3
116	MP2C	Z	2.51	3
117	MP2C	Mx	-.000362	3
118	OVP	X	12.396	1
119	OVP	Z	21.47	1
120	OVP	Mx	.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	10.292	.5
3	MP1A	Mx	.003	.5
4	MP1A	X	0	4
5	MP1A	Z	10.292	4
6	MP1A	Mx	.003	4
7	MP1B	X	0	.5
8	MP1B	Z	11.933	.5
9	MP1B	Mx	-.006	.5
10	MP1B	X	0	4
11	MP1B	Z	11.933	4
12	MP1B	Mx	-.006	4
13	MP1C	X	0	.5
14	MP1C	Z	10.292	.5
15	MP1C	Mx	.003	.5
16	MP1C	X	0	4
17	MP1C	Z	10.292	4
18	MP1C	Mx	.003	4
19	MP4A	X	0	.5
20	MP4A	Z	10.292	.5
21	MP4A	Mx	.003	.5
22	MP4A	X	0	4
23	MP4A	Z	10.292	4
24	MP4A	Mx	.003	4
25	MP4B	X	0	.5
26	MP4B	Z	11.933	.5
27	MP4B	Mx	-.006	.5
28	MP4B	X	0	4
29	MP4B	Z	11.933	4
30	MP4B	Mx	-.006	4
31	MP4C	X	0	.5
32	MP4C	Z	10.292	.5
33	MP4C	Mx	.003	.5
34	MP4C	X	0	4
35	MP4C	Z	10.292	4
36	MP4C	Mx	.003	4
37	MP2A	X	0	.25
38	MP2A	Z	26.207	.25
39	MP2A	Mx	.021	.25
40	MP2A	X	0	4.75
41	MP2A	Z	26.207	4.75
42	MP2A	Mx	.021	4.75
43	MP2B	X	0	.25
44	MP2B	Z	19.416	.25
45	MP2B	Mx	-.01	.25
46	MP2B	X	0	4.75
47	MP2B	Z	19.416	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	-.01	4.75
49	MP2C	X	0	.25
50	MP2C	Z	27.411	.25
51	MP2C	Mx	-.011	.25
52	MP2C	X	0	4.75
53	MP2C	Z	27.411	4.75
54	MP2C	Mx	-.011	4.75
55	MP2A	X	0	.25
56	MP2A	Z	26.207	.25
57	MP2A	Mx	-.008	.25
58	MP2A	X	0	4.75
59	MP2A	Z	26.207	4.75
60	MP2A	Mx	-.008	4.75
61	MP2B	X	0	.25
62	MP2B	Z	19.416	.25
63	MP2B	Mx	-.01	.25
64	MP2B	X	0	4.75
65	MP2B	Z	19.416	4.75
66	MP2B	Mx	-.01	4.75
67	MP2C	X	0	.25
68	MP2C	Z	27.411	.25
69	MP2C	Mx	.021	.25
70	MP2C	X	0	4.75
71	MP2C	Z	27.411	4.75
72	MP2C	Mx	.021	4.75
73	MP3A	X	0	1.5
74	MP3A	Z	12.966	1.5
75	MP3A	Mx	-.003	1.5
76	MP3A	X	0	3.5
77	MP3A	Z	12.966	3.5
78	MP3A	Mx	-.003	3.5
79	MP3B	X	0	1.5
80	MP3B	Z	6.445	1.5
81	MP3B	Mx	.003	1.5
82	MP3B	X	0	3.5
83	MP3B	Z	6.445	3.5
84	MP3B	Mx	.003	3.5
85	MP3C	X	0	1.5
86	MP3C	Z	14.122	1.5
87	MP3C	Mx	-.002	1.5
88	MP3C	X	0	3.5
89	MP3C	Z	14.122	3.5
90	MP3C	Mx	-.002	3.5
91	MP3A	X	0	2
92	MP3A	Z	9.841	2
93	MP3A	Mx	-.004	2
94	MP3B	X	0	2
95	MP3B	Z	9.841	2
96	MP3B	Mx	-.004	2
97	MP3C	X	0	2
98	MP3C	Z	9.841	2
99	MP3C	Mx	-.004	2
100	MP2A	X	0	1.5
101	MP2A	Z	8.733	1.5
102	MP2A	Mx	-.004	1.5
103	MP2B	X	0	1.5
104	MP2B	Z	8.733	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2B	Mx	-.004	1.5
106	MP2C	X	0	1.5
107	MP2C	Z	8.733	1.5
108	MP2C	Mx	-.004	1.5
109	MP2A	X	0	3
110	MP2A	Z	2.512	3
111	MP2A	Mx	-.000544	3
112	MP2B	X	0	3
113	MP2B	Z	2.512	3
114	MP2B	Mx	-.000544	3
115	MP2C	X	0	3
116	MP2C	Z	2.512	3
117	MP2C	Mx	-.000544	3
118	OVP	X	0	1
119	OVP	Z	21.931	1
120	OVP	Mx	.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-5.693	.5
2	MP1A	Z	9.86	.5
3	MP1A	Mx	.005	.5
4	MP1A	X	-5.693	4
5	MP1A	Z	9.86	4
6	MP1A	Mx	.005	4
7	MP1B	X	-5.693	.5
8	MP1B	Z	9.86	.5
9	MP1B	Mx	-.005	.5
10	MP1B	X	-5.693	4
11	MP1B	Z	9.86	4
12	MP1B	Mx	-.005	4
13	MP1C	X	-4.873	.5
14	MP1C	Z	8.44	.5
15	MP1C	Mx	0	.5
16	MP1C	X	-4.873	4
17	MP1C	Z	8.44	4
18	MP1C	Mx	0	4
19	MP4A	X	-5.693	.5
20	MP4A	Z	9.86	.5
21	MP4A	Mx	.005	.5
22	MP4A	X	-5.693	4
23	MP4A	Z	9.86	4
24	MP4A	Mx	.005	4
25	MP4B	X	-5.693	.5
26	MP4B	Z	9.86	.5
27	MP4B	Mx	-.005	.5
28	MP4B	X	-5.693	4
29	MP4B	Z	9.86	4
30	MP4B	Mx	-.005	4
31	MP4C	X	-4.873	.5
32	MP4C	Z	8.44	.5
33	MP4C	Mx	0	.5
34	MP4C	X	-4.873	4
35	MP4C	Z	8.44	4
36	MP4C	Mx	0	4
37	MP2A	X	-10.84	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	18.775	.25
39	MP2A	Mx	.016	.25
40	MP2A	X	-10.84	4.75
41	MP2A	Z	18.775	4.75
42	MP2A	Mx	.016	4.75
43	MP2B	X	-10.84	.25
44	MP2B	Z	18.775	.25
45	MP2B	Mx	-.003	.25
46	MP2B	X	-10.84	4.75
47	MP2B	Z	18.775	4.75
48	MP2B	Mx	-.003	4.75
49	MP2C	X	-14.099	.25
50	MP2C	Z	24.42	.25
51	MP2C	Mx	-.02	.25
52	MP2C	X	-14.099	4.75
53	MP2C	Z	24.42	4.75
54	MP2C	Mx	-.02	4.75
55	MP2A	X	-10.84	.25
56	MP2A	Z	18.775	.25
57	MP2A	Mx	.003	.25
58	MP2A	X	-10.84	4.75
59	MP2A	Z	18.775	4.75
60	MP2A	Mx	.003	4.75
61	MP2B	X	-10.84	.25
62	MP2B	Z	18.775	.25
63	MP2B	Mx	-.016	.25
64	MP2B	X	-10.84	4.75
65	MP2B	Z	18.775	4.75
66	MP2B	Mx	-.016	4.75
67	MP2C	X	-14.099	.25
68	MP2C	Z	24.42	.25
69	MP2C	Mx	.015	.25
70	MP2C	X	-14.099	4.75
71	MP2C	Z	24.42	4.75
72	MP2C	Mx	.015	4.75
73	MP3A	X	-4.309	1.5
74	MP3A	Z	7.464	1.5
75	MP3A	Mx	-.004	1.5
76	MP3A	X	-4.309	3.5
77	MP3A	Z	7.464	3.5
78	MP3A	Mx	-.004	3.5
79	MP3B	X	-4.309	1.5
80	MP3B	Z	7.464	1.5
81	MP3B	Mx	.004	1.5
82	MP3B	X	-4.309	3.5
83	MP3B	Z	7.464	3.5
84	MP3B	Mx	.004	3.5
85	MP3C	X	-7.439	1.5
86	MP3C	Z	12.884	1.5
87	MP3C	Mx	.001	1.5
88	MP3C	X	-7.439	3.5
89	MP3C	Z	12.884	3.5
90	MP3C	Mx	.001	3.5
91	MP3A	X	-4.435	2
92	MP3A	Z	7.681	2
93	MP3A	Mx	-.004	2
94	MP3B	X	-4.435	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3B	Z	7.681	2
96	MP3B	Mx	-.004	2
97	MP3C	X	-4.435	2
98	MP3C	Z	7.681	2
99	MP3C	Mx	-.004	2
100	MP2A	X	-3.697	1.5
101	MP2A	Z	6.403	1.5
102	MP2A	Mx	-.004	1.5
103	MP2B	X	-3.697	1.5
104	MP2B	Z	6.403	1.5
105	MP2B	Mx	-.004	1.5
106	MP2C	X	-3.697	1.5
107	MP2C	Z	6.403	1.5
108	MP2C	Mx	-.004	1.5
109	MP2A	X	-1.159	3
110	MP2A	Z	2.008	3
111	MP2A	Mx	-.00058	3
112	MP2B	X	-1.159	3
113	MP2B	Z	2.008	3
114	MP2B	Mx	-.00058	3
115	MP2C	X	-1.159	3
116	MP2C	Z	2.008	3
117	MP2C	Mx	-.00058	3
118	OVP	X	-10.251	1
119	OVP	Z	17.755	1
120	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-10.334	.5
2	MP1A	Z	5.966	.5
3	MP1A	Mx	.006	.5
4	MP1A	X	-10.334	4
5	MP1A	Z	5.966	4
6	MP1A	Mx	.006	4
7	MP1B	X	-8.913	.5
8	MP1B	Z	5.146	.5
9	MP1B	Mx	-.003	.5
10	MP1B	X	-8.913	4
11	MP1B	Z	5.146	4
12	MP1B	Mx	-.003	4
13	MP1C	X	-8.913	.5
14	MP1C	Z	5.146	.5
15	MP1C	Mx	-.003	.5
16	MP1C	X	-8.913	4
17	MP1C	Z	5.146	4
18	MP1C	Mx	-.003	4
19	MP4A	X	-10.334	.5
20	MP4A	Z	5.966	.5
21	MP4A	Mx	.006	.5
22	MP4A	X	-10.334	4
23	MP4A	Z	5.966	4
24	MP4A	Mx	.006	4
25	MP4B	X	-8.913	.5
26	MP4B	Z	5.146	.5
27	MP4B	Mx	-.003	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4B	X	-8.913	4
29	MP4B	Z	5.146	4
30	MP4B	Mx	-.003	4
31	MP4C	X	-8.913	.5
32	MP4C	Z	5.146	.5
33	MP4C	Mx	-.003	.5
34	MP4C	X	-8.913	4
35	MP4C	Z	5.146	4
36	MP4C	Mx	-.003	4
37	MP2A	X	-16.815	.25
38	MP2A	Z	9.708	.25
39	MP2A	Mx	.01	.25
40	MP2A	X	-16.815	4.75
41	MP2A	Z	9.708	4.75
42	MP2A	Mx	.01	4.75
43	MP2B	X	-22.696	.25
44	MP2B	Z	13.103	.25
45	MP2B	Mx	.008	.25
46	MP2B	X	-22.696	4.75
47	MP2B	Z	13.103	4.75
48	MP2B	Mx	.008	4.75
49	MP2C	X	-21.416	.25
50	MP2C	Z	12.365	.25
51	MP2C	Mx	-.02	.25
52	MP2C	X	-21.416	4.75
53	MP2C	Z	12.365	4.75
54	MP2C	Mx	-.02	4.75
55	MP2A	X	-16.815	.25
56	MP2A	Z	9.708	.25
57	MP2A	Mx	.01	.25
58	MP2A	X	-16.815	4.75
59	MP2A	Z	9.708	4.75
60	MP2A	Mx	.01	4.75
61	MP2B	X	-22.696	.25
62	MP2B	Z	13.103	.25
63	MP2B	Mx	-.021	.25
64	MP2B	X	-22.696	4.75
65	MP2B	Z	13.103	4.75
66	MP2B	Mx	-.021	4.75
67	MP2C	X	-21.416	.25
68	MP2C	Z	12.365	.25
69	MP2C	Mx	.004	.25
70	MP2C	X	-21.416	4.75
71	MP2C	Z	12.365	4.75
72	MP2C	Mx	.004	4.75
73	MP3A	X	-5.581	1.5
74	MP3A	Z	3.222	1.5
75	MP3A	Mx	-.003	1.5
76	MP3A	X	-5.581	3.5
77	MP3A	Z	3.222	3.5
78	MP3A	Mx	-.003	3.5
79	MP3B	X	-11.229	1.5
80	MP3B	Z	6.483	1.5
81	MP3B	Mx	.003	1.5
82	MP3B	X	-11.229	3.5
83	MP3B	Z	6.483	3.5
84	MP3B	Mx	.003	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3C	X	-10	1.5
86	MP3C	Z	5.774	1.5
87	MP3C	Mx	.004	1.5
88	MP3C	X	-10	3.5
89	MP3C	Z	5.774	3.5
90	MP3C	Mx	.004	3.5
91	MP3A	X	-8.522	2
92	MP3A	Z	4.92	2
93	MP3A	Mx	-.004	2
94	MP3B	X	-8.522	2
95	MP3B	Z	4.92	2
96	MP3B	Mx	-.004	2
97	MP3C	X	-8.522	2
98	MP3C	Z	4.92	2
99	MP3C	Mx	-.004	2
100	MP2A	X	-7.563	1.5
101	MP2A	Z	4.367	1.5
102	MP2A	Mx	-.004	1.5
103	MP2B	X	-7.563	1.5
104	MP2B	Z	4.367	1.5
105	MP2B	Mx	-.004	1.5
106	MP2C	X	-7.563	1.5
107	MP2C	Z	4.367	1.5
108	MP2C	Mx	-.004	1.5
109	MP2A	X	-2.175	3
110	MP2A	Z	1.256	3
111	MP2A	Mx	-.000544	3
112	MP2B	X	-2.175	3
113	MP2B	Z	1.256	3
114	MP2B	Mx	-.000544	3
115	MP2C	X	-2.175	3
116	MP2C	Z	1.256	3
117	MP2C	Mx	-.000544	3
118	OVP	X	-18.993	1
119	OVP	Z	10.966	1
120	OVP	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-11.386	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.005	.5
4	MP1A	X	-11.386	4
5	MP1A	Z	0	4
6	MP1A	Mx	.005	4
7	MP1B	X	-9.745	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	0	.5
10	MP1B	X	-9.745	4
11	MP1B	Z	0	4
12	MP1B	Mx	0	4
13	MP1C	X	-11.386	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	-.005	.5
16	MP1C	X	-11.386	4
17	MP1C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	-.005	4
19	MP4A	X	-11.386	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	.005	.5
22	MP4A	X	-11.386	4
23	MP4A	Z	0	4
24	MP4A	Mx	.005	4
25	MP4B	X	-9.745	.5
26	MP4B	Z	0	.5
27	MP4B	Mx	0	.5
28	MP4B	X	-9.745	4
29	MP4B	Z	0	4
30	MP4B	Mx	0	4
31	MP4C	X	-11.386	.5
32	MP4C	Z	0	.5
33	MP4C	Mx	-.005	.5
34	MP4C	X	-11.386	4
35	MP4C	Z	0	4
36	MP4C	Mx	-.005	4
37	MP2A	X	-21.679	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	.003	.25
40	MP2A	X	-21.679	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	.003	4.75
43	MP2B	X	-28.47	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	.018	.25
46	MP2B	X	-28.47	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	.018	4.75
49	MP2C	X	-20.475	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	-.014	.25
52	MP2C	X	-20.475	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	-.014	4.75
55	MP2A	X	-21.679	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	.016	.25
58	MP2A	X	-21.679	4.75
59	MP2A	Z	0	4.75
60	MP2A	Mx	.016	4.75
61	MP2B	X	-28.47	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.018	.25
64	MP2B	X	-28.47	4.75
65	MP2B	Z	0	4.75
66	MP2B	Mx	-.018	4.75
67	MP2C	X	-20.475	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	-.005	.25
70	MP2C	X	-20.475	4.75
71	MP2C	Z	0	4.75
72	MP2C	Mx	-.005	4.75
73	MP3A	X	-8.618	1.5
74	MP3A	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	-.004	1.5
76	MP3A	X	-8.618	3.5
77	MP3A	Z	0	3.5
78	MP3A	Mx	-.004	3.5
79	MP3B	X	-15.14	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	0	1.5
82	MP3B	X	-15.14	3.5
83	MP3B	Z	0	3.5
84	MP3B	Mx	0	3.5
85	MP3C	X	-7.462	1.5
86	MP3C	Z	0	1.5
87	MP3C	Mx	.004	1.5
88	MP3C	X	-7.462	3.5
89	MP3C	Z	0	3.5
90	MP3C	Mx	.004	3.5
91	MP3A	X	-11.783	2
92	MP3A	Z	0	2
93	MP3A	Mx	-.003	2
94	MP3B	X	-11.783	2
95	MP3B	Z	0	2
96	MP3B	Mx	-.003	2
97	MP3C	X	-11.783	2
98	MP3C	Z	0	2
99	MP3C	Mx	-.003	2
100	MP2A	X	-11.414	1.5
101	MP2A	Z	0	1.5
102	MP2A	Mx	-.003	1.5
103	MP2B	X	-11.414	1.5
104	MP2B	Z	0	1.5
105	MP2B	Mx	-.003	1.5
106	MP2C	X	-11.414	1.5
107	MP2C	Z	0	1.5
108	MP2C	Mx	-.003	1.5
109	MP2A	X	-2.898	3
110	MP2A	Z	0	3
111	MP2A	Mx	-.000362	3
112	MP2B	X	-2.898	3
113	MP2B	Z	0	3
114	MP2B	Mx	-.000362	3
115	MP2C	X	-2.898	3
116	MP2C	Z	0	3
117	MP2C	Mx	-.000362	3
118	OVP	X	-24.791	1
119	OVP	Z	0	1
120	OVP	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.913	.5
2	MP1A	Z	-5.146	.5
3	MP1A	Mx	.003	.5
4	MP1A	X	-8.913	4
5	MP1A	Z	-5.146	4
6	MP1A	Mx	.003	4
7	MP1B	X	-8.913	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	-5.146	.5
9	MP1B	Mx	.003	.5
10	MP1B	X	-8.913	4
11	MP1B	Z	-5.146	4
12	MP1B	Mx	.003	4
13	MP1C	X	-10.334	.5
14	MP1C	Z	-5.966	.5
15	MP1C	Mx	-.006	.5
16	MP1C	X	-10.334	4
17	MP1C	Z	-5.966	4
18	MP1C	Mx	-.006	4
19	MP4A	X	-8.913	.5
20	MP4A	Z	-5.146	.5
21	MP4A	Mx	.003	.5
22	MP4A	X	-8.913	4
23	MP4A	Z	-5.146	4
24	MP4A	Mx	.003	4
25	MP4B	X	-8.913	.5
26	MP4B	Z	-5.146	.5
27	MP4B	Mx	.003	.5
28	MP4B	X	-8.913	4
29	MP4B	Z	-5.146	4
30	MP4B	Mx	.003	4
31	MP4C	X	-10.334	.5
32	MP4C	Z	-5.966	.5
33	MP4C	Mx	-.006	.5
34	MP4C	X	-10.334	4
35	MP4C	Z	-5.966	4
36	MP4C	Mx	-.006	4
37	MP2A	X	-22.696	.25
38	MP2A	Z	-13.103	.25
39	MP2A	Mx	-.008	.25
40	MP2A	X	-22.696	4.75
41	MP2A	Z	-13.103	4.75
42	MP2A	Mx	-.008	4.75
43	MP2B	X	-22.696	.25
44	MP2B	Z	-13.103	.25
45	MP2B	Mx	.021	.25
46	MP2B	X	-22.696	4.75
47	MP2B	Z	-13.103	4.75
48	MP2B	Mx	.021	4.75
49	MP2C	X	-17.051	.25
50	MP2C	Z	-9.844	.25
51	MP2C	Mx	-.008	.25
52	MP2C	X	-17.051	4.75
53	MP2C	Z	-9.844	4.75
54	MP2C	Mx	-.008	4.75
55	MP2A	X	-22.696	.25
56	MP2A	Z	-13.103	.25
57	MP2A	Mx	.021	.25
58	MP2A	X	-22.696	4.75
59	MP2A	Z	-13.103	4.75
60	MP2A	Mx	.021	4.75
61	MP2B	X	-22.696	.25
62	MP2B	Z	-13.103	.25
63	MP2B	Mx	-.008	.25
64	MP2B	X	-22.696	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	-13.103	4.75
66	MP2B	Mx	-.008	4.75
67	MP2C	X	-17.051	.25
68	MP2C	Z	-9.844	.25
69	MP2C	Mx	-.012	.25
70	MP2C	X	-17.051	4.75
71	MP2C	Z	-9.844	4.75
72	MP2C	Mx	-.012	4.75
73	MP3A	X	-11.229	1.5
74	MP3A	Z	-6.483	1.5
75	MP3A	Mx	-.003	1.5
76	MP3A	X	-11.229	3.5
77	MP3A	Z	-6.483	3.5
78	MP3A	Mx	-.003	3.5
79	MP3B	X	-11.229	1.5
80	MP3B	Z	-6.483	1.5
81	MP3B	Mx	-.003	1.5
82	MP3B	X	-11.229	3.5
83	MP3B	Z	-6.483	3.5
84	MP3B	Mx	-.003	3.5
85	MP3C	X	-5.808	1.5
86	MP3C	Z	-3.354	1.5
87	MP3C	Mx	.003	1.5
88	MP3C	X	-5.808	3.5
89	MP3C	Z	-3.354	3.5
90	MP3C	Mx	.003	3.5
91	MP3A	X	-11.046	2
92	MP3A	Z	-6.377	2
93	MP3A	Mx	0	2
94	MP3B	X	-11.046	2
95	MP3B	Z	-6.377	2
96	MP3B	Mx	0	2
97	MP3C	X	-11.046	2
98	MP3C	Z	-6.377	2
99	MP3C	Mx	0	2
100	MP2A	X	-11.046	1.5
101	MP2A	Z	-6.377	1.5
102	MP2A	Mx	0	1.5
103	MP2B	X	-11.046	1.5
104	MP2B	Z	-6.377	1.5
105	MP2B	Mx	0	1.5
106	MP2C	X	-11.046	1.5
107	MP2C	Z	-6.377	1.5
108	MP2C	Mx	0	1.5
109	MP2A	X	-2.677	3
110	MP2A	Z	-1.546	3
111	MP2A	Mx	0	3
112	MP2B	X	-2.677	3
113	MP2B	Z	-1.546	3
114	MP2B	Mx	0	3
115	MP2C	X	-2.677	3
116	MP2C	Z	-1.546	3
117	MP2C	Mx	0	3
118	OVP	X	-22.708	1
119	OVP	Z	-13.111	1
120	OVP	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-4.873	.5
2	MP1A	Z	-8.44	.5
3	MP1A	Mx	0	.5
4	MP1A	X	-4.873	4
5	MP1A	Z	-8.44	4
6	MP1A	Mx	0	4
7	MP1B	X	-5.693	.5
8	MP1B	Z	-9.86	.5
9	MP1B	Mx	.005	.5
10	MP1B	X	-5.693	4
11	MP1B	Z	-9.86	4
12	MP1B	Mx	.005	4
13	MP1C	X	-5.693	.5
14	MP1C	Z	-9.86	.5
15	MP1C	Mx	-.005	.5
16	MP1C	X	-5.693	4
17	MP1C	Z	-9.86	4
18	MP1C	Mx	-.005	4
19	MP4A	X	-4.873	.5
20	MP4A	Z	-8.44	.5
21	MP4A	Mx	0	.5
22	MP4A	X	-4.873	4
23	MP4A	Z	-8.44	4
24	MP4A	Mx	0	4
25	MP4B	X	-5.693	.5
26	MP4B	Z	-9.86	.5
27	MP4B	Mx	.005	.5
28	MP4B	X	-5.693	4
29	MP4B	Z	-9.86	4
30	MP4B	Mx	.005	4
31	MP4C	X	-5.693	.5
32	MP4C	Z	-9.86	.5
33	MP4C	Mx	-.005	.5
34	MP4C	X	-5.693	4
35	MP4C	Z	-9.86	4
36	MP4C	Mx	-.005	4
37	MP2A	X	-14.235	.25
38	MP2A	Z	-24.656	.25
39	MP2A	Mx	-.018	.25
40	MP2A	X	-14.235	4.75
41	MP2A	Z	-24.656	4.75
42	MP2A	Mx	-.018	4.75
43	MP2B	X	-10.84	.25
44	MP2B	Z	-18.775	.25
45	MP2B	Mx	.016	.25
46	MP2B	X	-10.84	4.75
47	MP2B	Z	-18.775	4.75
48	MP2B	Mx	.016	4.75
49	MP2C	X	-11.578	.25
50	MP2C	Z	-20.055	.25
51	MP2C	Mx	.000434	.25
52	MP2C	X	-11.578	4.75
53	MP2C	Z	-20.055	4.75
54	MP2C	Mx	.000434	4.75
55	MP2A	X	-14.235	.25
56	MP2A	Z	-24.656	.25
57	MP2A	Mx	.018	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-14.235	4.75
59	MP2A	Z	-24.656	4.75
60	MP2A	Mx	.018	4.75
61	MP2B	X	-10.84	.25
62	MP2B	Z	-18.775	.25
63	MP2B	Mx	.003	.25
64	MP2B	X	-10.84	4.75
65	MP2B	Z	-18.775	4.75
66	MP2B	Mx	.003	4.75
67	MP2C	X	-11.578	.25
68	MP2C	Z	-20.055	.25
69	MP2C	Mx	-.018	.25
70	MP2C	X	-11.578	4.75
71	MP2C	Z	-20.055	4.75
72	MP2C	Mx	-.018	4.75
73	MP3A	X	-7.57	1.5
74	MP3A	Z	-13.111	1.5
75	MP3A	Mx	0	1.5
76	MP3A	X	-7.57	3.5
77	MP3A	Z	-13.111	3.5
78	MP3A	Mx	0	3.5
79	MP3B	X	-4.309	1.5
80	MP3B	Z	-7.464	1.5
81	MP3B	Mx	-.004	1.5
82	MP3B	X	-4.309	3.5
83	MP3B	Z	-7.464	3.5
84	MP3B	Mx	-.004	3.5
85	MP3C	X	-5.019	1.5
86	MP3C	Z	-8.693	1.5
87	MP3C	Mx	.004	1.5
88	MP3C	X	-5.019	3.5
89	MP3C	Z	-8.693	3.5
90	MP3C	Mx	.004	3.5
91	MP3A	X	-5.892	2
92	MP3A	Z	-10.205	2
93	MP3A	Mx	.003	2
94	MP3B	X	-5.892	2
95	MP3B	Z	-10.205	2
96	MP3B	Mx	.003	2
97	MP3C	X	-5.892	2
98	MP3C	Z	-10.205	2
99	MP3C	Mx	.003	2
100	MP2A	X	-5.707	1.5
101	MP2A	Z	-9.885	1.5
102	MP2A	Mx	.003	1.5
103	MP2B	X	-5.707	1.5
104	MP2B	Z	-9.885	1.5
105	MP2B	Mx	.003	1.5
106	MP2C	X	-5.707	1.5
107	MP2C	Z	-9.885	1.5
108	MP2C	Mx	.003	1.5
109	MP2A	X	-1.449	3
110	MP2A	Z	-2.51	3
111	MP2A	Mx	.000362	3
112	MP2B	X	-1.449	3
113	MP2B	Z	-2.51	3
114	MP2B	Mx	.000362	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2C	X	-1.449	3
116	MP2C	Z	-2.51	3
117	MP2C	Mx	.000362	3
118	OVP	X	-12.396	1
119	OVP	Z	-21.47	1
120	OVP	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	-3.132	.5
3	MP1A	Mx	-.000783	.5
4	MP1A	X	0	4
5	MP1A	Z	-3.132	4
6	MP1A	Mx	-.000783	4
7	MP1B	X	0	.5
8	MP1B	Z	-3.714	.5
9	MP1B	Mx	.002	.5
10	MP1B	X	0	4
11	MP1B	Z	-3.714	4
12	MP1B	Mx	.002	4
13	MP1C	X	0	.5
14	MP1C	Z	-3.132	.5
15	MP1C	Mx	-.000783	.5
16	MP1C	X	0	4
17	MP1C	Z	-3.132	4
18	MP1C	Mx	-.000783	4
19	MP4A	X	0	.5
20	MP4A	Z	-3.132	.5
21	MP4A	Mx	-.000783	.5
22	MP4A	X	0	4
23	MP4A	Z	-3.132	4
24	MP4A	Mx	-.000783	4
25	MP4B	X	0	.5
26	MP4B	Z	-3.714	.5
27	MP4B	Mx	.002	.5
28	MP4B	X	0	4
29	MP4B	Z	-3.714	4
30	MP4B	Mx	.002	4
31	MP4C	X	0	.5
32	MP4C	Z	-3.132	.5
33	MP4C	Mx	-.000783	.5
34	MP4C	X	0	4
35	MP4C	Z	-3.132	4
36	MP4C	Mx	-.000783	4
37	MP2A	X	0	.25
38	MP2A	Z	-8.556	.25
39	MP2A	Mx	-.007	.25
40	MP2A	X	0	4.75
41	MP2A	Z	-8.556	4.75
42	MP2A	Mx	-.007	4.75
43	MP2B	X	0	.25
44	MP2B	Z	-6.147	.25
45	MP2B	Mx	.003	.25
46	MP2B	X	0	4.75
47	MP2B	Z	-6.147	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	.003	4.75
49	MP2C	X	0	.25
50	MP2C	Z	-8.984	.25
51	MP2C	Mx	.004	.25
52	MP2C	X	0	4.75
53	MP2C	Z	-8.984	4.75
54	MP2C	Mx	.004	4.75
55	MP2A	X	0	.25
56	MP2A	Z	-8.556	.25
57	MP2A	Mx	.002	.25
58	MP2A	X	0	4.75
59	MP2A	Z	-8.556	4.75
60	MP2A	Mx	.002	4.75
61	MP2B	X	0	.25
62	MP2B	Z	-6.147	.25
63	MP2B	Mx	.003	.25
64	MP2B	X	0	4.75
65	MP2B	Z	-6.147	4.75
66	MP2B	Mx	.003	4.75
67	MP2C	X	0	.25
68	MP2C	Z	-8.984	.25
69	MP2C	Mx	-.007	.25
70	MP2C	X	0	4.75
71	MP2C	Z	-8.984	4.75
72	MP2C	Mx	-.007	4.75
73	MP3A	X	0	1.5
74	MP3A	Z	-4.094	1.5
75	MP3A	Mx	.001	1.5
76	MP3A	X	0	3.5
77	MP3A	Z	-4.094	3.5
78	MP3A	Mx	.001	3.5
79	MP3B	X	0	1.5
80	MP3B	Z	-1.89	1.5
81	MP3B	Mx	-.000945	1.5
82	MP3B	X	0	3.5
83	MP3B	Z	-1.89	3.5
84	MP3B	Mx	-.000945	3.5
85	MP3C	X	0	1.5
86	MP3C	Z	-4.485	1.5
87	MP3C	Mx	.000767	1.5
88	MP3C	X	0	3.5
89	MP3C	Z	-4.485	3.5
90	MP3C	Mx	.000767	3.5
91	MP3A	X	0	2
92	MP3A	Z	-2.887	2
93	MP3A	Mx	.001	2
94	MP3B	X	0	2
95	MP3B	Z	-2.887	2
96	MP3B	Mx	.001	2
97	MP3C	X	0	2
98	MP3C	Z	-2.887	2
99	MP3C	Mx	.001	2
100	MP2A	X	0	1.5
101	MP2A	Z	-2.521	1.5
102	MP2A	Mx	.001	1.5
103	MP2B	X	0	1.5
104	MP2B	Z	-2.521	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2B	Mx	.001	1.5
106	MP2C	X	0	1.5
107	MP2C	Z	-2.521	1.5
108	MP2C	Mx	.001	1.5
109	MP2A	X	0	3
110	MP2A	Z	-.585	3
111	MP2A	Mx	.000127	3
112	MP2B	X	0	3
113	MP2B	Z	-.585	3
114	MP2B	Mx	.000127	3
115	MP2C	X	0	3
116	MP2C	Z	-.585	3
117	MP2C	Mx	.000127	3
118	OVP	X	0	1
119	OVP	Z	-6.859	1
120	OVP	Mx	-.000857	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.76	.5
2	MP1A	Z	-3.048	.5
3	MP1A	Mx	-.002	.5
4	MP1A	X	1.76	4
5	MP1A	Z	-3.048	4
6	MP1A	Mx	-.002	4
7	MP1B	X	1.76	.5
8	MP1B	Z	-3.048	.5
9	MP1B	Mx	.002	.5
10	MP1B	X	1.76	4
11	MP1B	Z	-3.048	4
12	MP1B	Mx	.002	4
13	MP1C	X	1.469	.5
14	MP1C	Z	-2.545	.5
15	MP1C	Mx	0	.5
16	MP1C	X	1.469	4
17	MP1C	Z	-2.545	4
18	MP1C	Mx	0	4
19	MP4A	X	1.76	.5
20	MP4A	Z	-3.048	.5
21	MP4A	Mx	-.002	.5
22	MP4A	X	1.76	4
23	MP4A	Z	-3.048	4
24	MP4A	Mx	-.002	4
25	MP4B	X	1.76	.5
26	MP4B	Z	-3.048	.5
27	MP4B	Mx	.002	.5
28	MP4B	X	1.76	4
29	MP4B	Z	-3.048	4
30	MP4B	Mx	.002	4
31	MP4C	X	1.469	.5
32	MP4C	Z	-2.545	.5
33	MP4C	Mx	0	.5
34	MP4C	X	1.469	4
35	MP4C	Z	-2.545	4
36	MP4C	Mx	0	4
37	MP2A	X	3.475	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-6.019	.25
39	MP2A	Mx	-.005	.25
40	MP2A	X	3.475	4.75
41	MP2A	Z	-6.019	4.75
42	MP2A	Mx	-.005	4.75
43	MP2B	X	3.475	.25
44	MP2B	Z	-6.019	.25
45	MP2B	Mx	.000838	.25
46	MP2B	X	3.475	4.75
47	MP2B	Z	-6.019	4.75
48	MP2B	Mx	.000838	4.75
49	MP2C	X	4.631	.25
50	MP2C	Z	-8.022	.25
51	MP2C	Mx	.007	.25
52	MP2C	X	4.631	4.75
53	MP2C	Z	-8.022	4.75
54	MP2C	Mx	.007	4.75
55	MP2A	X	3.475	.25
56	MP2A	Z	-6.019	.25
57	MP2A	Mx	-.000838	.25
58	MP2A	X	3.475	4.75
59	MP2A	Z	-6.019	4.75
60	MP2A	Mx	-.000838	4.75
61	MP2B	X	3.475	.25
62	MP2B	Z	-6.019	.25
63	MP2B	Mx	.005	.25
64	MP2B	X	3.475	4.75
65	MP2B	Z	-6.019	4.75
66	MP2B	Mx	.005	4.75
67	MP2C	X	4.631	.25
68	MP2C	Z	-8.022	.25
69	MP2C	Mx	-.005	.25
70	MP2C	X	4.631	4.75
71	MP2C	Z	-8.022	4.75
72	MP2C	Mx	-.005	4.75
73	MP3A	X	1.312	1.5
74	MP3A	Z	-2.273	1.5
75	MP3A	Mx	.001	1.5
76	MP3A	X	1.312	3.5
77	MP3A	Z	-2.273	3.5
78	MP3A	Mx	.001	3.5
79	MP3B	X	1.312	1.5
80	MP3B	Z	-2.273	1.5
81	MP3B	Mx	-.001	1.5
82	MP3B	X	1.312	3.5
83	MP3B	Z	-2.273	3.5
84	MP3B	Mx	-.001	3.5
85	MP3C	X	2.37	1.5
86	MP3C	Z	-4.105	1.5
87	MP3C	Mx	-.000412	1.5
88	MP3C	X	2.37	3.5
89	MP3C	Z	-4.105	3.5
90	MP3C	Mx	-.000412	3.5
91	MP3A	X	1.284	2
92	MP3A	Z	-2.224	2
93	MP3A	Mx	.001	2
94	MP3B	X	1.284	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3B	Z	-2.224	2
96	MP3B	Mx	.001	2
97	MP3C	X	1.284	2
98	MP3C	Z	-2.224	2
99	MP3C	Mx	.001	2
100	MP2A	X	1.04	1.5
101	MP2A	Z	-1.802	1.5
102	MP2A	Mx	.001	1.5
103	MP2B	X	1.04	1.5
104	MP2B	Z	-1.802	1.5
105	MP2B	Mx	.001	1.5
106	MP2C	X	1.04	1.5
107	MP2C	Z	-1.802	1.5
108	MP2C	Mx	.001	1.5
109	MP2A	X	.263	3
110	MP2A	Z	-.456	3
111	MP2A	Mx	.000132	3
112	MP2B	X	.263	3
113	MP2B	Z	-.456	3
114	MP2B	Mx	.000132	3
115	MP2C	X	.263	3
116	MP2C	Z	-.456	3
117	MP2C	Mx	.000132	3
118	OVP	X	3.182	1
119	OVP	Z	-5.512	1
120	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.216	.5
2	MP1A	Z	-1.857	.5
3	MP1A	Mx	-.002	.5
4	MP1A	X	3.216	4
5	MP1A	Z	-1.857	4
6	MP1A	Mx	-.002	4
7	MP1B	X	2.713	.5
8	MP1B	Z	-1.566	.5
9	MP1B	Mx	.000783	.5
10	MP1B	X	2.713	4
11	MP1B	Z	-1.566	4
12	MP1B	Mx	.000783	4
13	MP1C	X	2.713	.5
14	MP1C	Z	-1.566	.5
15	MP1C	Mx	.000783	.5
16	MP1C	X	2.713	4
17	MP1C	Z	-1.566	4
18	MP1C	Mx	.000783	4
19	MP4A	X	3.216	.5
20	MP4A	Z	-1.857	.5
21	MP4A	Mx	-.002	.5
22	MP4A	X	3.216	4
23	MP4A	Z	-1.857	4
24	MP4A	Mx	-.002	4
25	MP4B	X	2.713	.5
26	MP4B	Z	-1.566	.5
27	MP4B	Mx	.000783	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4B	X	2.713	4
29	MP4B	Z	-1.566	4
30	MP4B	Mx	.000783	4
31	MP4C	X	2.713	.5
32	MP4C	Z	-1.566	.5
33	MP4C	Mx	.000783	.5
34	MP4C	X	2.713	4
35	MP4C	Z	-1.566	4
36	MP4C	Mx	.000783	4
37	MP2A	X	5.324	.25
38	MP2A	Z	-3.074	.25
39	MP2A	Mx	-.003	.25
40	MP2A	X	5.324	4.75
41	MP2A	Z	-3.074	4.75
42	MP2A	Mx	-.003	4.75
43	MP2B	X	7.41	.25
44	MP2B	Z	-4.278	.25
45	MP2B	Mx	-.002	.25
46	MP2B	X	7.41	4.75
47	MP2B	Z	-4.278	4.75
48	MP2B	Mx	-.002	4.75
49	MP2C	X	6.956	.25
50	MP2C	Z	-4.016	.25
51	MP2C	Mx	.006	.25
52	MP2C	X	6.956	4.75
53	MP2C	Z	-4.016	4.75
54	MP2C	Mx	.006	4.75
55	MP2A	X	5.324	.25
56	MP2A	Z	-3.074	.25
57	MP2A	Mx	-.003	.25
58	MP2A	X	5.324	4.75
59	MP2A	Z	-3.074	4.75
60	MP2A	Mx	-.003	4.75
61	MP2B	X	7.41	.25
62	MP2B	Z	-4.278	.25
63	MP2B	Mx	.007	.25
64	MP2B	X	7.41	4.75
65	MP2B	Z	-4.278	4.75
66	MP2B	Mx	.007	4.75
67	MP2C	X	6.956	.25
68	MP2C	Z	-4.016	.25
69	MP2C	Mx	-.001	.25
70	MP2C	X	6.956	4.75
71	MP2C	Z	-4.016	4.75
72	MP2C	Mx	-.001	4.75
73	MP3A	X	1.637	1.5
74	MP3A	Z	-.945	1.5
75	MP3A	Mx	.000945	1.5
76	MP3A	X	1.637	3.5
77	MP3A	Z	-.945	3.5
78	MP3A	Mx	.000945	3.5
79	MP3B	X	3.546	1.5
80	MP3B	Z	-2.047	1.5
81	MP3B	Mx	-.001	1.5
82	MP3B	X	3.546	3.5
83	MP3B	Z	-2.047	3.5
84	MP3B	Mx	-.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3C	X	3.13	1.5
86	MP3C	Z	-1.807	1.5
87	MP3C	Mx	-.001	1.5
88	MP3C	X	3.13	3.5
89	MP3C	Z	-1.807	3.5
90	MP3C	Mx	-.001	3.5
91	MP3A	X	2.5	2
92	MP3A	Z	-1.443	2
93	MP3A	Mx	.001	2
94	MP3B	X	2.5	2
95	MP3B	Z	-1.443	2
96	MP3B	Mx	.001	2
97	MP3C	X	2.5	2
98	MP3C	Z	-1.443	2
99	MP3C	Mx	.001	2
100	MP2A	X	2.183	1.5
101	MP2A	Z	-1.26	1.5
102	MP2A	Mx	.001	1.5
103	MP2B	X	2.183	1.5
104	MP2B	Z	-1.26	1.5
105	MP2B	Mx	.001	1.5
106	MP2C	X	2.183	1.5
107	MP2C	Z	-1.26	1.5
108	MP2C	Mx	.001	1.5
109	MP2A	X	.506	3
110	MP2A	Z	-.292	3
111	MP2A	Mx	.000126	3
112	MP2B	X	.506	3
113	MP2B	Z	-.292	3
114	MP2B	Mx	.000126	3
115	MP2C	X	.506	3
116	MP2C	Z	-.292	3
117	MP2C	Mx	.000126	3
118	OVP	X	5.94	1
119	OVP	Z	-3.429	1
120	OVP	Mx	.000857	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	3.52	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	-.002	.5
4	MP1A	X	3.52	4
5	MP1A	Z	0	4
6	MP1A	Mx	-.002	4
7	MP1B	X	2.938	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	0	.5
10	MP1B	X	2.938	4
11	MP1B	Z	0	4
12	MP1B	Mx	0	4
13	MP1C	X	3.52	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	.002	.5
16	MP1C	X	3.52	4
17	MP1C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	.002	4
19	MP4A	X	3.52	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	-.002	.5
22	MP4A	X	3.52	4
23	MP4A	Z	0	4
24	MP4A	Mx	-.002	4
25	MP4B	X	2.938	.5
26	MP4B	Z	0	.5
27	MP4B	Mx	0	.5
28	MP4B	X	2.938	4
29	MP4B	Z	0	4
30	MP4B	Mx	0	4
31	MP4C	X	3.52	.5
32	MP4C	Z	0	.5
33	MP4C	Mx	.002	.5
34	MP4C	X	3.52	4
35	MP4C	Z	0	4
36	MP4C	Mx	.002	4
37	MP2A	X	6.95	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	-.000838	.25
40	MP2A	X	6.95	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	-.000838	4.75
43	MP2B	X	9.359	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	-.006	.25
46	MP2B	X	9.359	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	-.006	4.75
49	MP2C	X	6.523	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.004	.25
52	MP2C	X	6.523	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	.004	4.75
55	MP2A	X	6.95	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	-.005	.25
58	MP2A	X	6.95	4.75
59	MP2A	Z	0	4.75
60	MP2A	Mx	-.005	4.75
61	MP2B	X	9.359	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.006	.25
64	MP2B	X	9.359	4.75
65	MP2B	Z	0	4.75
66	MP2B	Mx	.006	4.75
67	MP2C	X	6.523	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	.002	.25
70	MP2C	X	6.523	4.75
71	MP2C	Z	0	4.75
72	MP2C	Mx	.002	4.75
73	MP3A	X	2.625	1.5
74	MP3A	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	.001	1.5
76	MP3A	X	2.625	3.5
77	MP3A	Z	0	3.5
78	MP3A	Mx	.001	3.5
79	MP3B	X	4.829	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	0	1.5
82	MP3B	X	4.829	3.5
83	MP3B	Z	0	3.5
84	MP3B	Mx	0	3.5
85	MP3C	X	2.234	1.5
86	MP3C	Z	0	1.5
87	MP3C	Mx	-.001	1.5
88	MP3C	X	2.234	3.5
89	MP3C	Z	0	3.5
90	MP3C	Mx	-.001	3.5
91	MP3A	X	3.524	2
92	MP3A	Z	0	2
93	MP3A	Mx	.000881	2
94	MP3B	X	3.524	2
95	MP3B	Z	0	2
96	MP3B	Mx	.000881	2
97	MP3C	X	3.524	2
98	MP3C	Z	0	2
99	MP3C	Mx	.000881	2
100	MP2A	X	3.402	1.5
101	MP2A	Z	0	1.5
102	MP2A	Mx	.00085	1.5
103	MP2B	X	3.402	1.5
104	MP2B	Z	0	1.5
105	MP2B	Mx	.00085	1.5
106	MP2C	X	3.402	1.5
107	MP2C	Z	0	1.5
108	MP2C	Mx	.00085	1.5
109	MP2A	X	.702	3
110	MP2A	Z	0	3
111	MP2A	Mx	8.8e-5	3
112	MP2B	X	.702	3
113	MP2B	Z	0	3
114	MP2B	Mx	8.8e-5	3
115	MP2C	X	.702	3
116	MP2C	Z	0	3
117	MP2C	Mx	8.8e-5	3
118	OVP	X	7.848	1
119	OVP	Z	0	1
120	OVP	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.713	.5
2	MP1A	Z	1.566	.5
3	MP1A	Mx	-.000783	.5
4	MP1A	X	2.713	4
5	MP1A	Z	1.566	4
6	MP1A	Mx	-.000783	4
7	MP1B	X	2.713	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	1.566	.5
9	MP1B	Mx	-.000783	.5
10	MP1B	X	2.713	4
11	MP1B	Z	1.566	4
12	MP1B	Mx	-.000783	4
13	MP1C	X	3.216	.5
14	MP1C	Z	1.857	.5
15	MP1C	Mx	.002	.5
16	MP1C	X	3.216	4
17	MP1C	Z	1.857	4
18	MP1C	Mx	.002	4
19	MP4A	X	2.713	.5
20	MP4A	Z	1.566	.5
21	MP4A	Mx	-.000783	.5
22	MP4A	X	2.713	4
23	MP4A	Z	1.566	4
24	MP4A	Mx	-.000783	4
25	MP4B	X	2.713	.5
26	MP4B	Z	1.566	.5
27	MP4B	Mx	-.000783	.5
28	MP4B	X	2.713	4
29	MP4B	Z	1.566	4
30	MP4B	Mx	-.000783	4
31	MP4C	X	3.216	.5
32	MP4C	Z	1.857	.5
33	MP4C	Mx	.002	.5
34	MP4C	X	3.216	4
35	MP4C	Z	1.857	4
36	MP4C	Mx	.002	4
37	MP2A	X	7.41	.25
38	MP2A	Z	4.278	.25
39	MP2A	Mx	.002	.25
40	MP2A	X	7.41	4.75
41	MP2A	Z	4.278	4.75
42	MP2A	Mx	.002	4.75
43	MP2B	X	7.41	.25
44	MP2B	Z	4.278	.25
45	MP2B	Mx	-.007	.25
46	MP2B	X	7.41	4.75
47	MP2B	Z	4.278	4.75
48	MP2B	Mx	-.007	4.75
49	MP2C	X	5.407	.25
50	MP2C	Z	3.122	.25
51	MP2C	Mx	.002	.25
52	MP2C	X	5.407	4.75
53	MP2C	Z	3.122	4.75
54	MP2C	Mx	.002	4.75
55	MP2A	X	7.41	.25
56	MP2A	Z	4.278	.25
57	MP2A	Mx	-.007	.25
58	MP2A	X	7.41	4.75
59	MP2A	Z	4.278	4.75
60	MP2A	Mx	-.007	4.75
61	MP2B	X	7.41	.25
62	MP2B	Z	4.278	.25
63	MP2B	Mx	.002	.25
64	MP2B	X	7.41	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	4.278	4.75
66	MP2B	Mx	.002	4.75
67	MP2C	X	5.407	.25
68	MP2C	Z	3.122	.25
69	MP2C	Mx	.004	.25
70	MP2C	X	5.407	4.75
71	MP2C	Z	3.122	4.75
72	MP2C	Mx	.004	4.75
73	MP3A	X	3.546	1.5
74	MP3A	Z	2.047	1.5
75	MP3A	Mx	.001	1.5
76	MP3A	X	3.546	3.5
77	MP3A	Z	2.047	3.5
78	MP3A	Mx	.001	3.5
79	MP3B	X	3.546	1.5
80	MP3B	Z	2.047	1.5
81	MP3B	Mx	.001	1.5
82	MP3B	X	3.546	3.5
83	MP3B	Z	2.047	3.5
84	MP3B	Mx	.001	3.5
85	MP3C	X	1.714	1.5
86	MP3C	Z	.99	1.5
87	MP3C	Mx	-.000975	1.5
88	MP3C	X	1.714	3.5
89	MP3C	Z	.99	3.5
90	MP3C	Mx	-.000975	3.5
91	MP3A	X	3.328	2
92	MP3A	Z	1.921	2
93	MP3A	Mx	0	2
94	MP3B	X	3.328	2
95	MP3B	Z	1.921	2
96	MP3B	Mx	0	2
97	MP3C	X	3.328	2
98	MP3C	Z	1.921	2
99	MP3C	Mx	0	2
100	MP2A	X	3.328	1.5
101	MP2A	Z	1.921	1.5
102	MP2A	Mx	0	1.5
103	MP2B	X	3.328	1.5
104	MP2B	Z	1.921	1.5
105	MP2B	Mx	0	1.5
106	MP2C	X	3.328	1.5
107	MP2C	Z	1.921	1.5
108	MP2C	Mx	0	1.5
109	MP2A	X	.658	3
110	MP2A	Z	.38	3
111	MP2A	Mx	0	3
112	MP2B	X	.658	3
113	MP2B	Z	.38	3
114	MP2B	Mx	0	3
115	MP2C	X	.658	3
116	MP2C	Z	.38	3
117	MP2C	Mx	0	3
118	OVP	X	7.225	1
119	OVP	Z	4.171	1
120	OVP	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	1.469	.5
2	MP1A	Z	2.545	.5
3	MP1A	Mx	0	.5
4	MP1A	X	1.469	4
5	MP1A	Z	2.545	4
6	MP1A	Mx	0	4
7	MP1B	X	1.76	.5
8	MP1B	Z	3.048	.5
9	MP1B	Mx	-.002	.5
10	MP1B	X	1.76	4
11	MP1B	Z	3.048	4
12	MP1B	Mx	-.002	4
13	MP1C	X	1.76	.5
14	MP1C	Z	3.048	.5
15	MP1C	Mx	.002	.5
16	MP1C	X	1.76	4
17	MP1C	Z	3.048	4
18	MP1C	Mx	.002	4
19	MP4A	X	1.469	.5
20	MP4A	Z	2.545	.5
21	MP4A	Mx	0	.5
22	MP4A	X	1.469	4
23	MP4A	Z	2.545	4
24	MP4A	Mx	0	4
25	MP4B	X	1.76	.5
26	MP4B	Z	3.048	.5
27	MP4B	Mx	-.002	.5
28	MP4B	X	1.76	4
29	MP4B	Z	3.048	4
30	MP4B	Mx	-.002	4
31	MP4C	X	1.76	.5
32	MP4C	Z	3.048	.5
33	MP4C	Mx	.002	.5
34	MP4C	X	1.76	4
35	MP4C	Z	3.048	4
36	MP4C	Mx	.002	4
37	MP2A	X	4.68	.25
38	MP2A	Z	8.105	.25
39	MP2A	Mx	.006	.25
40	MP2A	X	4.68	4.75
41	MP2A	Z	8.105	4.75
42	MP2A	Mx	.006	4.75
43	MP2B	X	3.475	.25
44	MP2B	Z	6.019	.25
45	MP2B	Mx	-.005	.25
46	MP2B	X	3.475	4.75
47	MP2B	Z	6.019	4.75
48	MP2B	Mx	-.005	4.75
49	MP2C	X	3.737	.25
50	MP2C	Z	6.473	.25
51	MP2C	Mx	-.00014	.25
52	MP2C	X	3.737	4.75
53	MP2C	Z	6.473	4.75
54	MP2C	Mx	-.00014	4.75
55	MP2A	X	4.68	.25
56	MP2A	Z	8.105	.25
57	MP2A	Mx	-.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	4.68	4.75
59	MP2A	Z	8.105	4.75
60	MP2A	Mx	-.006	4.75
61	MP2B	X	3.475	.25
62	MP2B	Z	6.019	.25
63	MP2B	Mx	-.000838	.25
64	MP2B	X	3.475	4.75
65	MP2B	Z	6.019	4.75
66	MP2B	Mx	-.000838	4.75
67	MP2C	X	3.737	.25
68	MP2C	Z	6.473	.25
69	MP2C	Mx	.006	.25
70	MP2C	X	3.737	4.75
71	MP2C	Z	6.473	4.75
72	MP2C	Mx	.006	4.75
73	MP3A	X	2.414	1.5
74	MP3A	Z	4.182	1.5
75	MP3A	Mx	0	1.5
76	MP3A	X	2.414	3.5
77	MP3A	Z	4.182	3.5
78	MP3A	Mx	0	3.5
79	MP3B	X	1.312	1.5
80	MP3B	Z	2.273	1.5
81	MP3B	Mx	.001	1.5
82	MP3B	X	1.312	3.5
83	MP3B	Z	2.273	3.5
84	MP3B	Mx	.001	3.5
85	MP3C	X	1.552	1.5
86	MP3C	Z	2.688	1.5
87	MP3C	Mx	-.001	1.5
88	MP3C	X	1.552	3.5
89	MP3C	Z	2.688	3.5
90	MP3C	Mx	-.001	3.5
91	MP3A	X	1.762	2
92	MP3A	Z	3.052	2
93	MP3A	Mx	-.000881	2
94	MP3B	X	1.762	2
95	MP3B	Z	3.052	2
96	MP3B	Mx	-.000881	2
97	MP3C	X	1.762	2
98	MP3C	Z	3.052	2
99	MP3C	Mx	-.000881	2
100	MP2A	X	1.701	1.5
101	MP2A	Z	2.946	1.5
102	MP2A	Mx	-.00085	1.5
103	MP2B	X	1.701	1.5
104	MP2B	Z	2.946	1.5
105	MP2B	Mx	-.00085	1.5
106	MP2C	X	1.701	1.5
107	MP2C	Z	2.946	1.5
108	MP2C	Mx	-.00085	1.5
109	MP2A	X	.351	3
110	MP2A	Z	.608	3
111	MP2A	Mx	-8.8e-5	3
112	MP2B	X	.351	3
113	MP2B	Z	.608	3
114	MP2B	Mx	-8.8e-5	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2C	X	.351	3
116	MP2C	Z	.608	3
117	MP2C	Mx	-8.8e-5	3
118	OVP	X	3.924	1
119	OVP	Z	6.796	1
120	OVP	Mx	.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	.5
2	MP1A	Z	3.132	.5
3	MP1A	Mx	.000783	.5
4	MP1A	X	0	4
5	MP1A	Z	3.132	4
6	MP1A	Mx	.000783	4
7	MP1B	X	0	.5
8	MP1B	Z	3.714	.5
9	MP1B	Mx	-.002	.5
10	MP1B	X	0	4
11	MP1B	Z	3.714	4
12	MP1B	Mx	-.002	4
13	MP1C	X	0	.5
14	MP1C	Z	3.132	.5
15	MP1C	Mx	.000783	.5
16	MP1C	X	0	4
17	MP1C	Z	3.132	4
18	MP1C	Mx	.000783	4
19	MP4A	X	0	.5
20	MP4A	Z	3.132	.5
21	MP4A	Mx	.000783	.5
22	MP4A	X	0	4
23	MP4A	Z	3.132	4
24	MP4A	Mx	.000783	4
25	MP4B	X	0	.5
26	MP4B	Z	3.714	.5
27	MP4B	Mx	-.002	.5
28	MP4B	X	0	4
29	MP4B	Z	3.714	4
30	MP4B	Mx	-.002	4
31	MP4C	X	0	.5
32	MP4C	Z	3.132	.5
33	MP4C	Mx	.000783	.5
34	MP4C	X	0	4
35	MP4C	Z	3.132	4
36	MP4C	Mx	.000783	4
37	MP2A	X	0	.25
38	MP2A	Z	8.556	.25
39	MP2A	Mx	.007	.25
40	MP2A	X	0	4.75
41	MP2A	Z	8.556	4.75
42	MP2A	Mx	.007	4.75
43	MP2B	X	0	.25
44	MP2B	Z	6.147	.25
45	MP2B	Mx	-.003	.25
46	MP2B	X	0	4.75
47	MP2B	Z	6.147	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	-.003	4.75
49	MP2C	X	0	.25
50	MP2C	Z	8.984	.25
51	MP2C	Mx	-.004	.25
52	MP2C	X	0	4.75
53	MP2C	Z	8.984	4.75
54	MP2C	Mx	-.004	4.75
55	MP2A	X	0	.25
56	MP2A	Z	8.556	.25
57	MP2A	Mx	-.002	.25
58	MP2A	X	0	4.75
59	MP2A	Z	8.556	4.75
60	MP2A	Mx	-.002	4.75
61	MP2B	X	0	.25
62	MP2B	Z	6.147	.25
63	MP2B	Mx	-.003	.25
64	MP2B	X	0	4.75
65	MP2B	Z	6.147	4.75
66	MP2B	Mx	-.003	4.75
67	MP2C	X	0	.25
68	MP2C	Z	8.984	.25
69	MP2C	Mx	.007	.25
70	MP2C	X	0	4.75
71	MP2C	Z	8.984	4.75
72	MP2C	Mx	.007	4.75
73	MP3A	X	0	1.5
74	MP3A	Z	4.094	1.5
75	MP3A	Mx	-.001	1.5
76	MP3A	X	0	3.5
77	MP3A	Z	4.094	3.5
78	MP3A	Mx	-.001	3.5
79	MP3B	X	0	1.5
80	MP3B	Z	1.89	1.5
81	MP3B	Mx	.000945	1.5
82	MP3B	X	0	3.5
83	MP3B	Z	1.89	3.5
84	MP3B	Mx	.000945	3.5
85	MP3C	X	0	1.5
86	MP3C	Z	4.485	1.5
87	MP3C	Mx	-.000767	1.5
88	MP3C	X	0	3.5
89	MP3C	Z	4.485	3.5
90	MP3C	Mx	-.000767	3.5
91	MP3A	X	0	2
92	MP3A	Z	2.887	2
93	MP3A	Mx	-.001	2
94	MP3B	X	0	2
95	MP3B	Z	2.887	2
96	MP3B	Mx	-.001	2
97	MP3C	X	0	2
98	MP3C	Z	2.887	2
99	MP3C	Mx	-.001	2
100	MP2A	X	0	1.5
101	MP2A	Z	2.521	1.5
102	MP2A	Mx	-.001	1.5
103	MP2B	X	0	1.5
104	MP2B	Z	2.521	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP2B	Mx	-.001	1.5
106	MP2C	X	0	1.5
107	MP2C	Z	2.521	1.5
108	MP2C	Mx	-.001	1.5
109	MP2A	X	0	3
110	MP2A	Z	.585	3
111	MP2A	Mx	-.000127	3
112	MP2B	X	0	3
113	MP2B	Z	.585	3
114	MP2B	Mx	-.000127	3
115	MP2C	X	0	3
116	MP2C	Z	.585	3
117	MP2C	Mx	-.000127	3
118	OVP	X	0	1
119	OVP	Z	6.859	1
120	OVP	Mx	.000857	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.76	.5
2	MP1A	Z	3.048	.5
3	MP1A	Mx	.002	.5
4	MP1A	X	-1.76	4
5	MP1A	Z	3.048	4
6	MP1A	Mx	.002	4
7	MP1B	X	-1.76	.5
8	MP1B	Z	3.048	.5
9	MP1B	Mx	-.002	.5
10	MP1B	X	-1.76	4
11	MP1B	Z	3.048	4
12	MP1B	Mx	-.002	4
13	MP1C	X	-1.469	.5
14	MP1C	Z	2.545	.5
15	MP1C	Mx	0	.5
16	MP1C	X	-1.469	4
17	MP1C	Z	2.545	4
18	MP1C	Mx	0	4
19	MP4A	X	-1.76	.5
20	MP4A	Z	3.048	.5
21	MP4A	Mx	.002	.5
22	MP4A	X	-1.76	4
23	MP4A	Z	3.048	4
24	MP4A	Mx	.002	4
25	MP4B	X	-1.76	.5
26	MP4B	Z	3.048	.5
27	MP4B	Mx	-.002	.5
28	MP4B	X	-1.76	4
29	MP4B	Z	3.048	4
30	MP4B	Mx	-.002	4
31	MP4C	X	-1.469	.5
32	MP4C	Z	2.545	.5
33	MP4C	Mx	0	.5
34	MP4C	X	-1.469	4
35	MP4C	Z	2.545	4
36	MP4C	Mx	0	4
37	MP2A	X	-3.475	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	6.019	.25
39	MP2A	Mx	.005	.25
40	MP2A	X	-3.475	4.75
41	MP2A	Z	6.019	4.75
42	MP2A	Mx	.005	4.75
43	MP2B	X	-3.475	.25
44	MP2B	Z	6.019	.25
45	MP2B	Mx	-.000838	.25
46	MP2B	X	-3.475	4.75
47	MP2B	Z	6.019	4.75
48	MP2B	Mx	-.000838	4.75
49	MP2C	X	-4.631	.25
50	MP2C	Z	8.022	.25
51	MP2C	Mx	-.007	.25
52	MP2C	X	-4.631	4.75
53	MP2C	Z	8.022	4.75
54	MP2C	Mx	-.007	4.75
55	MP2A	X	-3.475	.25
56	MP2A	Z	6.019	.25
57	MP2A	Mx	.000838	.25
58	MP2A	X	-3.475	4.75
59	MP2A	Z	6.019	4.75
60	MP2A	Mx	.000838	4.75
61	MP2B	X	-3.475	.25
62	MP2B	Z	6.019	.25
63	MP2B	Mx	-.005	.25
64	MP2B	X	-3.475	4.75
65	MP2B	Z	6.019	4.75
66	MP2B	Mx	-.005	4.75
67	MP2C	X	-4.631	.25
68	MP2C	Z	8.022	.25
69	MP2C	Mx	.005	.25
70	MP2C	X	-4.631	4.75
71	MP2C	Z	8.022	4.75
72	MP2C	Mx	.005	4.75
73	MP3A	X	-1.312	1.5
74	MP3A	Z	2.273	1.5
75	MP3A	Mx	-.001	1.5
76	MP3A	X	-1.312	3.5
77	MP3A	Z	2.273	3.5
78	MP3A	Mx	-.001	3.5
79	MP3B	X	-1.312	1.5
80	MP3B	Z	2.273	1.5
81	MP3B	Mx	.001	1.5
82	MP3B	X	-1.312	3.5
83	MP3B	Z	2.273	3.5
84	MP3B	Mx	.001	3.5
85	MP3C	X	-2.37	1.5
86	MP3C	Z	4.105	1.5
87	MP3C	Mx	.000412	1.5
88	MP3C	X	-2.37	3.5
89	MP3C	Z	4.105	3.5
90	MP3C	Mx	.000412	3.5
91	MP3A	X	-1.284	2
92	MP3A	Z	2.224	2
93	MP3A	Mx	-.001	2
94	MP3B	X	-1.284	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP3B	Z	2.224	2
96	MP3B	Mx	-.001	2
97	MP3C	X	-1.284	2
98	MP3C	Z	2.224	2
99	MP3C	Mx	-.001	2
100	MP2A	X	-1.04	1.5
101	MP2A	Z	1.802	1.5
102	MP2A	Mx	-.001	1.5
103	MP2B	X	-1.04	1.5
104	MP2B	Z	1.802	1.5
105	MP2B	Mx	-.001	1.5
106	MP2C	X	-1.04	1.5
107	MP2C	Z	1.802	1.5
108	MP2C	Mx	-.001	1.5
109	MP2A	X	-.263	3
110	MP2A	Z	.456	3
111	MP2A	Mx	-.000132	3
112	MP2B	X	-.263	3
113	MP2B	Z	.456	3
114	MP2B	Mx	-.000132	3
115	MP2C	X	-.263	3
116	MP2C	Z	.456	3
117	MP2C	Mx	-.000132	3
118	OVP	X	-3.182	1
119	OVP	Z	5.512	1
120	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-3.216	.5
2	MP1A	Z	1.857	.5
3	MP1A	Mx	.002	.5
4	MP1A	X	-3.216	4
5	MP1A	Z	1.857	4
6	MP1A	Mx	.002	4
7	MP1B	X	-2.713	.5
8	MP1B	Z	1.566	.5
9	MP1B	Mx	-.000783	.5
10	MP1B	X	-2.713	4
11	MP1B	Z	1.566	4
12	MP1B	Mx	-.000783	4
13	MP1C	X	-2.713	.5
14	MP1C	Z	1.566	.5
15	MP1C	Mx	-.000783	.5
16	MP1C	X	-2.713	4
17	MP1C	Z	1.566	4
18	MP1C	Mx	-.000783	4
19	MP4A	X	-3.216	.5
20	MP4A	Z	1.857	.5
21	MP4A	Mx	.002	.5
22	MP4A	X	-3.216	4
23	MP4A	Z	1.857	4
24	MP4A	Mx	.002	4
25	MP4B	X	-2.713	.5
26	MP4B	Z	1.566	.5
27	MP4B	Mx	-.000783	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4B	X	-2.713	4
29	MP4B	Z	1.566	4
30	MP4B	Mx	-.000783	4
31	MP4C	X	-2.713	.5
32	MP4C	Z	1.566	.5
33	MP4C	Mx	-.000783	.5
34	MP4C	X	-2.713	4
35	MP4C	Z	1.566	4
36	MP4C	Mx	-.000783	4
37	MP2A	X	-5.324	.25
38	MP2A	Z	3.074	.25
39	MP2A	Mx	.003	.25
40	MP2A	X	-5.324	4.75
41	MP2A	Z	3.074	4.75
42	MP2A	Mx	.003	4.75
43	MP2B	X	-7.41	.25
44	MP2B	Z	4.278	.25
45	MP2B	Mx	.002	.25
46	MP2B	X	-7.41	4.75
47	MP2B	Z	4.278	4.75
48	MP2B	Mx	.002	4.75
49	MP2C	X	-6.956	.25
50	MP2C	Z	4.016	.25
51	MP2C	Mx	-.006	.25
52	MP2C	X	-6.956	4.75
53	MP2C	Z	4.016	4.75
54	MP2C	Mx	-.006	4.75
55	MP2A	X	-5.324	.25
56	MP2A	Z	3.074	.25
57	MP2A	Mx	.003	.25
58	MP2A	X	-5.324	4.75
59	MP2A	Z	3.074	4.75
60	MP2A	Mx	.003	4.75
61	MP2B	X	-7.41	.25
62	MP2B	Z	4.278	.25
63	MP2B	Mx	-.007	.25
64	MP2B	X	-7.41	4.75
65	MP2B	Z	4.278	4.75
66	MP2B	Mx	-.007	4.75
67	MP2C	X	-6.956	.25
68	MP2C	Z	4.016	.25
69	MP2C	Mx	.001	.25
70	MP2C	X	-6.956	4.75
71	MP2C	Z	4.016	4.75
72	MP2C	Mx	.001	4.75
73	MP3A	X	-1.637	1.5
74	MP3A	Z	.945	1.5
75	MP3A	Mx	-.000945	1.5
76	MP3A	X	-1.637	3.5
77	MP3A	Z	.945	3.5
78	MP3A	Mx	-.000945	3.5
79	MP3B	X	-3.546	1.5
80	MP3B	Z	2.047	1.5
81	MP3B	Mx	.001	1.5
82	MP3B	X	-3.546	3.5
83	MP3B	Z	2.047	3.5
84	MP3B	Mx	.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3C	X	-3.13	1.5
86	MP3C	Z	1.807	1.5
87	MP3C	Mx	.001	1.5
88	MP3C	X	-3.13	3.5
89	MP3C	Z	1.807	3.5
90	MP3C	Mx	.001	3.5
91	MP3A	X	-2.5	2
92	MP3A	Z	1.443	2
93	MP3A	Mx	-.001	2
94	MP3B	X	-2.5	2
95	MP3B	Z	1.443	2
96	MP3B	Mx	-.001	2
97	MP3C	X	-2.5	2
98	MP3C	Z	1.443	2
99	MP3C	Mx	-.001	2
100	MP2A	X	-2.183	1.5
101	MP2A	Z	1.26	1.5
102	MP2A	Mx	-.001	1.5
103	MP2B	X	-2.183	1.5
104	MP2B	Z	1.26	1.5
105	MP2B	Mx	-.001	1.5
106	MP2C	X	-2.183	1.5
107	MP2C	Z	1.26	1.5
108	MP2C	Mx	-.001	1.5
109	MP2A	X	-.506	3
110	MP2A	Z	.292	3
111	MP2A	Mx	-.000126	3
112	MP2B	X	-.506	3
113	MP2B	Z	.292	3
114	MP2B	Mx	-.000126	3
115	MP2C	X	-.506	3
116	MP2C	Z	.292	3
117	MP2C	Mx	-.000126	3
118	OVP	X	-5.94	1
119	OVP	Z	3.429	1
120	OVP	Mx	-.000857	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-3.52	.5
2	MP1A	Z	0	.5
3	MP1A	Mx	.002	.5
4	MP1A	X	-3.52	4
5	MP1A	Z	0	4
6	MP1A	Mx	.002	4
7	MP1B	X	-2.938	.5
8	MP1B	Z	0	.5
9	MP1B	Mx	0	.5
10	MP1B	X	-2.938	4
11	MP1B	Z	0	4
12	MP1B	Mx	0	4
13	MP1C	X	-3.52	.5
14	MP1C	Z	0	.5
15	MP1C	Mx	-.002	.5
16	MP1C	X	-3.52	4
17	MP1C	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	-.002	4
19	MP4A	X	-3.52	.5
20	MP4A	Z	0	.5
21	MP4A	Mx	.002	.5
22	MP4A	X	-3.52	4
23	MP4A	Z	0	4
24	MP4A	Mx	.002	4
25	MP4B	X	-2.938	.5
26	MP4B	Z	0	.5
27	MP4B	Mx	0	.5
28	MP4B	X	-2.938	4
29	MP4B	Z	0	4
30	MP4B	Mx	0	4
31	MP4C	X	-3.52	.5
32	MP4C	Z	0	.5
33	MP4C	Mx	-.002	.5
34	MP4C	X	-3.52	4
35	MP4C	Z	0	4
36	MP4C	Mx	-.002	4
37	MP2A	X	-6.95	.25
38	MP2A	Z	0	.25
39	MP2A	Mx	.000838	.25
40	MP2A	X	-6.95	4.75
41	MP2A	Z	0	4.75
42	MP2A	Mx	.000838	4.75
43	MP2B	X	-9.359	.25
44	MP2B	Z	0	.25
45	MP2B	Mx	.006	.25
46	MP2B	X	-9.359	4.75
47	MP2B	Z	0	4.75
48	MP2B	Mx	.006	4.75
49	MP2C	X	-6.523	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	-.004	.25
52	MP2C	X	-6.523	4.75
53	MP2C	Z	0	4.75
54	MP2C	Mx	-.004	4.75
55	MP2A	X	-6.95	.25
56	MP2A	Z	0	.25
57	MP2A	Mx	.005	.25
58	MP2A	X	-6.95	4.75
59	MP2A	Z	0	4.75
60	MP2A	Mx	.005	4.75
61	MP2B	X	-9.359	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.006	.25
64	MP2B	X	-9.359	4.75
65	MP2B	Z	0	4.75
66	MP2B	Mx	-.006	4.75
67	MP2C	X	-6.523	.25
68	MP2C	Z	0	.25
69	MP2C	Mx	-.002	.25
70	MP2C	X	-6.523	4.75
71	MP2C	Z	0	4.75
72	MP2C	Mx	-.002	4.75
73	MP3A	X	-2.625	1.5
74	MP3A	Z	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3A	Mx	-.001	1.5
76	MP3A	X	-2.625	3.5
77	MP3A	Z	0	3.5
78	MP3A	Mx	-.001	3.5
79	MP3B	X	-4.829	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	0	1.5
82	MP3B	X	-4.829	3.5
83	MP3B	Z	0	3.5
84	MP3B	Mx	0	3.5
85	MP3C	X	-2.234	1.5
86	MP3C	Z	0	1.5
87	MP3C	Mx	.001	1.5
88	MP3C	X	-2.234	3.5
89	MP3C	Z	0	3.5
90	MP3C	Mx	.001	3.5
91	MP3A	X	-3.524	2
92	MP3A	Z	0	2
93	MP3A	Mx	-.000881	2
94	MP3B	X	-3.524	2
95	MP3B	Z	0	2
96	MP3B	Mx	-.000881	2
97	MP3C	X	-3.524	2
98	MP3C	Z	0	2
99	MP3C	Mx	-.000881	2
100	MP2A	X	-3.402	1.5
101	MP2A	Z	0	1.5
102	MP2A	Mx	-.00085	1.5
103	MP2B	X	-3.402	1.5
104	MP2B	Z	0	1.5
105	MP2B	Mx	-.00085	1.5
106	MP2C	X	-3.402	1.5
107	MP2C	Z	0	1.5
108	MP2C	Mx	-.00085	1.5
109	MP2A	X	-.702	3
110	MP2A	Z	0	3
111	MP2A	Mx	-8.8e-5	3
112	MP2B	X	-.702	3
113	MP2B	Z	0	3
114	MP2B	Mx	-8.8e-5	3
115	MP2C	X	-.702	3
116	MP2C	Z	0	3
117	MP2C	Mx	-8.8e-5	3
118	OVP	X	-7.848	1
119	OVP	Z	0	1
120	OVP	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.713	.5
2	MP1A	Z	-1.566	.5
3	MP1A	Mx	.000783	.5
4	MP1A	X	-2.713	4
5	MP1A	Z	-1.566	4
6	MP1A	Mx	.000783	4
7	MP1B	X	-2.713	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	-1.566	.5
9	MP1B	Mx	.000783	.5
10	MP1B	X	-2.713	4
11	MP1B	Z	-1.566	4
12	MP1B	Mx	.000783	4
13	MP1C	X	-3.216	.5
14	MP1C	Z	-1.857	.5
15	MP1C	Mx	-.002	.5
16	MP1C	X	-3.216	4
17	MP1C	Z	-1.857	4
18	MP1C	Mx	-.002	4
19	MP4A	X	-2.713	.5
20	MP4A	Z	-1.566	.5
21	MP4A	Mx	.000783	.5
22	MP4A	X	-2.713	4
23	MP4A	Z	-1.566	4
24	MP4A	Mx	.000783	4
25	MP4B	X	-2.713	.5
26	MP4B	Z	-1.566	.5
27	MP4B	Mx	.000783	.5
28	MP4B	X	-2.713	4
29	MP4B	Z	-1.566	4
30	MP4B	Mx	.000783	4
31	MP4C	X	-3.216	.5
32	MP4C	Z	-1.857	.5
33	MP4C	Mx	-.002	.5
34	MP4C	X	-3.216	4
35	MP4C	Z	-1.857	4
36	MP4C	Mx	-.002	4
37	MP2A	X	-7.41	.25
38	MP2A	Z	-4.278	.25
39	MP2A	Mx	-.002	.25
40	MP2A	X	-7.41	4.75
41	MP2A	Z	-4.278	4.75
42	MP2A	Mx	-.002	4.75
43	MP2B	X	-7.41	.25
44	MP2B	Z	-4.278	.25
45	MP2B	Mx	.007	.25
46	MP2B	X	-7.41	4.75
47	MP2B	Z	-4.278	4.75
48	MP2B	Mx	.007	4.75
49	MP2C	X	-5.407	.25
50	MP2C	Z	-3.122	.25
51	MP2C	Mx	-.002	.25
52	MP2C	X	-5.407	4.75
53	MP2C	Z	-3.122	4.75
54	MP2C	Mx	-.002	4.75
55	MP2A	X	-7.41	.25
56	MP2A	Z	-4.278	.25
57	MP2A	Mx	.007	.25
58	MP2A	X	-7.41	4.75
59	MP2A	Z	-4.278	4.75
60	MP2A	Mx	.007	4.75
61	MP2B	X	-7.41	.25
62	MP2B	Z	-4.278	.25
63	MP2B	Mx	-.002	.25
64	MP2B	X	-7.41	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	-4.278	4.75
66	MP2B	Mx	-.002	4.75
67	MP2C	X	-5.407	.25
68	MP2C	Z	-3.122	.25
69	MP2C	Mx	-.004	.25
70	MP2C	X	-5.407	4.75
71	MP2C	Z	-3.122	4.75
72	MP2C	Mx	-.004	4.75
73	MP3A	X	-3.546	1.5
74	MP3A	Z	-2.047	1.5
75	MP3A	Mx	-.001	1.5
76	MP3A	X	-3.546	3.5
77	MP3A	Z	-2.047	3.5
78	MP3A	Mx	-.001	3.5
79	MP3B	X	-3.546	1.5
80	MP3B	Z	-2.047	1.5
81	MP3B	Mx	-.001	1.5
82	MP3B	X	-3.546	3.5
83	MP3B	Z	-2.047	3.5
84	MP3B	Mx	-.001	3.5
85	MP3C	X	-1.714	1.5
86	MP3C	Z	-.99	1.5
87	MP3C	Mx	.000975	1.5
88	MP3C	X	-1.714	3.5
89	MP3C	Z	-.99	3.5
90	MP3C	Mx	.000975	3.5
91	MP3A	X	-3.328	2
92	MP3A	Z	-1.921	2
93	MP3A	Mx	0	2
94	MP3B	X	-3.328	2
95	MP3B	Z	-1.921	2
96	MP3B	Mx	0	2
97	MP3C	X	-3.328	2
98	MP3C	Z	-1.921	2
99	MP3C	Mx	0	2
100	MP2A	X	-3.328	1.5
101	MP2A	Z	-1.921	1.5
102	MP2A	Mx	0	1.5
103	MP2B	X	-3.328	1.5
104	MP2B	Z	-1.921	1.5
105	MP2B	Mx	0	1.5
106	MP2C	X	-3.328	1.5
107	MP2C	Z	-1.921	1.5
108	MP2C	Mx	0	1.5
109	MP2A	X	-.658	3
110	MP2A	Z	-.38	3
111	MP2A	Mx	0	3
112	MP2B	X	-.658	3
113	MP2B	Z	-.38	3
114	MP2B	Mx	0	3
115	MP2C	X	-.658	3
116	MP2C	Z	-.38	3
117	MP2C	Mx	0	3
118	OVP	X	-7.225	1
119	OVP	Z	-4.171	1
120	OVP	Mx	-.002	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-1.469	.5
2	MP1A	Z	-2.545	.5
3	MP1A	Mx	0	.5
4	MP1A	X	-1.469	4
5	MP1A	Z	-2.545	4
6	MP1A	Mx	0	4
7	MP1B	X	-1.76	.5
8	MP1B	Z	-3.048	.5
9	MP1B	Mx	.002	.5
10	MP1B	X	-1.76	4
11	MP1B	Z	-3.048	4
12	MP1B	Mx	.002	4
13	MP1C	X	-1.76	.5
14	MP1C	Z	-3.048	.5
15	MP1C	Mx	-.002	.5
16	MP1C	X	-1.76	4
17	MP1C	Z	-3.048	4
18	MP1C	Mx	-.002	4
19	MP4A	X	-1.469	.5
20	MP4A	Z	-2.545	.5
21	MP4A	Mx	0	.5
22	MP4A	X	-1.469	4
23	MP4A	Z	-2.545	4
24	MP4A	Mx	0	4
25	MP4B	X	-1.76	.5
26	MP4B	Z	-3.048	.5
27	MP4B	Mx	.002	.5
28	MP4B	X	-1.76	4
29	MP4B	Z	-3.048	4
30	MP4B	Mx	.002	4
31	MP4C	X	-1.76	.5
32	MP4C	Z	-3.048	.5
33	MP4C	Mx	-.002	.5
34	MP4C	X	-1.76	4
35	MP4C	Z	-3.048	4
36	MP4C	Mx	-.002	4
37	MP2A	X	-4.68	.25
38	MP2A	Z	-8.105	.25
39	MP2A	Mx	-.006	.25
40	MP2A	X	-4.68	4.75
41	MP2A	Z	-8.105	4.75
42	MP2A	Mx	-.006	4.75
43	MP2B	X	-3.475	.25
44	MP2B	Z	-6.019	.25
45	MP2B	Mx	.005	.25
46	MP2B	X	-3.475	4.75
47	MP2B	Z	-6.019	4.75
48	MP2B	Mx	.005	4.75
49	MP2C	X	-3.737	.25
50	MP2C	Z	-6.473	.25
51	MP2C	Mx	.00014	.25
52	MP2C	X	-3.737	4.75
53	MP2C	Z	-6.473	4.75
54	MP2C	Mx	.00014	4.75
55	MP2A	X	-4.68	.25
56	MP2A	Z	-8.105	.25
57	MP2A	Mx	.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-4.68	4.75
59	MP2A	Z	-8.105	4.75
60	MP2A	Mx	.006	4.75
61	MP2B	X	-3.475	.25
62	MP2B	Z	-6.019	.25
63	MP2B	Mx	.000838	.25
64	MP2B	X	-3.475	4.75
65	MP2B	Z	-6.019	4.75
66	MP2B	Mx	.000838	4.75
67	MP2C	X	-3.737	.25
68	MP2C	Z	-6.473	.25
69	MP2C	Mx	-.006	.25
70	MP2C	X	-3.737	4.75
71	MP2C	Z	-6.473	4.75
72	MP2C	Mx	-.006	4.75
73	MP3A	X	-2.414	1.5
74	MP3A	Z	-4.182	1.5
75	MP3A	Mx	0	1.5
76	MP3A	X	-2.414	3.5
77	MP3A	Z	-4.182	3.5
78	MP3A	Mx	0	3.5
79	MP3B	X	-1.312	1.5
80	MP3B	Z	-2.273	1.5
81	MP3B	Mx	-.001	1.5
82	MP3B	X	-1.312	3.5
83	MP3B	Z	-2.273	3.5
84	MP3B	Mx	-.001	3.5
85	MP3C	X	-1.552	1.5
86	MP3C	Z	-2.688	1.5
87	MP3C	Mx	.001	1.5
88	MP3C	X	-1.552	3.5
89	MP3C	Z	-2.688	3.5
90	MP3C	Mx	.001	3.5
91	MP3A	X	-1.762	2
92	MP3A	Z	-3.052	2
93	MP3A	Mx	.000881	2
94	MP3B	X	-1.762	2
95	MP3B	Z	-3.052	2
96	MP3B	Mx	.000881	2
97	MP3C	X	-1.762	2
98	MP3C	Z	-3.052	2
99	MP3C	Mx	.000881	2
100	MP2A	X	-1.701	1.5
101	MP2A	Z	-2.946	1.5
102	MP2A	Mx	.00085	1.5
103	MP2B	X	-1.701	1.5
104	MP2B	Z	-2.946	1.5
105	MP2B	Mx	.00085	1.5
106	MP2C	X	-1.701	1.5
107	MP2C	Z	-2.946	1.5
108	MP2C	Mx	.00085	1.5
109	MP2A	X	-.351	3
110	MP2A	Z	-.608	3
111	MP2A	Mx	8.8e-5	3
112	MP2B	X	-.351	3
113	MP2B	Z	-.608	3
114	MP2B	Mx	8.8e-5	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2C	X	-.351	3
116	MP2C	Z	-.608	3
117	MP2C	Mx	8.8e-5	3
118	OVP	X	-3.924	1
119	OVP	Z	-6.796	1
120	OVP	Mx	-.002	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%34

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%59

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	%50

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	M20	Y	-6.502	-6.502	0	%100
2	M72A	Y	-9.521	-9.521	0	%100
3	M73	Y	-9.521	-9.521	0	%100
4	M74	Y	-9.521	-9.521	0	%100
5	M75	Y	-10.03	-10.03	0	%100
6	M78	Y	-5.562	-5.562	0	%100
7	M79	Y	-5.562	-5.562	0	%100
8	M84	Y	-10.018	-10.018	0	%100
9	M85	Y	-10.018	-10.018	0	%100
10	M87A	Y	-10.03	-10.03	0	%100
11	M89A	Y	-10.018	-10.018	0	%100
12	M90A	Y	-10.018	-10.018	0	%100
13	M92	Y	-10.03	-10.03	0	%100
14	M70A	Y	-4.928	-4.928	0	%100
15	MP4A	Y	-4.928	-4.928	0	%100
16	MP3A	Y	-4.928	-4.928	0	%100
17	MP2A	Y	-5.627	-5.627	0	%100
18	MP1A	Y	-4.928	-4.928	0	%100
19	M37	Y	-9.521	-9.521	0	%100
20	M38	Y	-9.521	-9.521	0	%100
21	M39	Y	-9.521	-9.521	0	%100
22	M40	Y	-10.03	-10.03	0	%100
23	M43	Y	-5.562	-5.562	0	%100
24	M44	Y	-5.562	-5.562	0	%100
25	M49	Y	-10.018	-10.018	0	%100
26	M50	Y	-10.018	-10.018	0	%100
27	M52	Y	-10.03	-10.03	0	%100
28	M54	Y	-10.018	-10.018	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,%]
29	M55	Y	-10.018	-10.018	0	%100
30	M57	Y	-10.03	-10.03	0	%100
31	M59	Y	-9.521	-9.521	0	%100
32	M60	Y	-9.521	-9.521	0	%100
33	M61	Y	-9.521	-9.521	0	%100
34	M62	Y	-10.03	-10.03	0	%100
35	M65	Y	-5.562	-5.562	0	%100
36	M66	Y	-5.562	-5.562	0	%100
37	M71	Y	-10.018	-10.018	0	%100
38	M72	Y	-10.018	-10.018	0	%100
39	M74B	Y	-10.03	-10.03	0	%100
40	M76B	Y	-10.018	-10.018	0	%100
41	M77B	Y	-10.018	-10.018	0	%100
42	M79B	Y	-10.03	-10.03	0	%100
43	M115	Y	-6.552	-6.552	0	%100
44	M116	Y	-6.552	-6.552	0	%100
45	M117	Y	-6.552	-6.552	0	%100
46	M90	Y	-6.502	-6.502	0	%100
47	M91A	Y	-4.928	-4.928	0	%100
48	M92A	Y	-6.502	-6.502	0	%100
49	M93	Y	-4.928	-4.928	0	%100
50	MP4C	Y	-4.928	-4.928	0	%100
51	MP3C	Y	-4.928	-4.928	0	%100
52	MP2C	Y	-5.627	-5.627	0	%100
53	MP1C	Y	-4.928	-4.928	0	%100
54	MP4B	Y	-4.928	-4.928	0	%100
55	MP3B	Y	-4.928	-4.928	0	%100
56	MP2B	Y	-5.627	-5.627	0	%100
57	MP1B	Y	-4.928	-4.928	0	%100
58	OVP	Y	-4.928	-4.928	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	M20	X	0	0	0	%100
2	M20	Z	-12.089	-12.089	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-11.316	-11.316	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-11.316	-11.316	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	-20.724	-20.724	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-2.82	-2.82	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-2.821	-2.821	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-5.277	-5.277	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-5.469	-5.469	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	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,%]
24	M90A	Z	-5.277	-5.277	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-5.469	-5.469	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	-8.203	-8.203	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	-8.203	-8.203	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-8.203	-8.203	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	-9.93	-9.93	0	%100
35	MP1A	X	0	0	0	%100
36	MP1A	Z	-8.203	-8.203	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	-9.094	-9.094	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-2.829	-2.829	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-2.829	-2.829	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-5.181	-5.181	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	-2.82	-2.82	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-11.283	-11.283	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-15.639	-15.639	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-21.108	-21.108	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	-21.875	-21.875	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	-15.639	-15.639	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-5.277	-5.277	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-5.469	-5.469	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	-9.094	-9.094	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-2.829	-2.829	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-2.829	-2.829	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-5.181	-5.181	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-11.282	-11.282	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-2.821	-2.821	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-15.639	-15.639	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-5.277	-5.277	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	-5.469	-5.469	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	-15.639	-15.639	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,%]
81	M77B	X	0	0	0	%100
82	M77B	Z	-21.108	-21.108	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	-21.875	-21.875	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	-2.358	-2.358	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	-2.358	-2.358	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	-9.431	-9.431	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-3.022	-3.022	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-2.051	-2.051	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-3.022	-3.022	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	-2.051	-2.051	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-8.203	-8.203	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-8.203	-8.203	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	-9.93	-9.93	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	-8.203	-8.203	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-8.203	-8.203	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	-8.203	-8.203	0	%100
111	MP2B	X	0	0	0	%100
112	MP2B	Z	-9.93	-9.93	0	%100
113	MP1B	X	0	0	0	%100
114	MP1B	Z	-8.203	-8.203	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	-6.708	-6.708	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	M20	X	4.533	4.533	0	%100
2	M20	Z	-7.852	-7.852	0	%100
3	M72A	X	1.516	1.516	0	%100
4	M72A	Z	-2.625	-2.625	0	%100
5	M73	X	4.243	4.243	0	%100
6	M73	Z	-7.35	-7.35	0	%100
7	M74	X	4.243	4.243	0	%100
8	M74	Z	-7.35	-7.35	0	%100
9	M75	X	7.772	7.772	0	%100
10	M75	Z	-13.461	-13.461	0	%100
11	M78	X	4.231	4.231	0	%100
12	M78	Z	-7.328	-7.328	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	2.607	2.607	0	%100
16	M84	Z	-4.515	-4.515	0	%100
17	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	2.607	2.607	0	%100
22	M89A	Z	-4.515	-4.515	0	%100
23	M90A	X	7.915	7.915	0	%100
24	M90A	Z	-13.71	-13.71	0	%100
25	M92	X	8.203	8.203	0	%100
26	M92	Z	-14.209	-14.209	0	%100
27	M70A	X	3.076	3.076	0	%100
28	M70A	Z	-5.328	-5.328	0	%100
29	MP4A	X	4.102	4.102	0	%100
30	MP4A	Z	-7.104	-7.104	0	%100
31	MP3A	X	4.102	4.102	0	%100
32	MP3A	Z	-7.104	-7.104	0	%100
33	MP2A	X	4.965	4.965	0	%100
34	MP2A	Z	-8.6	-8.6	0	%100
35	MP1A	X	4.102	4.102	0	%100
36	MP1A	Z	-7.104	-7.104	0	%100
37	M37	X	1.516	1.516	0	%100
38	M37	Z	-2.625	-2.625	0	%100
39	M38	X	4.243	4.243	0	%100
40	M38	Z	-7.35	-7.35	0	%100
41	M39	X	4.243	4.243	0	%100
42	M39	Z	-7.35	-7.35	0	%100
43	M40	X	7.772	7.772	0	%100
44	M40	Z	-13.461	-13.461	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	4.231	4.231	0	%100
48	M44	Z	-7.329	-7.329	0	%100
49	M49	X	2.607	2.607	0	%100
50	M49	Z	-4.515	-4.515	0	%100
51	M50	X	7.915	7.915	0	%100
52	M50	Z	-13.71	-13.71	0	%100
53	M52	X	8.203	8.203	0	%100
54	M52	Z	-14.209	-14.209	0	%100
55	M54	X	2.607	2.607	0	%100
56	M54	Z	-4.515	-4.515	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	6.063	6.063	0	%100
62	M59	Z	-10.501	-10.501	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	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	4.231	4.231	0	%100
70	M65	Z	-7.328	-7.328	0	%100
71	M66	X	4.231	4.231	0	%100
72	M66	Z	-7.329	-7.329	0	%100
73	M71	X	10.426	10.426	0	%100
74	M71	Z	-18.058	-18.058	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,%]
75	M72	X	7.915	7.915	0	%100
76	M72	Z	-13.71	-13.71	0	%100
77	M74B	X	8.203	8.203	0	%100
78	M74B	Z	-14.209	-14.209	0	%100
79	M76B	X	10.426	10.426	0	%100
80	M76B	Z	-18.058	-18.058	0	%100
81	M77B	X	7.915	7.915	0	%100
82	M77B	Z	-13.71	-13.71	0	%100
83	M79B	X	8.203	8.203	0	%100
84	M79B	Z	-14.209	-14.209	0	%100
85	M115	X	3.537	3.537	0	%100
86	M115	Z	-6.126	-6.126	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	3.537	3.537	0	%100
90	M117	Z	-6.126	-6.126	0	%100
91	M90	X	4.533	4.533	0	%100
92	M90	Z	-7.852	-7.852	0	%100
93	M91A	X	3.076	3.076	0	%100
94	M91A	Z	-5.328	-5.328	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	4.102	4.102	0	%100
100	MP4C	Z	-7.104	-7.104	0	%100
101	MP3C	X	4.102	4.102	0	%100
102	MP3C	Z	-7.104	-7.104	0	%100
103	MP2C	X	4.965	4.965	0	%100
104	MP2C	Z	-8.6	-8.6	0	%100
105	MP1C	X	4.102	4.102	0	%100
106	MP1C	Z	-7.104	-7.104	0	%100
107	MP4B	X	4.102	4.102	0	%100
108	MP4B	Z	-7.104	-7.104	0	%100
109	MP3B	X	4.102	4.102	0	%100
110	MP3B	Z	-7.104	-7.104	0	%100
111	MP2B	X	4.965	4.965	0	%100
112	MP2B	Z	-8.6	-8.6	0	%100
113	MP1B	X	4.102	4.102	0	%100
114	MP1B	Z	-7.104	-7.104	0	%100
115	OVP	X	3.354	3.354	0	%100
116	OVP	Z	-5.809	-5.809	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	M20	X	2.617	2.617	0	%100
2	M20	Z	-1.511	-1.511	0	%100
3	M72A	X	7.875	7.875	0	%100
4	M72A	Z	-4.547	-4.547	0	%100
5	M73	X	2.45	2.45	0	%100
6	M73	Z	-1.414	-1.414	0	%100
7	M74	X	2.45	2.45	0	%100
8	M74	Z	-1.414	-1.414	0	%100
9	M75	X	4.487	4.487	0	%100
10	M75	Z	-2.591	-2.591	0	%100
11	M78	X	9.77	9.77	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,%]
12	M78	Z	-5.641	-5.641	0	%100
13	M79	X	2.443	2.443	0	%100
14	M79	Z	-1.41	-1.41	0	%100
15	M84	X	13.544	13.544	0	%100
16	M84	Z	-7.82	-7.82	0	%100
17	M85	X	4.57	4.57	0	%100
18	M85	Z	-2.638	-2.638	0	%100
19	M87A	X	4.736	4.736	0	%100
20	M87A	Z	-2.734	-2.734	0	%100
21	M89A	X	13.544	13.544	0	%100
22	M89A	Z	-7.82	-7.82	0	%100
23	M90A	X	18.28	18.28	0	%100
24	M90A	Z	-10.554	-10.554	0	%100
25	M92	X	18.945	18.945	0	%100
26	M92	Z	-10.938	-10.938	0	%100
27	M70A	X	1.776	1.776	0	%100
28	M70A	Z	-1.025	-1.025	0	%100
29	MP4A	X	7.104	7.104	0	%100
30	MP4A	Z	-4.102	-4.102	0	%100
31	MP3A	X	7.104	7.104	0	%100
32	MP3A	Z	-4.102	-4.102	0	%100
33	MP2A	X	8.6	8.6	0	%100
34	MP2A	Z	-4.965	-4.965	0	%100
35	MP1A	X	7.104	7.104	0	%100
36	MP1A	Z	-4.102	-4.102	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	9.8	9.8	0	%100
40	M38	Z	-5.658	-5.658	0	%100
41	M39	X	9.8	9.8	0	%100
42	M39	Z	-5.658	-5.658	0	%100
43	M40	X	17.948	17.948	0	%100
44	M40	Z	-10.362	-10.362	0	%100
45	M43	X	2.443	2.443	0	%100
46	M43	Z	-1.41	-1.41	0	%100
47	M44	X	2.443	2.443	0	%100
48	M44	Z	-1.41	-1.41	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	4.57	4.57	0	%100
52	M50	Z	-2.638	-2.638	0	%100
53	M52	X	4.736	4.736	0	%100
54	M52	Z	-2.734	-2.734	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	4.57	4.57	0	%100
58	M55	Z	-2.638	-2.638	0	%100
59	M57	X	4.736	4.736	0	%100
60	M57	Z	-2.734	-2.734	0	%100
61	M59	X	7.875	7.875	0	%100
62	M59	Z	-4.547	-4.547	0	%100
63	M60	X	2.45	2.45	0	%100
64	M60	Z	-1.414	-1.414	0	%100
65	M61	X	2.45	2.45	0	%100
66	M61	Z	-1.414	-1.414	0	%100
67	M62	X	4.487	4.487	0	%100
68	M62	Z	-2.591	-2.591	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,%]
69	M65	X	2.443	2.443	0	%100
70	M65	Z	-1.41	-1.41	0	%100
71	M66	X	9.772	9.772	0	%100
72	M66	Z	-5.642	-5.642	0	%100
73	M71	X	13.544	13.544	0	%100
74	M71	Z	-7.82	-7.82	0	%100
75	M72	X	18.28	18.28	0	%100
76	M72	Z	-10.554	-10.554	0	%100
77	M74B	X	18.945	18.945	0	%100
78	M74B	Z	-10.938	-10.938	0	%100
79	M76B	X	13.544	13.544	0	%100
80	M76B	Z	-7.82	-7.82	0	%100
81	M77B	X	4.57	4.57	0	%100
82	M77B	Z	-2.638	-2.638	0	%100
83	M79B	X	4.736	4.736	0	%100
84	M79B	Z	-2.734	-2.734	0	%100
85	M115	X	8.168	8.168	0	%100
86	M115	Z	-4.716	-4.716	0	%100
87	M116	X	2.042	2.042	0	%100
88	M116	Z	-1.179	-1.179	0	%100
89	M117	X	2.042	2.042	0	%100
90	M117	Z	-1.179	-1.179	0	%100
91	M90	X	10.469	10.469	0	%100
92	M90	Z	-6.045	-6.045	0	%100
93	M91A	X	7.104	7.104	0	%100
94	M91A	Z	-4.102	-4.102	0	%100
95	M92A	X	2.617	2.617	0	%100
96	M92A	Z	-1.511	-1.511	0	%100
97	M93	X	1.776	1.776	0	%100
98	M93	Z	-1.025	-1.025	0	%100
99	MP4C	X	7.104	7.104	0	%100
100	MP4C	Z	-4.102	-4.102	0	%100
101	MP3C	X	7.104	7.104	0	%100
102	MP3C	Z	-4.102	-4.102	0	%100
103	MP2C	X	8.6	8.6	0	%100
104	MP2C	Z	-4.965	-4.965	0	%100
105	MP1C	X	7.104	7.104	0	%100
106	MP1C	Z	-4.102	-4.102	0	%100
107	MP4B	X	7.104	7.104	0	%100
108	MP4B	Z	-4.102	-4.102	0	%100
109	MP3B	X	7.104	7.104	0	%100
110	MP3B	Z	-4.102	-4.102	0	%100
111	MP2B	X	8.6	8.6	0	%100
112	MP2B	Z	-4.965	-4.965	0	%100
113	MP1B	X	7.104	7.104	0	%100
114	MP1B	Z	-4.102	-4.102	0	%100
115	OVP	X	5.809	5.809	0	%100
116	OVP	Z	-3.354	-3.354	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	12.125	12.125	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	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,%]
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	8.461	8.461	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	8.462	8.462	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	20.852	20.852	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	15.831	15.831	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	16.407	16.407	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	20.852	20.852	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	15.831	15.831	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	16.407	16.407	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	0	0	0	%100
29	MP4A	X	8.203	8.203	0	%100
30	MP4A	Z	0	0	0	%100
31	MP3A	X	8.203	8.203	0	%100
32	MP3A	Z	0	0	0	%100
33	MP2A	X	9.93	9.93	0	%100
34	MP2A	Z	0	0	0	%100
35	MP1A	X	8.203	8.203	0	%100
36	MP1A	Z	0	0	0	%100
37	M37	X	3.031	3.031	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	8.487	8.487	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	8.487	8.487	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	15.543	15.543	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	8.461	8.461	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	5.213	5.213	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	5.213	5.213	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	15.831	15.831	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	16.407	16.407	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	3.031	3.031	0	%100
62	M59	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,%]
63	M60	X	8.487	8.487	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	8.487	8.487	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	15.543	15.543	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	8.462	8.462	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	5.213	5.213	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	15.831	15.831	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	16.407	16.407	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	5.213	5.213	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	0	0	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	0	0	0	%100
85	M115	X	7.073	7.073	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	7.073	7.073	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	0	0	0	%100
91	M90	X	9.067	9.067	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	6.152	6.152	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	9.067	9.067	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	6.152	6.152	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	8.203	8.203	0	%100
100	MP4C	Z	0	0	0	%100
101	MP3C	X	8.203	8.203	0	%100
102	MP3C	Z	0	0	0	%100
103	MP2C	X	9.93	9.93	0	%100
104	MP2C	Z	0	0	0	%100
105	MP1C	X	8.203	8.203	0	%100
106	MP1C	Z	0	0	0	%100
107	MP4B	X	8.203	8.203	0	%100
108	MP4B	Z	0	0	0	%100
109	MP3B	X	8.203	8.203	0	%100
110	MP3B	Z	0	0	0	%100
111	MP2B	X	9.93	9.93	0	%100
112	MP2B	Z	0	0	0	%100
113	MP1B	X	8.203	8.203	0	%100
114	MP1B	Z	0	0	0	%100
115	OVP	X	6.708	6.708	0	%100
116	OVP	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,%]

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,%]
1	M20	X	2.617	2.617	0	%100
2	M20	Z	1.511	1.511	0	%100
3	M72A	X	7.875	7.875	0	%100
4	M72A	Z	4.547	4.547	0	%100
5	M73	X	2.45	2.45	0	%100
6	M73	Z	1.414	1.414	0	%100
7	M74	X	2.45	2.45	0	%100
8	M74	Z	1.414	1.414	0	%100
9	M75	X	4.487	4.487	0	%100
10	M75	Z	2.591	2.591	0	%100
11	M78	X	2.443	2.443	0	%100
12	M78	Z	1.41	1.41	0	%100
13	M79	X	9.772	9.772	0	%100
14	M79	Z	5.642	5.642	0	%100
15	M84	X	13.544	13.544	0	%100
16	M84	Z	7.82	7.82	0	%100
17	M85	X	18.28	18.28	0	%100
18	M85	Z	10.554	10.554	0	%100
19	M87A	X	18.945	18.945	0	%100
20	M87A	Z	10.938	10.938	0	%100
21	M89A	X	13.544	13.544	0	%100
22	M89A	Z	7.82	7.82	0	%100
23	M90A	X	4.57	4.57	0	%100
24	M90A	Z	2.638	2.638	0	%100
25	M92	X	4.736	4.736	0	%100
26	M92	Z	2.734	2.734	0	%100
27	M70A	X	1.776	1.776	0	%100
28	M70A	Z	1.025	1.025	0	%100
29	MP4A	X	7.104	7.104	0	%100
30	MP4A	Z	4.102	4.102	0	%100
31	MP3A	X	7.104	7.104	0	%100
32	MP3A	Z	4.102	4.102	0	%100
33	MP2A	X	8.6	8.6	0	%100
34	MP2A	Z	4.965	4.965	0	%100
35	MP1A	X	7.104	7.104	0	%100
36	MP1A	Z	4.102	4.102	0	%100
37	M37	X	7.875	7.875	0	%100
38	M37	Z	4.547	4.547	0	%100
39	M38	X	2.45	2.45	0	%100
40	M38	Z	1.414	1.414	0	%100
41	M39	X	2.45	2.45	0	%100
42	M39	Z	1.414	1.414	0	%100
43	M40	X	4.487	4.487	0	%100
44	M40	Z	2.591	2.591	0	%100
45	M43	X	9.77	9.77	0	%100
46	M43	Z	5.641	5.641	0	%100
47	M44	X	2.443	2.443	0	%100
48	M44	Z	1.41	1.41	0	%100
49	M49	X	13.544	13.544	0	%100
50	M49	Z	7.82	7.82	0	%100
51	M50	X	4.57	4.57	0	%100
52	M50	Z	2.638	2.638	0	%100
53	M52	X	4.736	4.736	0	%100
54	M52	Z	2.734	2.734	0	%100
55	M54	X	13.544	13.544	0	%100
56	M54	Z	7.82	7.82	0	%100
57	M55	X	18.28	18.28	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,%]
58	M55	Z	10.554	10.554	0	%100
59	M57	X	18.945	18.945	0	%100
60	M57	Z	10.938	10.938	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	9.8	9.8	0	%100
64	M60	Z	5.658	5.658	0	%100
65	M61	X	9.8	9.8	0	%100
66	M61	Z	5.658	5.658	0	%100
67	M62	X	17.948	17.948	0	%100
68	M62	Z	10.362	10.362	0	%100
69	M65	X	2.443	2.443	0	%100
70	M65	Z	1.41	1.41	0	%100
71	M66	X	2.443	2.443	0	%100
72	M66	Z	1.41	1.41	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	4.57	4.57	0	%100
76	M72	Z	2.638	2.638	0	%100
77	M74B	X	4.736	4.736	0	%100
78	M74B	Z	2.734	2.734	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	4.57	4.57	0	%100
82	M77B	Z	2.638	2.638	0	%100
83	M79B	X	4.736	4.736	0	%100
84	M79B	Z	2.734	2.734	0	%100
85	M115	X	2.042	2.042	0	%100
86	M115	Z	1.179	1.179	0	%100
87	M116	X	8.168	8.168	0	%100
88	M116	Z	4.716	4.716	0	%100
89	M117	X	2.042	2.042	0	%100
90	M117	Z	1.179	1.179	0	%100
91	M90	X	2.617	2.617	0	%100
92	M90	Z	1.511	1.511	0	%100
93	M91A	X	1.776	1.776	0	%100
94	M91A	Z	1.025	1.025	0	%100
95	M92A	X	10.469	10.469	0	%100
96	M92A	Z	6.045	6.045	0	%100
97	M93	X	7.104	7.104	0	%100
98	M93	Z	4.102	4.102	0	%100
99	MP4C	X	7.104	7.104	0	%100
100	MP4C	Z	4.102	4.102	0	%100
101	MP3C	X	7.104	7.104	0	%100
102	MP3C	Z	4.102	4.102	0	%100
103	MP2C	X	8.6	8.6	0	%100
104	MP2C	Z	4.965	4.965	0	%100
105	MP1C	X	7.104	7.104	0	%100
106	MP1C	Z	4.102	4.102	0	%100
107	MP4B	X	7.104	7.104	0	%100
108	MP4B	Z	4.102	4.102	0	%100
109	MP3B	X	7.104	7.104	0	%100
110	MP3B	Z	4.102	4.102	0	%100
111	MP2B	X	8.6	8.6	0	%100
112	MP2B	Z	4.965	4.965	0	%100
113	MP1B	X	7.104	7.104	0	%100
114	MP1B	Z	4.102	4.102	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,%]
115	OVP	X	5.809	5.809	0	%100
116	OVP	Z	3.354	3.354	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	M20	X	4.533	4.533	0	%100
2	M20	Z	7.852	7.852	0	%100
3	M72A	X	1.516	1.516	0	%100
4	M72A	Z	2.625	2.625	0	%100
5	M73	X	4.243	4.243	0	%100
6	M73	Z	7.35	7.35	0	%100
7	M74	X	4.243	4.243	0	%100
8	M74	Z	7.35	7.35	0	%100
9	M75	X	7.772	7.772	0	%100
10	M75	Z	13.461	13.461	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	4.231	4.231	0	%100
14	M79	Z	7.329	7.329	0	%100
15	M84	X	2.607	2.607	0	%100
16	M84	Z	4.515	4.515	0	%100
17	M85	X	7.915	7.915	0	%100
18	M85	Z	13.71	13.71	0	%100
19	M87A	X	8.203	8.203	0	%100
20	M87A	Z	14.209	14.209	0	%100
21	M89A	X	2.607	2.607	0	%100
22	M89A	Z	4.515	4.515	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	3.076	3.076	0	%100
28	M70A	Z	5.328	5.328	0	%100
29	MP4A	X	4.102	4.102	0	%100
30	MP4A	Z	7.104	7.104	0	%100
31	MP3A	X	4.102	4.102	0	%100
32	MP3A	Z	7.104	7.104	0	%100
33	MP2A	X	4.965	4.965	0	%100
34	MP2A	Z	8.6	8.6	0	%100
35	MP1A	X	4.102	4.102	0	%100
36	MP1A	Z	7.104	7.104	0	%100
37	M37	X	6.063	6.063	0	%100
38	M37	Z	10.501	10.501	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	4.231	4.231	0	%100
46	M43	Z	7.328	7.328	0	%100
47	M44	X	4.231	4.231	0	%100
48	M44	Z	7.329	7.329	0	%100
49	M49	X	10.426	10.426	0	%100
50	M49	Z	18.058	18.058	0	%100
51	M50	X	7.915	7.915	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,%]
52	M50	Z	13.71	13.71	0	%100
53	M52	X	8.203	8.203	0	%100
54	M52	Z	14.209	14.209	0	%100
55	M54	X	10.426	10.426	0	%100
56	M54	Z	18.058	18.058	0	%100
57	M55	X	7.915	7.915	0	%100
58	M55	Z	13.71	13.71	0	%100
59	M57	X	8.203	8.203	0	%100
60	M57	Z	14.209	14.209	0	%100
61	M59	X	1.516	1.516	0	%100
62	M59	Z	2.625	2.625	0	%100
63	M60	X	4.243	4.243	0	%100
64	M60	Z	7.35	7.35	0	%100
65	M61	X	4.243	4.243	0	%100
66	M61	Z	7.35	7.35	0	%100
67	M62	X	7.772	7.772	0	%100
68	M62	Z	13.461	13.461	0	%100
69	M65	X	4.231	4.231	0	%100
70	M65	Z	7.328	7.328	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	2.607	2.607	0	%100
74	M71	Z	4.515	4.515	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	2.607	2.607	0	%100
80	M76B	Z	4.515	4.515	0	%100
81	M77B	X	7.915	7.915	0	%100
82	M77B	Z	13.71	13.71	0	%100
83	M79B	X	8.203	8.203	0	%100
84	M79B	Z	14.209	14.209	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	3.537	3.537	0	%100
88	M116	Z	6.126	6.126	0	%100
89	M117	X	3.537	3.537	0	%100
90	M117	Z	6.126	6.126	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	4.533	4.533	0	%100
96	M92A	Z	7.852	7.852	0	%100
97	M93	X	3.076	3.076	0	%100
98	M93	Z	5.328	5.328	0	%100
99	MP4C	X	4.102	4.102	0	%100
100	MP4C	Z	7.104	7.104	0	%100
101	MP3C	X	4.102	4.102	0	%100
102	MP3C	Z	7.104	7.104	0	%100
103	MP2C	X	4.965	4.965	0	%100
104	MP2C	Z	8.6	8.6	0	%100
105	MP1C	X	4.102	4.102	0	%100
106	MP1C	Z	7.104	7.104	0	%100
107	MP4B	X	4.102	4.102	0	%100
108	MP4B	Z	7.104	7.104	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,%]
109	MP3B	X	4.102	4.102	0	%100
110	MP3B	Z	7.104	7.104	0	%100
111	MP2B	X	4.965	4.965	0	%100
112	MP2B	Z	8.6	8.6	0	%100
113	MP1B	X	4.102	4.102	0	%100
114	MP1B	Z	7.104	7.104	0	%100
115	OVP	X	3.354	3.354	0	%100
116	OVP	Z	5.809	5.809	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	M20	X	0	0	0	%100
2	M20	Z	12.089	12.089	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	11.316	11.316	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	11.316	11.316	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	20.724	20.724	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	2.82	2.82	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	2.821	2.821	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	5.277	5.277	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	5.469	5.469	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	5.277	5.277	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	5.469	5.469	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	8.203	8.203	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	8.203	8.203	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	8.203	8.203	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	9.93	9.93	0	%100
35	MP1A	X	0	0	0	%100
36	MP1A	Z	8.203	8.203	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	9.094	9.094	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	2.829	2.829	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	2.829	2.829	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	5.181	5.181	0	%100
45	M43	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,%]
46	M43	Z	2.82	2.82	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	11.283	11.283	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	15.639	15.639	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	21.108	21.108	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	21.875	21.875	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	15.639	15.639	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	5.277	5.277	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	5.469	5.469	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	9.094	9.094	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	2.829	2.829	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	2.829	2.829	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	5.181	5.181	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	11.282	11.282	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	2.821	2.821	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	15.639	15.639	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	5.277	5.277	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	5.469	5.469	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	15.639	15.639	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	21.108	21.108	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	21.875	21.875	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	2.358	2.358	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	2.358	2.358	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	9.431	9.431	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	3.022	3.022	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	2.051	2.051	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	3.022	3.022	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	2.051	2.051	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	8.203	8.203	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	8.203	8.203	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,%]
103	MP2C	X	0	0	0	%100
104	MP2C	Z	9.93	9.93	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	8.203	8.203	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	8.203	8.203	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	8.203	8.203	0	%100
111	MP2B	X	0	0	0	%100
112	MP2B	Z	9.93	9.93	0	%100
113	MP1B	X	0	0	0	%100
114	MP1B	Z	8.203	8.203	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	6.708	6.708	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	M20	X	-4.533	-4.533	0	%100
2	M20	Z	7.852	7.852	0	%100
3	M72A	X	-1.516	-1.516	0	%100
4	M72A	Z	2.625	2.625	0	%100
5	M73	X	-4.243	-4.243	0	%100
6	M73	Z	7.35	7.35	0	%100
7	M74	X	-4.243	-4.243	0	%100
8	M74	Z	7.35	7.35	0	%100
9	M75	X	-7.772	-7.772	0	%100
10	M75	Z	13.461	13.461	0	%100
11	M78	X	-4.231	-4.231	0	%100
12	M78	Z	7.328	7.328	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-2.607	-2.607	0	%100
16	M84	Z	4.515	4.515	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-2.607	-2.607	0	%100
22	M89A	Z	4.515	4.515	0	%100
23	M90A	X	-7.915	-7.915	0	%100
24	M90A	Z	13.71	13.71	0	%100
25	M92	X	-8.203	-8.203	0	%100
26	M92	Z	14.209	14.209	0	%100
27	M70A	X	-3.076	-3.076	0	%100
28	M70A	Z	5.328	5.328	0	%100
29	MP4A	X	-4.102	-4.102	0	%100
30	MP4A	Z	7.104	7.104	0	%100
31	MP3A	X	-4.102	-4.102	0	%100
32	MP3A	Z	7.104	7.104	0	%100
33	MP2A	X	-4.965	-4.965	0	%100
34	MP2A	Z	8.6	8.6	0	%100
35	MP1A	X	-4.102	-4.102	0	%100
36	MP1A	Z	7.104	7.104	0	%100
37	M37	X	-1.516	-1.516	0	%100
38	M37	Z	2.625	2.625	0	%100
39	M38	X	-4.243	-4.243	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,%]
40	M38	Z	7.35	7.35	0	%100
41	M39	X	-4.243	-4.243	0	%100
42	M39	Z	7.35	7.35	0	%100
43	M40	X	-7.772	-7.772	0	%100
44	M40	Z	13.461	13.461	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	-4.231	-4.231	0	%100
48	M44	Z	7.329	7.329	0	%100
49	M49	X	-2.607	-2.607	0	%100
50	M49	Z	4.515	4.515	0	%100
51	M50	X	-7.915	-7.915	0	%100
52	M50	Z	13.71	13.71	0	%100
53	M52	X	-8.203	-8.203	0	%100
54	M52	Z	14.209	14.209	0	%100
55	M54	X	-2.607	-2.607	0	%100
56	M54	Z	4.515	4.515	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-6.063	-6.063	0	%100
62	M59	Z	10.501	10.501	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	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	-4.231	-4.231	0	%100
70	M65	Z	7.328	7.328	0	%100
71	M66	X	-4.231	-4.231	0	%100
72	M66	Z	7.329	7.329	0	%100
73	M71	X	-10.426	-10.426	0	%100
74	M71	Z	18.058	18.058	0	%100
75	M72	X	-7.915	-7.915	0	%100
76	M72	Z	13.71	13.71	0	%100
77	M74B	X	-8.203	-8.203	0	%100
78	M74B	Z	14.209	14.209	0	%100
79	M76B	X	-10.426	-10.426	0	%100
80	M76B	Z	18.058	18.058	0	%100
81	M77B	X	-7.915	-7.915	0	%100
82	M77B	Z	13.71	13.71	0	%100
83	M79B	X	-8.203	-8.203	0	%100
84	M79B	Z	14.209	14.209	0	%100
85	M115	X	-3.537	-3.537	0	%100
86	M115	Z	6.126	6.126	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	-3.537	-3.537	0	%100
90	M117	Z	6.126	6.126	0	%100
91	M90	X	-4.533	-4.533	0	%100
92	M90	Z	7.852	7.852	0	%100
93	M91A	X	-3.076	-3.076	0	%100
94	M91A	Z	5.328	5.328	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	0	0	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,%]
97	M93	X	0	0	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	-4.102	-4.102	0	%100
100	MP4C	Z	7.104	7.104	0	%100
101	MP3C	X	-4.102	-4.102	0	%100
102	MP3C	Z	7.104	7.104	0	%100
103	MP2C	X	-4.965	-4.965	0	%100
104	MP2C	Z	8.6	8.6	0	%100
105	MP1C	X	-4.102	-4.102	0	%100
106	MP1C	Z	7.104	7.104	0	%100
107	MP4B	X	-4.102	-4.102	0	%100
108	MP4B	Z	7.104	7.104	0	%100
109	MP3B	X	-4.102	-4.102	0	%100
110	MP3B	Z	7.104	7.104	0	%100
111	MP2B	X	-4.965	-4.965	0	%100
112	MP2B	Z	8.6	8.6	0	%100
113	MP1B	X	-4.102	-4.102	0	%100
114	MP1B	Z	7.104	7.104	0	%100
115	OVP	X	-3.354	-3.354	0	%100
116	OVP	Z	5.809	5.809	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	M20	X	-2.617	-2.617	0	%100
2	M20	Z	1.511	1.511	0	%100
3	M72A	X	-7.875	-7.875	0	%100
4	M72A	Z	4.547	4.547	0	%100
5	M73	X	-2.45	-2.45	0	%100
6	M73	Z	1.414	1.414	0	%100
7	M74	X	-2.45	-2.45	0	%100
8	M74	Z	1.414	1.414	0	%100
9	M75	X	-4.487	-4.487	0	%100
10	M75	Z	2.591	2.591	0	%100
11	M78	X	-9.77	-9.77	0	%100
12	M78	Z	5.641	5.641	0	%100
13	M79	X	-2.443	-2.443	0	%100
14	M79	Z	1.41	1.41	0	%100
15	M84	X	-13.544	-13.544	0	%100
16	M84	Z	7.82	7.82	0	%100
17	M85	X	-4.57	-4.57	0	%100
18	M85	Z	2.638	2.638	0	%100
19	M87A	X	-4.736	-4.736	0	%100
20	M87A	Z	2.734	2.734	0	%100
21	M89A	X	-13.544	-13.544	0	%100
22	M89A	Z	7.82	7.82	0	%100
23	M90A	X	-18.28	-18.28	0	%100
24	M90A	Z	10.554	10.554	0	%100
25	M92	X	-18.945	-18.945	0	%100
26	M92	Z	10.938	10.938	0	%100
27	M70A	X	-1.776	-1.776	0	%100
28	M70A	Z	1.025	1.025	0	%100
29	MP4A	X	-7.104	-7.104	0	%100
30	MP4A	Z	4.102	4.102	0	%100
31	MP3A	X	-7.104	-7.104	0	%100
32	MP3A	Z	4.102	4.102	0	%100
33	MP2A	X	-8.6	-8.6	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,%]
34	MP2A	Z	4.965	4.965	0	%100
35	MP1A	X	-7.104	-7.104	0	%100
36	MP1A	Z	4.102	4.102	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-9.8	-9.8	0	%100
40	M38	Z	5.658	5.658	0	%100
41	M39	X	-9.8	-9.8	0	%100
42	M39	Z	5.658	5.658	0	%100
43	M40	X	-17.948	-17.948	0	%100
44	M40	Z	10.362	10.362	0	%100
45	M43	X	-2.443	-2.443	0	%100
46	M43	Z	1.41	1.41	0	%100
47	M44	X	-2.443	-2.443	0	%100
48	M44	Z	1.41	1.41	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-4.57	-4.57	0	%100
52	M50	Z	2.638	2.638	0	%100
53	M52	X	-4.736	-4.736	0	%100
54	M52	Z	2.734	2.734	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-4.57	-4.57	0	%100
58	M55	Z	2.638	2.638	0	%100
59	M57	X	-4.736	-4.736	0	%100
60	M57	Z	2.734	2.734	0	%100
61	M59	X	-7.875	-7.875	0	%100
62	M59	Z	4.547	4.547	0	%100
63	M60	X	-2.45	-2.45	0	%100
64	M60	Z	1.414	1.414	0	%100
65	M61	X	-2.45	-2.45	0	%100
66	M61	Z	1.414	1.414	0	%100
67	M62	X	-4.487	-4.487	0	%100
68	M62	Z	2.591	2.591	0	%100
69	M65	X	-2.443	-2.443	0	%100
70	M65	Z	1.41	1.41	0	%100
71	M66	X	-9.772	-9.772	0	%100
72	M66	Z	5.642	5.642	0	%100
73	M71	X	-13.544	-13.544	0	%100
74	M71	Z	7.82	7.82	0	%100
75	M72	X	-18.28	-18.28	0	%100
76	M72	Z	10.554	10.554	0	%100
77	M74B	X	-18.945	-18.945	0	%100
78	M74B	Z	10.938	10.938	0	%100
79	M76B	X	-13.544	-13.544	0	%100
80	M76B	Z	7.82	7.82	0	%100
81	M77B	X	-4.57	-4.57	0	%100
82	M77B	Z	2.638	2.638	0	%100
83	M79B	X	-4.736	-4.736	0	%100
84	M79B	Z	2.734	2.734	0	%100
85	M115	X	-8.168	-8.168	0	%100
86	M115	Z	4.716	4.716	0	%100
87	M116	X	-2.042	-2.042	0	%100
88	M116	Z	1.179	1.179	0	%100
89	M117	X	-2.042	-2.042	0	%100
90	M117	Z	1.179	1.179	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,%]
91	M90	X	-10.469	-10.469	0	%100
92	M90	Z	6.045	6.045	0	%100
93	M91A	X	-7.104	-7.104	0	%100
94	M91A	Z	4.102	4.102	0	%100
95	M92A	X	-2.617	-2.617	0	%100
96	M92A	Z	1.511	1.511	0	%100
97	M93	X	-1.776	-1.776	0	%100
98	M93	Z	1.025	1.025	0	%100
99	MP4C	X	-7.104	-7.104	0	%100
100	MP4C	Z	4.102	4.102	0	%100
101	MP3C	X	-7.104	-7.104	0	%100
102	MP3C	Z	4.102	4.102	0	%100
103	MP2C	X	-8.6	-8.6	0	%100
104	MP2C	Z	4.965	4.965	0	%100
105	MP1C	X	-7.104	-7.104	0	%100
106	MP1C	Z	4.102	4.102	0	%100
107	MP4B	X	-7.104	-7.104	0	%100
108	MP4B	Z	4.102	4.102	0	%100
109	MP3B	X	-7.104	-7.104	0	%100
110	MP3B	Z	4.102	4.102	0	%100
111	MP2B	X	-8.6	-8.6	0	%100
112	MP2B	Z	4.965	4.965	0	%100
113	MP1B	X	-7.104	-7.104	0	%100
114	MP1B	Z	4.102	4.102	0	%100
115	OVP	X	-5.809	-5.809	0	%100
116	OVP	Z	3.354	3.354	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-12.125	-12.125	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-8.461	-8.461	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-8.462	-8.462	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-20.852	-20.852	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-15.831	-15.831	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-16.407	-16.407	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-20.852	-20.852	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-15.831	-15.831	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-16.407	-16.407	0	%100
26	M92	Z	0	0	0	%100
27	M70A	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,%]
28	M70A	Z	0	0	0	%100
29	MP4A	X	-8.203	-8.203	0	%100
30	MP4A	Z	0	0	0	%100
31	MP3A	X	-8.203	-8.203	0	%100
32	MP3A	Z	0	0	0	%100
33	MP2A	X	-9.93	-9.93	0	%100
34	MP2A	Z	0	0	0	%100
35	MP1A	X	-8.203	-8.203	0	%100
36	MP1A	Z	0	0	0	%100
37	M37	X	-3.031	-3.031	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-8.487	-8.487	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-8.487	-8.487	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	-15.543	-15.543	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-8.461	-8.461	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-5.213	-5.213	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	-5.213	-5.213	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-15.831	-15.831	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	-16.407	-16.407	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-3.031	-3.031	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-8.487	-8.487	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-8.487	-8.487	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	-15.543	-15.543	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	-8.462	-8.462	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-5.213	-5.213	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-15.831	-15.831	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	-16.407	-16.407	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	-5.213	-5.213	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	0	0	0	%100
83	M79B	X	0	0	0	%100
84	M79B	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,%]
85	M115	X	-7.073	-7.073	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	-7.073	-7.073	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	0	0	0	%100
91	M90	X	-9.067	-9.067	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	-6.152	-6.152	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	-9.067	-9.067	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	-6.152	-6.152	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	-8.203	-8.203	0	%100
100	MP4C	Z	0	0	0	%100
101	MP3C	X	-8.203	-8.203	0	%100
102	MP3C	Z	0	0	0	%100
103	MP2C	X	-9.93	-9.93	0	%100
104	MP2C	Z	0	0	0	%100
105	MP1C	X	-8.203	-8.203	0	%100
106	MP1C	Z	0	0	0	%100
107	MP4B	X	-8.203	-8.203	0	%100
108	MP4B	Z	0	0	0	%100
109	MP3B	X	-8.203	-8.203	0	%100
110	MP3B	Z	0	0	0	%100
111	MP2B	X	-9.93	-9.93	0	%100
112	MP2B	Z	0	0	0	%100
113	MP1B	X	-8.203	-8.203	0	%100
114	MP1B	Z	0	0	0	%100
115	OVP	X	-6.708	-6.708	0	%100
116	OVP	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	M20	X	-2.617	-2.617	0	%100
2	M20	Z	-1.511	-1.511	0	%100
3	M72A	X	-7.875	-7.875	0	%100
4	M72A	Z	-4.547	-4.547	0	%100
5	M73	X	-2.45	-2.45	0	%100
6	M73	Z	-1.414	-1.414	0	%100
7	M74	X	-2.45	-2.45	0	%100
8	M74	Z	-1.414	-1.414	0	%100
9	M75	X	-4.487	-4.487	0	%100
10	M75	Z	-2.591	-2.591	0	%100
11	M78	X	-2.443	-2.443	0	%100
12	M78	Z	-1.41	-1.41	0	%100
13	M79	X	-9.772	-9.772	0	%100
14	M79	Z	-5.642	-5.642	0	%100
15	M84	X	-13.544	-13.544	0	%100
16	M84	Z	-7.82	-7.82	0	%100
17	M85	X	-18.28	-18.28	0	%100
18	M85	Z	-10.554	-10.554	0	%100
19	M87A	X	-18.945	-18.945	0	%100
20	M87A	Z	-10.938	-10.938	0	%100
21	M89A	X	-13.544	-13.544	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,%]
22	M89A	Z	-7.82	-7.82	0	%100
23	M90A	X	-4.57	-4.57	0	%100
24	M90A	Z	-2.638	-2.638	0	%100
25	M92	X	-4.736	-4.736	0	%100
26	M92	Z	-2.734	-2.734	0	%100
27	M70A	X	-1.776	-1.776	0	%100
28	M70A	Z	-1.025	-1.025	0	%100
29	MP4A	X	-7.104	-7.104	0	%100
30	MP4A	Z	-4.102	-4.102	0	%100
31	MP3A	X	-7.104	-7.104	0	%100
32	MP3A	Z	-4.102	-4.102	0	%100
33	MP2A	X	-8.6	-8.6	0	%100
34	MP2A	Z	-4.965	-4.965	0	%100
35	MP1A	X	-7.104	-7.104	0	%100
36	MP1A	Z	-4.102	-4.102	0	%100
37	M37	X	-7.875	-7.875	0	%100
38	M37	Z	-4.547	-4.547	0	%100
39	M38	X	-2.45	-2.45	0	%100
40	M38	Z	-1.414	-1.414	0	%100
41	M39	X	-2.45	-2.45	0	%100
42	M39	Z	-1.414	-1.414	0	%100
43	M40	X	-4.487	-4.487	0	%100
44	M40	Z	-2.591	-2.591	0	%100
45	M43	X	-9.77	-9.77	0	%100
46	M43	Z	-5.641	-5.641	0	%100
47	M44	X	-2.443	-2.443	0	%100
48	M44	Z	-1.41	-1.41	0	%100
49	M49	X	-13.544	-13.544	0	%100
50	M49	Z	-7.82	-7.82	0	%100
51	M50	X	-4.57	-4.57	0	%100
52	M50	Z	-2.638	-2.638	0	%100
53	M52	X	-4.736	-4.736	0	%100
54	M52	Z	-2.734	-2.734	0	%100
55	M54	X	-13.544	-13.544	0	%100
56	M54	Z	-7.82	-7.82	0	%100
57	M55	X	-18.28	-18.28	0	%100
58	M55	Z	-10.554	-10.554	0	%100
59	M57	X	-18.945	-18.945	0	%100
60	M57	Z	-10.938	-10.938	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-9.8	-9.8	0	%100
64	M60	Z	-5.658	-5.658	0	%100
65	M61	X	-9.8	-9.8	0	%100
66	M61	Z	-5.658	-5.658	0	%100
67	M62	X	-17.948	-17.948	0	%100
68	M62	Z	-10.362	-10.362	0	%100
69	M65	X	-2.443	-2.443	0	%100
70	M65	Z	-1.41	-1.41	0	%100
71	M66	X	-2.443	-2.443	0	%100
72	M66	Z	-1.41	-1.41	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-4.57	-4.57	0	%100
76	M72	Z	-2.638	-2.638	0	%100
77	M74B	X	-4.736	-4.736	0	%100
78	M74B	Z	-2.734	-2.734	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,%]
79	M76B	X	0	0	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	-4.57	-4.57	0	%100
82	M77B	Z	-2.638	-2.638	0	%100
83	M79B	X	-4.736	-4.736	0	%100
84	M79B	Z	-2.734	-2.734	0	%100
85	M115	X	-2.042	-2.042	0	%100
86	M115	Z	-1.179	-1.179	0	%100
87	M116	X	-8.168	-8.168	0	%100
88	M116	Z	-4.716	-4.716	0	%100
89	M117	X	-2.042	-2.042	0	%100
90	M117	Z	-1.179	-1.179	0	%100
91	M90	X	-2.617	-2.617	0	%100
92	M90	Z	-1.511	-1.511	0	%100
93	M91A	X	-1.776	-1.776	0	%100
94	M91A	Z	-1.025	-1.025	0	%100
95	M92A	X	-10.469	-10.469	0	%100
96	M92A	Z	-6.045	-6.045	0	%100
97	M93	X	-7.104	-7.104	0	%100
98	M93	Z	-4.102	-4.102	0	%100
99	MP4C	X	-7.104	-7.104	0	%100
100	MP4C	Z	-4.102	-4.102	0	%100
101	MP3C	X	-7.104	-7.104	0	%100
102	MP3C	Z	-4.102	-4.102	0	%100
103	MP2C	X	-8.6	-8.6	0	%100
104	MP2C	Z	-4.965	-4.965	0	%100
105	MP1C	X	-7.104	-7.104	0	%100
106	MP1C	Z	-4.102	-4.102	0	%100
107	MP4B	X	-7.104	-7.104	0	%100
108	MP4B	Z	-4.102	-4.102	0	%100
109	MP3B	X	-7.104	-7.104	0	%100
110	MP3B	Z	-4.102	-4.102	0	%100
111	MP2B	X	-8.6	-8.6	0	%100
112	MP2B	Z	-4.965	-4.965	0	%100
113	MP1B	X	-7.104	-7.104	0	%100
114	MP1B	Z	-4.102	-4.102	0	%100
115	OVP	X	-5.809	-5.809	0	%100
116	OVP	Z	-3.354	-3.354	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	M20	X	-4.533	-4.533	0	%100
2	M20	Z	-7.852	-7.852	0	%100
3	M72A	X	-1.516	-1.516	0	%100
4	M72A	Z	-2.625	-2.625	0	%100
5	M73	X	-4.243	-4.243	0	%100
6	M73	Z	-7.35	-7.35	0	%100
7	M74	X	-4.243	-4.243	0	%100
8	M74	Z	-7.35	-7.35	0	%100
9	M75	X	-7.772	-7.772	0	%100
10	M75	Z	-13.461	-13.461	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-4.231	-4.231	0	%100
14	M79	Z	-7.329	-7.329	0	%100
15	M84	X	-2.607	-2.607	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,%]
16	M84	Z	-4.515	-4.515	0	%100
17	M85	X	-7.915	-7.915	0	%100
18	M85	Z	-13.71	-13.71	0	%100
19	M87A	X	-8.203	-8.203	0	%100
20	M87A	Z	-14.209	-14.209	0	%100
21	M89A	X	-2.607	-2.607	0	%100
22	M89A	Z	-4.515	-4.515	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	-3.076	-3.076	0	%100
28	M70A	Z	-5.328	-5.328	0	%100
29	MP4A	X	-4.102	-4.102	0	%100
30	MP4A	Z	-7.104	-7.104	0	%100
31	MP3A	X	-4.102	-4.102	0	%100
32	MP3A	Z	-7.104	-7.104	0	%100
33	MP2A	X	-4.965	-4.965	0	%100
34	MP2A	Z	-8.6	-8.6	0	%100
35	MP1A	X	-4.102	-4.102	0	%100
36	MP1A	Z	-7.104	-7.104	0	%100
37	M37	X	-6.063	-6.063	0	%100
38	M37	Z	-10.501	-10.501	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-4.231	-4.231	0	%100
46	M43	Z	-7.328	-7.328	0	%100
47	M44	X	-4.231	-4.231	0	%100
48	M44	Z	-7.329	-7.329	0	%100
49	M49	X	-10.426	-10.426	0	%100
50	M49	Z	-18.058	-18.058	0	%100
51	M50	X	-7.915	-7.915	0	%100
52	M50	Z	-13.71	-13.71	0	%100
53	M52	X	-8.203	-8.203	0	%100
54	M52	Z	-14.209	-14.209	0	%100
55	M54	X	-10.426	-10.426	0	%100
56	M54	Z	-18.058	-18.058	0	%100
57	M55	X	-7.915	-7.915	0	%100
58	M55	Z	-13.71	-13.71	0	%100
59	M57	X	-8.203	-8.203	0	%100
60	M57	Z	-14.209	-14.209	0	%100
61	M59	X	-1.516	-1.516	0	%100
62	M59	Z	-2.625	-2.625	0	%100
63	M60	X	-4.243	-4.243	0	%100
64	M60	Z	-7.35	-7.35	0	%100
65	M61	X	-4.243	-4.243	0	%100
66	M61	Z	-7.35	-7.35	0	%100
67	M62	X	-7.772	-7.772	0	%100
68	M62	Z	-13.461	-13.461	0	%100
69	M65	X	-4.231	-4.231	0	%100
70	M65	Z	-7.328	-7.328	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M71	X	-2.607	-2.607	0	%100
74	M71	Z	-4.515	-4.515	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	-2.607	-2.607	0	%100
80	M76B	Z	-4.515	-4.515	0	%100
81	M77B	X	-7.915	-7.915	0	%100
82	M77B	Z	-13.71	-13.71	0	%100
83	M79B	X	-8.203	-8.203	0	%100
84	M79B	Z	-14.209	-14.209	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	-3.537	-3.537	0	%100
88	M116	Z	-6.126	-6.126	0	%100
89	M117	X	-3.537	-3.537	0	%100
90	M117	Z	-6.126	-6.126	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	-4.533	-4.533	0	%100
96	M92A	Z	-7.852	-7.852	0	%100
97	M93	X	-3.076	-3.076	0	%100
98	M93	Z	-5.328	-5.328	0	%100
99	MP4C	X	-4.102	-4.102	0	%100
100	MP4C	Z	-7.104	-7.104	0	%100
101	MP3C	X	-4.102	-4.102	0	%100
102	MP3C	Z	-7.104	-7.104	0	%100
103	MP2C	X	-4.965	-4.965	0	%100
104	MP2C	Z	-8.6	-8.6	0	%100
105	MP1C	X	-4.102	-4.102	0	%100
106	MP1C	Z	-7.104	-7.104	0	%100
107	MP4B	X	-4.102	-4.102	0	%100
108	MP4B	Z	-7.104	-7.104	0	%100
109	MP3B	X	-4.102	-4.102	0	%100
110	MP3B	Z	-7.104	-7.104	0	%100
111	MP2B	X	-4.965	-4.965	0	%100
112	MP2B	Z	-8.6	-8.6	0	%100
113	MP1B	X	-4.102	-4.102	0	%100
114	MP1B	Z	-7.104	-7.104	0	%100
115	OVP	X	-3.354	-3.354	0	%100
116	OVP	Z	-5.809	-5.809	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	M20	X	0	0	0	%100
2	M20	Z	-3.305	-3.305	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-2.877	-2.877	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-2.877	-2.877	0	%100
9	M75	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,%]
10	M75	Z	-4.266	-4.266	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-.767	-.767	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-.767	-.767	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-1.063	-1.063	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-1.094	-1.094	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	-1.063	-1.063	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-1.094	-1.094	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	-2.663	-2.663	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	-2.663	-2.663	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-2.663	-2.663	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	-2.949	-2.949	0	%100
35	MP1A	X	0	0	0	%100
36	MP1A	Z	-2.663	-2.663	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	-2.484	-2.484	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-.719	-.719	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-.719	-.719	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-1.066	-1.066	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	-.767	-.767	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-3.07	-3.07	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-3.156	-3.156	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-4.251	-4.251	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	-4.378	-4.378	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	-3.156	-3.156	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-1.063	-1.063	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-1.094	-1.094	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	-2.484	-2.484	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.719	-.719	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.719	-.719	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,%]
67	M62	X	0	0	0	%100
68	M62	Z	-1.066	-1.066	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-3.07	-3.07	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-.767	-.767	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-3.156	-3.156	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.063	-1.063	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	-1.094	-1.094	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	-3.156	-3.156	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	-4.251	-4.251	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	-4.378	-4.378	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	-.598	-.598	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	-.598	-.598	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	-2.393	-2.393	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-.826	-.826	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.666	-.666	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-.826	-.826	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	-.666	-.666	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-2.663	-2.663	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-2.663	-2.663	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	-2.949	-2.949	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	-2.663	-2.663	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-2.663	-2.663	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	-2.663	-2.663	0	%100
111	MP2B	X	0	0	0	%100
112	MP2B	Z	-2.949	-2.949	0	%100
113	MP1B	X	0	0	0	%100
114	MP1B	Z	-2.663	-2.663	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	-2.191	-2.191	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,%]
1	M20	X	1.24	1.24	0	%100
2	M20	Z	-2.147	-2.147	0	%100
3	M72A	X	.414	.414	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,%]
4	M72A	Z	-.717	-.717	0	%100
5	M73	X	1.079	1.079	0	%100
6	M73	Z	-1.869	-1.869	0	%100
7	M74	X	1.079	1.079	0	%100
8	M74	Z	-1.869	-1.869	0	%100
9	M75	X	1.6	1.6	0	%100
10	M75	Z	-2.771	-2.771	0	%100
11	M78	X	1.151	1.151	0	%100
12	M78	Z	-1.994	-1.994	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	.526	.526	0	%100
16	M84	Z	-.911	-.911	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	.526	.526	0	%100
22	M89A	Z	-.911	-.911	0	%100
23	M90A	X	1.594	1.594	0	%100
24	M90A	Z	-2.761	-2.761	0	%100
25	M92	X	1.642	1.642	0	%100
26	M92	Z	-2.843	-2.843	0	%100
27	M70A	X	.999	.999	0	%100
28	M70A	Z	-1.73	-1.73	0	%100
29	MP4A	X	1.332	1.332	0	%100
30	MP4A	Z	-2.306	-2.306	0	%100
31	MP3A	X	1.332	1.332	0	%100
32	MP3A	Z	-2.306	-2.306	0	%100
33	MP2A	X	1.474	1.474	0	%100
34	MP2A	Z	-2.554	-2.554	0	%100
35	MP1A	X	1.332	1.332	0	%100
36	MP1A	Z	-2.306	-2.306	0	%100
37	M37	X	.414	.414	0	%100
38	M37	Z	-.717	-.717	0	%100
39	M38	X	1.079	1.079	0	%100
40	M38	Z	-1.869	-1.869	0	%100
41	M39	X	1.079	1.079	0	%100
42	M39	Z	-1.869	-1.869	0	%100
43	M40	X	1.6	1.6	0	%100
44	M40	Z	-2.771	-2.771	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	1.151	1.151	0	%100
48	M44	Z	-1.994	-1.994	0	%100
49	M49	X	.526	.526	0	%100
50	M49	Z	-.911	-.911	0	%100
51	M50	X	1.594	1.594	0	%100
52	M50	Z	-2.761	-2.761	0	%100
53	M52	X	1.642	1.642	0	%100
54	M52	Z	-2.843	-2.843	0	%100
55	M54	X	.526	.526	0	%100
56	M54	Z	-.911	-.911	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	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,%]
61	M59	X	1.656	1.656	0	%100
62	M59	Z	-2.868	-2.868	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	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	1.151	1.151	0	%100
70	M65	Z	-1.994	-1.994	0	%100
71	M66	X	1.151	1.151	0	%100
72	M66	Z	-1.994	-1.994	0	%100
73	M71	X	2.104	2.104	0	%100
74	M71	Z	-3.645	-3.645	0	%100
75	M72	X	1.594	1.594	0	%100
76	M72	Z	-2.761	-2.761	0	%100
77	M74B	X	1.642	1.642	0	%100
78	M74B	Z	-2.843	-2.843	0	%100
79	M76B	X	2.104	2.104	0	%100
80	M76B	Z	-3.645	-3.645	0	%100
81	M77B	X	1.594	1.594	0	%100
82	M77B	Z	-2.761	-2.761	0	%100
83	M79B	X	1.642	1.642	0	%100
84	M79B	Z	-2.843	-2.843	0	%100
85	M115	X	.897	.897	0	%100
86	M115	Z	-1.554	-1.554	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	.897	.897	0	%100
90	M117	Z	-1.554	-1.554	0	%100
91	M90	X	1.24	1.24	0	%100
92	M90	Z	-2.147	-2.147	0	%100
93	M91A	X	.999	.999	0	%100
94	M91A	Z	-1.73	-1.73	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	1.332	1.332	0	%100
100	MP4C	Z	-2.306	-2.306	0	%100
101	MP3C	X	1.332	1.332	0	%100
102	MP3C	Z	-2.306	-2.306	0	%100
103	MP2C	X	1.474	1.474	0	%100
104	MP2C	Z	-2.554	-2.554	0	%100
105	MP1C	X	1.332	1.332	0	%100
106	MP1C	Z	-2.306	-2.306	0	%100
107	MP4B	X	1.332	1.332	0	%100
108	MP4B	Z	-2.306	-2.306	0	%100
109	MP3B	X	1.332	1.332	0	%100
110	MP3B	Z	-2.306	-2.306	0	%100
111	MP2B	X	1.474	1.474	0	%100
112	MP2B	Z	-2.554	-2.554	0	%100
113	MP1B	X	1.332	1.332	0	%100
114	MP1B	Z	-2.306	-2.306	0	%100
115	OVP	X	1.096	1.096	0	%100
116	OVP	Z	-1.898	-1.898	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	M20	X	.716	.716	0	%100
2	M20	Z	-.413	-.413	0	%100
3	M72A	X	2.151	2.151	0	%100
4	M72A	Z	-1.242	-1.242	0	%100
5	M73	X	.623	.623	0	%100
6	M73	Z	-.36	-.36	0	%100
7	M74	X	.623	.623	0	%100
8	M74	Z	-.36	-.36	0	%100
9	M75	X	.924	.924	0	%100
10	M75	Z	-.533	-.533	0	%100
11	M78	X	2.658	2.658	0	%100
12	M78	Z	-1.535	-1.535	0	%100
13	M79	X	.665	.665	0	%100
14	M79	Z	-.384	-.384	0	%100
15	M84	X	2.734	2.734	0	%100
16	M84	Z	-1.578	-1.578	0	%100
17	M85	X	.92	.92	0	%100
18	M85	Z	-.531	-.531	0	%100
19	M87A	X	.948	.948	0	%100
20	M87A	Z	-.547	-.547	0	%100
21	M89A	X	2.734	2.734	0	%100
22	M89A	Z	-1.578	-1.578	0	%100
23	M90A	X	3.681	3.681	0	%100
24	M90A	Z	-2.125	-2.125	0	%100
25	M92	X	3.791	3.791	0	%100
26	M92	Z	-2.189	-2.189	0	%100
27	M70A	X	.577	.577	0	%100
28	M70A	Z	-.333	-.333	0	%100
29	MP4A	X	2.306	2.306	0	%100
30	MP4A	Z	-1.332	-1.332	0	%100
31	MP3A	X	2.306	2.306	0	%100
32	MP3A	Z	-1.332	-1.332	0	%100
33	MP2A	X	2.554	2.554	0	%100
34	MP2A	Z	-1.474	-1.474	0	%100
35	MP1A	X	2.306	2.306	0	%100
36	MP1A	Z	-1.332	-1.332	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	2.492	2.492	0	%100
40	M38	Z	-1.439	-1.439	0	%100
41	M39	X	2.492	2.492	0	%100
42	M39	Z	-1.439	-1.439	0	%100
43	M40	X	3.694	3.694	0	%100
44	M40	Z	-2.133	-2.133	0	%100
45	M43	X	.665	.665	0	%100
46	M43	Z	-.384	-.384	0	%100
47	M44	X	.665	.665	0	%100
48	M44	Z	-.384	-.384	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	.92	.92	0	%100
52	M50	Z	-.531	-.531	0	%100
53	M52	X	.948	.948	0	%100
54	M52	Z	-.547	-.547	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	.92	.92	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	M55	Z	-.531	-.531	0	%100
59	M57	X	.948	.948	0	%100
60	M57	Z	-.547	-.547	0	%100
61	M59	X	2.151	2.151	0	%100
62	M59	Z	-1.242	-1.242	0	%100
63	M60	X	.623	.623	0	%100
64	M60	Z	-.36	-.36	0	%100
65	M61	X	.623	.623	0	%100
66	M61	Z	-.36	-.36	0	%100
67	M62	X	.924	.924	0	%100
68	M62	Z	-.533	-.533	0	%100
69	M65	X	.665	.665	0	%100
70	M65	Z	-.384	-.384	0	%100
71	M66	X	2.659	2.659	0	%100
72	M66	Z	-1.535	-1.535	0	%100
73	M71	X	2.734	2.734	0	%100
74	M71	Z	-1.578	-1.578	0	%100
75	M72	X	3.681	3.681	0	%100
76	M72	Z	-2.125	-2.125	0	%100
77	M74B	X	3.791	3.791	0	%100
78	M74B	Z	-2.189	-2.189	0	%100
79	M76B	X	2.734	2.734	0	%100
80	M76B	Z	-1.578	-1.578	0	%100
81	M77B	X	.92	.92	0	%100
82	M77B	Z	-.531	-.531	0	%100
83	M79B	X	.948	.948	0	%100
84	M79B	Z	-.547	-.547	0	%100
85	M115	X	2.072	2.072	0	%100
86	M115	Z	-1.196	-1.196	0	%100
87	M116	X	.518	.518	0	%100
88	M116	Z	-.299	-.299	0	%100
89	M117	X	.518	.518	0	%100
90	M117	Z	-.299	-.299	0	%100
91	M90	X	2.863	2.863	0	%100
92	M90	Z	-1.653	-1.653	0	%100
93	M91A	X	2.306	2.306	0	%100
94	M91A	Z	-1.332	-1.332	0	%100
95	M92A	X	.716	.716	0	%100
96	M92A	Z	-.413	-.413	0	%100
97	M93	X	.577	.577	0	%100
98	M93	Z	-.333	-.333	0	%100
99	MP4C	X	2.306	2.306	0	%100
100	MP4C	Z	-1.332	-1.332	0	%100
101	MP3C	X	2.306	2.306	0	%100
102	MP3C	Z	-1.332	-1.332	0	%100
103	MP2C	X	2.554	2.554	0	%100
104	MP2C	Z	-1.474	-1.474	0	%100
105	MP1C	X	2.306	2.306	0	%100
106	MP1C	Z	-1.332	-1.332	0	%100
107	MP4B	X	2.306	2.306	0	%100
108	MP4B	Z	-1.332	-1.332	0	%100
109	MP3B	X	2.306	2.306	0	%100
110	MP3B	Z	-1.332	-1.332	0	%100
111	MP2B	X	2.554	2.554	0	%100
112	MP2B	Z	-1.474	-1.474	0	%100
113	MP1B	X	2.306	2.306	0	%100
114	MP1B	Z	-1.332	-1.332	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,%]
115	OVP	X	1.898	1.898	0	%100
116	OVP	Z	-1.096	-1.096	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	3.311	3.311	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	2.302	2.302	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	2.302	2.302	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	4.209	4.209	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	3.188	3.188	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	3.283	3.283	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	4.209	4.209	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	3.188	3.188	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	3.283	3.283	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	0	0	0	%100
29	MP4A	X	2.663	2.663	0	%100
30	MP4A	Z	0	0	0	%100
31	MP3A	X	2.663	2.663	0	%100
32	MP3A	Z	0	0	0	%100
33	MP2A	X	2.949	2.949	0	%100
34	MP2A	Z	0	0	0	%100
35	MP1A	X	2.663	2.663	0	%100
36	MP1A	Z	0	0	0	%100
37	M37	X	.828	.828	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	2.158	2.158	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	2.158	2.158	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	3.199	3.199	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	2.302	2.302	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	1.052	1.052	0	%100
50	M49	Z	0	0	0	%100
51	M50	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,%]
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	1.052	1.052	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	3.188	3.188	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	3.283	3.283	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	.828	.828	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	2.158	2.158	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	2.158	2.158	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	3.199	3.199	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	2.302	2.302	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	1.052	1.052	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	3.188	3.188	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	3.283	3.283	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	1.052	1.052	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	0	0	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	0	0	0	%100
85	M115	X	1.794	1.794	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	1.794	1.794	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	0	0	0	%100
91	M90	X	2.479	2.479	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	1.997	1.997	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	2.479	2.479	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	1.997	1.997	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	2.663	2.663	0	%100
100	MP4C	Z	0	0	0	%100
101	MP3C	X	2.663	2.663	0	%100
102	MP3C	Z	0	0	0	%100
103	MP2C	X	2.949	2.949	0	%100
104	MP2C	Z	0	0	0	%100
105	MP1C	X	2.663	2.663	0	%100
106	MP1C	Z	0	0	0	%100
107	MP4B	X	2.663	2.663	0	%100
108	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	MP3B	X	2.663	2.663	0	%100
110	MP3B	Z	0	0	0	%100
111	MP2B	X	2.949	2.949	0	%100
112	MP2B	Z	0	0	0	%100
113	MP1B	X	2.663	2.663	0	%100
114	MP1B	Z	0	0	0	%100
115	OVP	X	2.191	2.191	0	%100
116	OVP	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	M20	X	.716	.716	0	%100
2	M20	Z	.413	.413	0	%100
3	M72A	X	2.151	2.151	0	%100
4	M72A	Z	1.242	1.242	0	%100
5	M73	X	.623	.623	0	%100
6	M73	Z	.36	.36	0	%100
7	M74	X	.623	.623	0	%100
8	M74	Z	.36	.36	0	%100
9	M75	X	.924	.924	0	%100
10	M75	Z	.533	.533	0	%100
11	M78	X	.665	.665	0	%100
12	M78	Z	.384	.384	0	%100
13	M79	X	2.659	2.659	0	%100
14	M79	Z	1.535	1.535	0	%100
15	M84	X	2.734	2.734	0	%100
16	M84	Z	1.578	1.578	0	%100
17	M85	X	3.681	3.681	0	%100
18	M85	Z	2.125	2.125	0	%100
19	M87A	X	3.791	3.791	0	%100
20	M87A	Z	2.189	2.189	0	%100
21	M89A	X	2.734	2.734	0	%100
22	M89A	Z	1.578	1.578	0	%100
23	M90A	X	.92	.92	0	%100
24	M90A	Z	.531	.531	0	%100
25	M92	X	.948	.948	0	%100
26	M92	Z	.547	.547	0	%100
27	M70A	X	.577	.577	0	%100
28	M70A	Z	.333	.333	0	%100
29	MP4A	X	2.306	2.306	0	%100
30	MP4A	Z	1.332	1.332	0	%100
31	MP3A	X	2.306	2.306	0	%100
32	MP3A	Z	1.332	1.332	0	%100
33	MP2A	X	2.554	2.554	0	%100
34	MP2A	Z	1.474	1.474	0	%100
35	MP1A	X	2.306	2.306	0	%100
36	MP1A	Z	1.332	1.332	0	%100
37	M37	X	2.151	2.151	0	%100
38	M37	Z	1.242	1.242	0	%100
39	M38	X	.623	.623	0	%100
40	M38	Z	.36	.36	0	%100
41	M39	X	.623	.623	0	%100
42	M39	Z	.36	.36	0	%100
43	M40	X	.924	.924	0	%100
44	M40	Z	.533	.533	0	%100
45	M43	X	2.658	2.658	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,%]
46	M43	Z	1.535	1.535	0	%100
47	M44	X	.665	.665	0	%100
48	M44	Z	.384	.384	0	%100
49	M49	X	2.734	2.734	0	%100
50	M49	Z	1.578	1.578	0	%100
51	M50	X	.92	.92	0	%100
52	M50	Z	.531	.531	0	%100
53	M52	X	.948	.948	0	%100
54	M52	Z	.547	.547	0	%100
55	M54	X	2.734	2.734	0	%100
56	M54	Z	1.578	1.578	0	%100
57	M55	X	3.681	3.681	0	%100
58	M55	Z	2.125	2.125	0	%100
59	M57	X	3.791	3.791	0	%100
60	M57	Z	2.189	2.189	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	2.492	2.492	0	%100
64	M60	Z	1.439	1.439	0	%100
65	M61	X	2.492	2.492	0	%100
66	M61	Z	1.439	1.439	0	%100
67	M62	X	3.694	3.694	0	%100
68	M62	Z	2.133	2.133	0	%100
69	M65	X	.665	.665	0	%100
70	M65	Z	.384	.384	0	%100
71	M66	X	.665	.665	0	%100
72	M66	Z	.384	.384	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	.92	.92	0	%100
76	M72	Z	.531	.531	0	%100
77	M74B	X	.948	.948	0	%100
78	M74B	Z	.547	.547	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	.92	.92	0	%100
82	M77B	Z	.531	.531	0	%100
83	M79B	X	.948	.948	0	%100
84	M79B	Z	.547	.547	0	%100
85	M115	X	.518	.518	0	%100
86	M115	Z	.299	.299	0	%100
87	M116	X	2.072	2.072	0	%100
88	M116	Z	1.196	1.196	0	%100
89	M117	X	.518	.518	0	%100
90	M117	Z	.299	.299	0	%100
91	M90	X	.716	.716	0	%100
92	M90	Z	.413	.413	0	%100
93	M91A	X	.577	.577	0	%100
94	M91A	Z	.333	.333	0	%100
95	M92A	X	2.863	2.863	0	%100
96	M92A	Z	1.653	1.653	0	%100
97	M93	X	2.306	2.306	0	%100
98	M93	Z	1.332	1.332	0	%100
99	MP4C	X	2.306	2.306	0	%100
100	MP4C	Z	1.332	1.332	0	%100
101	MP3C	X	2.306	2.306	0	%100
102	MP3C	Z	1.332	1.332	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,%]
103	MP2C	X	2.554	2.554	0	%100
104	MP2C	Z	1.474	1.474	0	%100
105	MP1C	X	2.306	2.306	0	%100
106	MP1C	Z	1.332	1.332	0	%100
107	MP4B	X	2.306	2.306	0	%100
108	MP4B	Z	1.332	1.332	0	%100
109	MP3B	X	2.306	2.306	0	%100
110	MP3B	Z	1.332	1.332	0	%100
111	MP2B	X	2.554	2.554	0	%100
112	MP2B	Z	1.474	1.474	0	%100
113	MP1B	X	2.306	2.306	0	%100
114	MP1B	Z	1.332	1.332	0	%100
115	OVP	X	1.898	1.898	0	%100
116	OVP	Z	1.096	1.096	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	M20	X	1.24	1.24	0	%100
2	M20	Z	2.147	2.147	0	%100
3	M72A	X	.414	.414	0	%100
4	M72A	Z	.717	.717	0	%100
5	M73	X	1.079	1.079	0	%100
6	M73	Z	1.869	1.869	0	%100
7	M74	X	1.079	1.079	0	%100
8	M74	Z	1.869	1.869	0	%100
9	M75	X	1.6	1.6	0	%100
10	M75	Z	2.771	2.771	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	1.151	1.151	0	%100
14	M79	Z	1.994	1.994	0	%100
15	M84	X	.526	.526	0	%100
16	M84	Z	.911	.911	0	%100
17	M85	X	1.594	1.594	0	%100
18	M85	Z	2.761	2.761	0	%100
19	M87A	X	1.642	1.642	0	%100
20	M87A	Z	2.843	2.843	0	%100
21	M89A	X	.526	.526	0	%100
22	M89A	Z	.911	.911	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	.999	.999	0	%100
28	M70A	Z	1.73	1.73	0	%100
29	MP4A	X	1.332	1.332	0	%100
30	MP4A	Z	2.306	2.306	0	%100
31	MP3A	X	1.332	1.332	0	%100
32	MP3A	Z	2.306	2.306	0	%100
33	MP2A	X	1.474	1.474	0	%100
34	MP2A	Z	2.554	2.554	0	%100
35	MP1A	X	1.332	1.332	0	%100
36	MP1A	Z	2.306	2.306	0	%100
37	M37	X	1.656	1.656	0	%100
38	M37	Z	2.868	2.868	0	%100
39	M38	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	1.151	1.151	0	%100
46	M43	Z	1.994	1.994	0	%100
47	M44	X	1.151	1.151	0	%100
48	M44	Z	1.994	1.994	0	%100
49	M49	X	2.104	2.104	0	%100
50	M49	Z	3.645	3.645	0	%100
51	M50	X	1.594	1.594	0	%100
52	M50	Z	2.761	2.761	0	%100
53	M52	X	1.642	1.642	0	%100
54	M52	Z	2.843	2.843	0	%100
55	M54	X	2.104	2.104	0	%100
56	M54	Z	3.645	3.645	0	%100
57	M55	X	1.594	1.594	0	%100
58	M55	Z	2.761	2.761	0	%100
59	M57	X	1.642	1.642	0	%100
60	M57	Z	2.843	2.843	0	%100
61	M59	X	.414	.414	0	%100
62	M59	Z	.717	.717	0	%100
63	M60	X	1.079	1.079	0	%100
64	M60	Z	1.869	1.869	0	%100
65	M61	X	1.079	1.079	0	%100
66	M61	Z	1.869	1.869	0	%100
67	M62	X	1.6	1.6	0	%100
68	M62	Z	2.771	2.771	0	%100
69	M65	X	1.151	1.151	0	%100
70	M65	Z	1.994	1.994	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	.526	.526	0	%100
74	M71	Z	.911	.911	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	.526	.526	0	%100
80	M76B	Z	.911	.911	0	%100
81	M77B	X	1.594	1.594	0	%100
82	M77B	Z	2.761	2.761	0	%100
83	M79B	X	1.642	1.642	0	%100
84	M79B	Z	2.843	2.843	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	.897	.897	0	%100
88	M116	Z	1.554	1.554	0	%100
89	M117	X	.897	.897	0	%100
90	M117	Z	1.554	1.554	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	1.24	1.24	0	%100
96	M92A	Z	2.147	2.147	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,%]
97	M93	X	.999	.999	0	%100
98	M93	Z	1.73	1.73	0	%100
99	MP4C	X	1.332	1.332	0	%100
100	MP4C	Z	2.306	2.306	0	%100
101	MP3C	X	1.332	1.332	0	%100
102	MP3C	Z	2.306	2.306	0	%100
103	MP2C	X	1.474	1.474	0	%100
104	MP2C	Z	2.554	2.554	0	%100
105	MP1C	X	1.332	1.332	0	%100
106	MP1C	Z	2.306	2.306	0	%100
107	MP4B	X	1.332	1.332	0	%100
108	MP4B	Z	2.306	2.306	0	%100
109	MP3B	X	1.332	1.332	0	%100
110	MP3B	Z	2.306	2.306	0	%100
111	MP2B	X	1.474	1.474	0	%100
112	MP2B	Z	2.554	2.554	0	%100
113	MP1B	X	1.332	1.332	0	%100
114	MP1B	Z	2.306	2.306	0	%100
115	OVP	X	1.096	1.096	0	%100
116	OVP	Z	1.898	1.898	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	M20	X	0	0	0	%100
2	M20	Z	3.305	3.305	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	2.877	2.877	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	2.877	2.877	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	4.266	4.266	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	.767	.767	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	.767	.767	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	1.063	1.063	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	1.094	1.094	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	1.063	1.063	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	1.094	1.094	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	2.663	2.663	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	2.663	2.663	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	2.663	2.663	0	%100
33	MP2A	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,%]
34	MP2A	Z	2.949	2.949	0	%100
35	MP1A	X	0	0	0	%100
36	MP1A	Z	2.663	2.663	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	2.484	2.484	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	.719	.719	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.719	.719	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	1.066	1.066	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	.767	.767	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	3.07	3.07	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	3.156	3.156	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	4.251	4.251	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	4.378	4.378	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	3.156	3.156	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	1.063	1.063	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	1.094	1.094	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	2.484	2.484	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.719	.719	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.719	.719	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	1.066	1.066	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	3.07	3.07	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	.767	.767	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	3.156	3.156	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	1.063	1.063	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	1.094	1.094	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	3.156	3.156	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	4.251	4.251	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	4.378	4.378	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	.598	.598	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	.598	.598	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	2.393	2.393	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,%]
91	M90	X	0	0	0	%100
92	M90	Z	.826	.826	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.666	.666	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	.826	.826	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	.666	.666	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	2.663	2.663	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	2.663	2.663	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	2.949	2.949	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	2.663	2.663	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	2.663	2.663	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	2.663	2.663	0	%100
111	MP2B	X	0	0	0	%100
112	MP2B	Z	2.949	2.949	0	%100
113	MP1B	X	0	0	0	%100
114	MP1B	Z	2.663	2.663	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	2.191	2.191	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	M20	X	-1.24	-1.24	0	%100
2	M20	Z	2.147	2.147	0	%100
3	M72A	X	-.414	-.414	0	%100
4	M72A	Z	.717	.717	0	%100
5	M73	X	-1.079	-1.079	0	%100
6	M73	Z	1.869	1.869	0	%100
7	M74	X	-1.079	-1.079	0	%100
8	M74	Z	1.869	1.869	0	%100
9	M75	X	-1.6	-1.6	0	%100
10	M75	Z	2.771	2.771	0	%100
11	M78	X	-1.151	-1.151	0	%100
12	M78	Z	1.994	1.994	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-.526	-.526	0	%100
16	M84	Z	.911	.911	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-.526	-.526	0	%100
22	M89A	Z	.911	.911	0	%100
23	M90A	X	-1.594	-1.594	0	%100
24	M90A	Z	2.761	2.761	0	%100
25	M92	X	-1.642	-1.642	0	%100
26	M92	Z	2.843	2.843	0	%100
27	M70A	X	-.999	-.999	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,%]
28	M70A	Z	1.73	1.73	0	%100
29	MP4A	X	-1.332	-1.332	0	%100
30	MP4A	Z	2.306	2.306	0	%100
31	MP3A	X	-1.332	-1.332	0	%100
32	MP3A	Z	2.306	2.306	0	%100
33	MP2A	X	-1.474	-1.474	0	%100
34	MP2A	Z	2.554	2.554	0	%100
35	MP1A	X	-1.332	-1.332	0	%100
36	MP1A	Z	2.306	2.306	0	%100
37	M37	X	-.414	-.414	0	%100
38	M37	Z	.717	.717	0	%100
39	M38	X	-1.079	-1.079	0	%100
40	M38	Z	1.869	1.869	0	%100
41	M39	X	-1.079	-1.079	0	%100
42	M39	Z	1.869	1.869	0	%100
43	M40	X	-1.6	-1.6	0	%100
44	M40	Z	2.771	2.771	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	-1.151	-1.151	0	%100
48	M44	Z	1.994	1.994	0	%100
49	M49	X	-.526	-.526	0	%100
50	M49	Z	.911	.911	0	%100
51	M50	X	-1.594	-1.594	0	%100
52	M50	Z	2.761	2.761	0	%100
53	M52	X	-1.642	-1.642	0	%100
54	M52	Z	2.843	2.843	0	%100
55	M54	X	-.526	-.526	0	%100
56	M54	Z	.911	.911	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-1.656	-1.656	0	%100
62	M59	Z	2.868	2.868	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	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	-1.151	-1.151	0	%100
70	M65	Z	1.994	1.994	0	%100
71	M66	X	-1.151	-1.151	0	%100
72	M66	Z	1.994	1.994	0	%100
73	M71	X	-2.104	-2.104	0	%100
74	M71	Z	3.645	3.645	0	%100
75	M72	X	-1.594	-1.594	0	%100
76	M72	Z	2.761	2.761	0	%100
77	M74B	X	-1.642	-1.642	0	%100
78	M74B	Z	2.843	2.843	0	%100
79	M76B	X	-2.104	-2.104	0	%100
80	M76B	Z	3.645	3.645	0	%100
81	M77B	X	-1.594	-1.594	0	%100
82	M77B	Z	2.761	2.761	0	%100
83	M79B	X	-1.642	-1.642	0	%100
84	M79B	Z	2.843	2.843	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,%]
85	M115	X	-.897	-.897	0	%100
86	M115	Z	1.554	1.554	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	-.897	-.897	0	%100
90	M117	Z	1.554	1.554	0	%100
91	M90	X	-1.24	-1.24	0	%100
92	M90	Z	2.147	2.147	0	%100
93	M91A	X	-.999	-.999	0	%100
94	M91A	Z	1.73	1.73	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	-1.332	-1.332	0	%100
100	MP4C	Z	2.306	2.306	0	%100
101	MP3C	X	-1.332	-1.332	0	%100
102	MP3C	Z	2.306	2.306	0	%100
103	MP2C	X	-1.474	-1.474	0	%100
104	MP2C	Z	2.554	2.554	0	%100
105	MP1C	X	-1.332	-1.332	0	%100
106	MP1C	Z	2.306	2.306	0	%100
107	MP4B	X	-1.332	-1.332	0	%100
108	MP4B	Z	2.306	2.306	0	%100
109	MP3B	X	-1.332	-1.332	0	%100
110	MP3B	Z	2.306	2.306	0	%100
111	MP2B	X	-1.474	-1.474	0	%100
112	MP2B	Z	2.554	2.554	0	%100
113	MP1B	X	-1.332	-1.332	0	%100
114	MP1B	Z	2.306	2.306	0	%100
115	OVP	X	-1.096	-1.096	0	%100
116	OVP	Z	1.898	1.898	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	M20	X	-.716	-.716	0	%100
2	M20	Z	.413	.413	0	%100
3	M72A	X	-2.151	-2.151	0	%100
4	M72A	Z	1.242	1.242	0	%100
5	M73	X	-.623	-.623	0	%100
6	M73	Z	.36	.36	0	%100
7	M74	X	-.623	-.623	0	%100
8	M74	Z	.36	.36	0	%100
9	M75	X	-.924	-.924	0	%100
10	M75	Z	.533	.533	0	%100
11	M78	X	-2.658	-2.658	0	%100
12	M78	Z	1.535	1.535	0	%100
13	M79	X	-.665	-.665	0	%100
14	M79	Z	.384	.384	0	%100
15	M84	X	-2.734	-2.734	0	%100
16	M84	Z	1.578	1.578	0	%100
17	M85	X	-.92	-.92	0	%100
18	M85	Z	.531	.531	0	%100
19	M87A	X	-.948	-.948	0	%100
20	M87A	Z	.547	.547	0	%100
21	M89A	X	-2.734	-2.734	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,%]
22	M89A	Z	1.578	1.578	0	%100
23	M90A	X	-3.681	-3.681	0	%100
24	M90A	Z	2.125	2.125	0	%100
25	M92	X	-3.791	-3.791	0	%100
26	M92	Z	2.189	2.189	0	%100
27	M70A	X	-.577	-.577	0	%100
28	M70A	Z	.333	.333	0	%100
29	MP4A	X	-2.306	-2.306	0	%100
30	MP4A	Z	1.332	1.332	0	%100
31	MP3A	X	-2.306	-2.306	0	%100
32	MP3A	Z	1.332	1.332	0	%100
33	MP2A	X	-2.554	-2.554	0	%100
34	MP2A	Z	1.474	1.474	0	%100
35	MP1A	X	-2.306	-2.306	0	%100
36	MP1A	Z	1.332	1.332	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-2.492	-2.492	0	%100
40	M38	Z	1.439	1.439	0	%100
41	M39	X	-2.492	-2.492	0	%100
42	M39	Z	1.439	1.439	0	%100
43	M40	X	-3.694	-3.694	0	%100
44	M40	Z	2.133	2.133	0	%100
45	M43	X	-.665	-.665	0	%100
46	M43	Z	.384	.384	0	%100
47	M44	X	-.665	-.665	0	%100
48	M44	Z	.384	.384	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-.92	-.92	0	%100
52	M50	Z	.531	.531	0	%100
53	M52	X	-.948	-.948	0	%100
54	M52	Z	.547	.547	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-.92	-.92	0	%100
58	M55	Z	.531	.531	0	%100
59	M57	X	-.948	-.948	0	%100
60	M57	Z	.547	.547	0	%100
61	M59	X	-2.151	-2.151	0	%100
62	M59	Z	1.242	1.242	0	%100
63	M60	X	-.623	-.623	0	%100
64	M60	Z	.36	.36	0	%100
65	M61	X	-.623	-.623	0	%100
66	M61	Z	.36	.36	0	%100
67	M62	X	-.924	-.924	0	%100
68	M62	Z	.533	.533	0	%100
69	M65	X	-.665	-.665	0	%100
70	M65	Z	.384	.384	0	%100
71	M66	X	-2.659	-2.659	0	%100
72	M66	Z	1.535	1.535	0	%100
73	M71	X	-2.734	-2.734	0	%100
74	M71	Z	1.578	1.578	0	%100
75	M72	X	-3.681	-3.681	0	%100
76	M72	Z	2.125	2.125	0	%100
77	M74B	X	-3.791	-3.791	0	%100
78	M74B	Z	2.189	2.189	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,%]
79	M76B	X	-2.734	-2.734	0	%100
80	M76B	Z	1.578	1.578	0	%100
81	M77B	X	-.92	-.92	0	%100
82	M77B	Z	.531	.531	0	%100
83	M79B	X	-.948	-.948	0	%100
84	M79B	Z	.547	.547	0	%100
85	M115	X	-2.072	-2.072	0	%100
86	M115	Z	1.196	1.196	0	%100
87	M116	X	-.518	-.518	0	%100
88	M116	Z	.299	.299	0	%100
89	M117	X	-.518	-.518	0	%100
90	M117	Z	.299	.299	0	%100
91	M90	X	-2.863	-2.863	0	%100
92	M90	Z	1.653	1.653	0	%100
93	M91A	X	-2.306	-2.306	0	%100
94	M91A	Z	1.332	1.332	0	%100
95	M92A	X	-.716	-.716	0	%100
96	M92A	Z	.413	.413	0	%100
97	M93	X	-.577	-.577	0	%100
98	M93	Z	.333	.333	0	%100
99	MP4C	X	-2.306	-2.306	0	%100
100	MP4C	Z	1.332	1.332	0	%100
101	MP3C	X	-2.306	-2.306	0	%100
102	MP3C	Z	1.332	1.332	0	%100
103	MP2C	X	-2.554	-2.554	0	%100
104	MP2C	Z	1.474	1.474	0	%100
105	MP1C	X	-2.306	-2.306	0	%100
106	MP1C	Z	1.332	1.332	0	%100
107	MP4B	X	-2.306	-2.306	0	%100
108	MP4B	Z	1.332	1.332	0	%100
109	MP3B	X	-2.306	-2.306	0	%100
110	MP3B	Z	1.332	1.332	0	%100
111	MP2B	X	-2.554	-2.554	0	%100
112	MP2B	Z	1.474	1.474	0	%100
113	MP1B	X	-2.306	-2.306	0	%100
114	MP1B	Z	1.332	1.332	0	%100
115	OVP	X	-1.898	-1.898	0	%100
116	OVP	Z	1.096	1.096	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-3.311	-3.311	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-2.302	-2.302	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-2.302	-2.302	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-4.209	-4.209	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,%]
16	M84	Z	0	0	0	%100
17	M85	X	-3.188	-3.188	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-3.283	-3.283	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-4.209	-4.209	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-3.188	-3.188	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-3.283	-3.283	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	0	0	0	%100
29	MP4A	X	-2.663	-2.663	0	%100
30	MP4A	Z	0	0	0	%100
31	MP3A	X	-2.663	-2.663	0	%100
32	MP3A	Z	0	0	0	%100
33	MP2A	X	-2.949	-2.949	0	%100
34	MP2A	Z	0	0	0	%100
35	MP1A	X	-2.663	-2.663	0	%100
36	MP1A	Z	0	0	0	%100
37	M37	X	-.828	-.828	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-2.158	-2.158	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-2.158	-2.158	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	-3.199	-3.199	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-2.302	-2.302	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-1.052	-1.052	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	-1.052	-1.052	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-3.188	-3.188	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	-3.283	-3.283	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-.828	-.828	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-2.158	-2.158	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-2.158	-2.158	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	-3.199	-3.199	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	-2.302	-2.302	0	%100
72	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M71	X	-1.052	-1.052	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-3.188	-3.188	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	-3.283	-3.283	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	-1.052	-1.052	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	0	0	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	0	0	0	%100
85	M115	X	-1.794	-1.794	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	-1.794	-1.794	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	0	0	0	%100
91	M90	X	-2.479	-2.479	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	-1.997	-1.997	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	-2.479	-2.479	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	-1.997	-1.997	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	-2.663	-2.663	0	%100
100	MP4C	Z	0	0	0	%100
101	MP3C	X	-2.663	-2.663	0	%100
102	MP3C	Z	0	0	0	%100
103	MP2C	X	-2.949	-2.949	0	%100
104	MP2C	Z	0	0	0	%100
105	MP1C	X	-2.663	-2.663	0	%100
106	MP1C	Z	0	0	0	%100
107	MP4B	X	-2.663	-2.663	0	%100
108	MP4B	Z	0	0	0	%100
109	MP3B	X	-2.663	-2.663	0	%100
110	MP3B	Z	0	0	0	%100
111	MP2B	X	-2.949	-2.949	0	%100
112	MP2B	Z	0	0	0	%100
113	MP1B	X	-2.663	-2.663	0	%100
114	MP1B	Z	0	0	0	%100
115	OVP	X	-2.191	-2.191	0	%100
116	OVP	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	M20	X	-.716	-.716	0	%100
2	M20	Z	-.413	-.413	0	%100
3	M72A	X	-2.151	-2.151	0	%100
4	M72A	Z	-1.242	-1.242	0	%100
5	M73	X	-.623	-.623	0	%100
6	M73	Z	-.36	-.36	0	%100
7	M74	X	-.623	-.623	0	%100
8	M74	Z	-.36	-.36	0	%100
9	M75	X	-.924	-.924	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,%]
10	M75	Z	-.533	-.533	0	%100
11	M78	X	-.665	-.665	0	%100
12	M78	Z	-.384	-.384	0	%100
13	M79	X	-2.659	-2.659	0	%100
14	M79	Z	-1.535	-1.535	0	%100
15	M84	X	-2.734	-2.734	0	%100
16	M84	Z	-1.578	-1.578	0	%100
17	M85	X	-3.681	-3.681	0	%100
18	M85	Z	-2.125	-2.125	0	%100
19	M87A	X	-3.791	-3.791	0	%100
20	M87A	Z	-2.189	-2.189	0	%100
21	M89A	X	-2.734	-2.734	0	%100
22	M89A	Z	-1.578	-1.578	0	%100
23	M90A	X	-.92	-.92	0	%100
24	M90A	Z	-.531	-.531	0	%100
25	M92	X	-.948	-.948	0	%100
26	M92	Z	-.547	-.547	0	%100
27	M70A	X	-.577	-.577	0	%100
28	M70A	Z	-.333	-.333	0	%100
29	MP4A	X	-2.306	-2.306	0	%100
30	MP4A	Z	-1.332	-1.332	0	%100
31	MP3A	X	-2.306	-2.306	0	%100
32	MP3A	Z	-1.332	-1.332	0	%100
33	MP2A	X	-2.554	-2.554	0	%100
34	MP2A	Z	-1.474	-1.474	0	%100
35	MP1A	X	-2.306	-2.306	0	%100
36	MP1A	Z	-1.332	-1.332	0	%100
37	M37	X	-2.151	-2.151	0	%100
38	M37	Z	-1.242	-1.242	0	%100
39	M38	X	-.623	-.623	0	%100
40	M38	Z	-.36	-.36	0	%100
41	M39	X	-.623	-.623	0	%100
42	M39	Z	-.36	-.36	0	%100
43	M40	X	-.924	-.924	0	%100
44	M40	Z	-.533	-.533	0	%100
45	M43	X	-2.658	-2.658	0	%100
46	M43	Z	-1.535	-1.535	0	%100
47	M44	X	-.665	-.665	0	%100
48	M44	Z	-.384	-.384	0	%100
49	M49	X	-2.734	-2.734	0	%100
50	M49	Z	-1.578	-1.578	0	%100
51	M50	X	-.92	-.92	0	%100
52	M50	Z	-.531	-.531	0	%100
53	M52	X	-.948	-.948	0	%100
54	M52	Z	-.547	-.547	0	%100
55	M54	X	-2.734	-2.734	0	%100
56	M54	Z	-1.578	-1.578	0	%100
57	M55	X	-3.681	-3.681	0	%100
58	M55	Z	-2.125	-2.125	0	%100
59	M57	X	-3.791	-3.791	0	%100
60	M57	Z	-2.189	-2.189	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-2.492	-2.492	0	%100
64	M60	Z	-1.439	-1.439	0	%100
65	M61	X	-2.492	-2.492	0	%100
66	M61	Z	-1.439	-1.439	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,%]
67	M62	X	-3.694	-3.694	0	%100
68	M62	Z	-2.133	-2.133	0	%100
69	M65	X	-.665	-.665	0	%100
70	M65	Z	-.384	-.384	0	%100
71	M66	X	-.665	-.665	0	%100
72	M66	Z	-.384	-.384	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-.92	-.92	0	%100
76	M72	Z	-.531	-.531	0	%100
77	M74B	X	-.948	-.948	0	%100
78	M74B	Z	-.547	-.547	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	-.92	-.92	0	%100
82	M77B	Z	-.531	-.531	0	%100
83	M79B	X	-.948	-.948	0	%100
84	M79B	Z	-.547	-.547	0	%100
85	M115	X	-.518	-.518	0	%100
86	M115	Z	-.299	-.299	0	%100
87	M116	X	-2.072	-2.072	0	%100
88	M116	Z	-1.196	-1.196	0	%100
89	M117	X	-.518	-.518	0	%100
90	M117	Z	-.299	-.299	0	%100
91	M90	X	-.716	-.716	0	%100
92	M90	Z	-.413	-.413	0	%100
93	M91A	X	-.577	-.577	0	%100
94	M91A	Z	-.333	-.333	0	%100
95	M92A	X	-2.863	-2.863	0	%100
96	M92A	Z	-1.653	-1.653	0	%100
97	M93	X	-2.306	-2.306	0	%100
98	M93	Z	-1.332	-1.332	0	%100
99	MP4C	X	-2.306	-2.306	0	%100
100	MP4C	Z	-1.332	-1.332	0	%100
101	MP3C	X	-2.306	-2.306	0	%100
102	MP3C	Z	-1.332	-1.332	0	%100
103	MP2C	X	-2.554	-2.554	0	%100
104	MP2C	Z	-1.474	-1.474	0	%100
105	MP1C	X	-2.306	-2.306	0	%100
106	MP1C	Z	-1.332	-1.332	0	%100
107	MP4B	X	-2.306	-2.306	0	%100
108	MP4B	Z	-1.332	-1.332	0	%100
109	MP3B	X	-2.306	-2.306	0	%100
110	MP3B	Z	-1.332	-1.332	0	%100
111	MP2B	X	-2.554	-2.554	0	%100
112	MP2B	Z	-1.474	-1.474	0	%100
113	MP1B	X	-2.306	-2.306	0	%100
114	MP1B	Z	-1.332	-1.332	0	%100
115	OVP	X	-1.898	-1.898	0	%100
116	OVP	Z	-1.096	-1.096	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	M20	X	-1.24	-1.24	0	%100
2	M20	Z	-2.147	-2.147	0	%100
3	M72A	X	-.414	-.414	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,%]
4	M72A	Z	-.717	-.717	0	%100
5	M73	X	-1.079	-1.079	0	%100
6	M73	Z	-1.869	-1.869	0	%100
7	M74	X	-1.079	-1.079	0	%100
8	M74	Z	-1.869	-1.869	0	%100
9	M75	X	-1.6	-1.6	0	%100
10	M75	Z	-2.771	-2.771	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-1.151	-1.151	0	%100
14	M79	Z	-1.994	-1.994	0	%100
15	M84	X	-.526	-.526	0	%100
16	M84	Z	-.911	-.911	0	%100
17	M85	X	-1.594	-1.594	0	%100
18	M85	Z	-2.761	-2.761	0	%100
19	M87A	X	-1.642	-1.642	0	%100
20	M87A	Z	-2.843	-2.843	0	%100
21	M89A	X	-.526	-.526	0	%100
22	M89A	Z	-.911	-.911	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	-.999	-.999	0	%100
28	M70A	Z	-1.73	-1.73	0	%100
29	MP4A	X	-1.332	-1.332	0	%100
30	MP4A	Z	-2.306	-2.306	0	%100
31	MP3A	X	-1.332	-1.332	0	%100
32	MP3A	Z	-2.306	-2.306	0	%100
33	MP2A	X	-1.474	-1.474	0	%100
34	MP2A	Z	-2.554	-2.554	0	%100
35	MP1A	X	-1.332	-1.332	0	%100
36	MP1A	Z	-2.306	-2.306	0	%100
37	M37	X	-1.656	-1.656	0	%100
38	M37	Z	-2.868	-2.868	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-1.151	-1.151	0	%100
46	M43	Z	-1.994	-1.994	0	%100
47	M44	X	-1.151	-1.151	0	%100
48	M44	Z	-1.994	-1.994	0	%100
49	M49	X	-2.104	-2.104	0	%100
50	M49	Z	-3.645	-3.645	0	%100
51	M50	X	-1.594	-1.594	0	%100
52	M50	Z	-2.761	-2.761	0	%100
53	M52	X	-1.642	-1.642	0	%100
54	M52	Z	-2.843	-2.843	0	%100
55	M54	X	-2.104	-2.104	0	%100
56	M54	Z	-3.645	-3.645	0	%100
57	M55	X	-1.594	-1.594	0	%100
58	M55	Z	-2.761	-2.761	0	%100
59	M57	X	-1.642	-1.642	0	%100
60	M57	Z	-2.843	-2.843	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,%]
61	M59	X	-.414	-.414	0	%100
62	M59	Z	-.717	-.717	0	%100
63	M60	X	-1.079	-1.079	0	%100
64	M60	Z	-1.869	-1.869	0	%100
65	M61	X	-1.079	-1.079	0	%100
66	M61	Z	-1.869	-1.869	0	%100
67	M62	X	-1.6	-1.6	0	%100
68	M62	Z	-2.771	-2.771	0	%100
69	M65	X	-1.151	-1.151	0	%100
70	M65	Z	-1.994	-1.994	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-.526	-.526	0	%100
74	M71	Z	-.911	-.911	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	-.526	-.526	0	%100
80	M76B	Z	-.911	-.911	0	%100
81	M77B	X	-1.594	-1.594	0	%100
82	M77B	Z	-2.761	-2.761	0	%100
83	M79B	X	-1.642	-1.642	0	%100
84	M79B	Z	-2.843	-2.843	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	-.897	-.897	0	%100
88	M116	Z	-1.554	-1.554	0	%100
89	M117	X	-.897	-.897	0	%100
90	M117	Z	-1.554	-1.554	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	-1.24	-1.24	0	%100
96	M92A	Z	-2.147	-2.147	0	%100
97	M93	X	-.999	-.999	0	%100
98	M93	Z	-1.73	-1.73	0	%100
99	MP4C	X	-1.332	-1.332	0	%100
100	MP4C	Z	-2.306	-2.306	0	%100
101	MP3C	X	-1.332	-1.332	0	%100
102	MP3C	Z	-2.306	-2.306	0	%100
103	MP2C	X	-1.474	-1.474	0	%100
104	MP2C	Z	-2.554	-2.554	0	%100
105	MP1C	X	-1.332	-1.332	0	%100
106	MP1C	Z	-2.306	-2.306	0	%100
107	MP4B	X	-1.332	-1.332	0	%100
108	MP4B	Z	-2.306	-2.306	0	%100
109	MP3B	X	-1.332	-1.332	0	%100
110	MP3B	Z	-2.306	-2.306	0	%100
111	MP2B	X	-1.474	-1.474	0	%100
112	MP2B	Z	-2.554	-2.554	0	%100
113	MP1B	X	-1.332	-1.332	0	%100
114	MP1B	Z	-2.306	-2.306	0	%100
115	OVP	X	-1.096	-1.096	0	%100
116	OVP	Z	-1.898	-1.898	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	M20	X	0	0	0	%100
2	M20	Z	-.719	-.719	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-.673	-.673	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-.673	-.673	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	-1.233	-1.233	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-.168	-.168	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-.168	-.168	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-.314	-.314	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-.325	-.325	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	-.314	-.314	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-.325	-.325	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	-.488	-.488	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	-.488	-.488	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-.488	-.488	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	-.591	-.591	0	%100
35	MP1A	X	0	0	0	%100
36	MP1A	Z	-.488	-.488	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	-.541	-.541	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-.168	-.168	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-.168	-.168	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.308	-.308	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	-.168	-.168	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-.671	-.671	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-.93	-.93	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-1.256	-1.256	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	-1.301	-1.301	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	-.93	-.93	0	%100
57	M55	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	M55	Z	-.314	-.314	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-.325	-.325	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	-.541	-.541	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.168	-.168	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.168	-.168	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-.308	-.308	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.671	-.671	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-.168	-.168	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-.93	-.93	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-.314	-.314	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	-.325	-.325	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	-.93	-.93	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	-1.256	-1.256	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	-1.301	-1.301	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	-.14	-.14	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	-.14	-.14	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	-.561	-.561	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-.18	-.18	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.122	-.122	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-.18	-.18	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	-.122	-.122	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-.488	-.488	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	-.488	-.488	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	-.591	-.591	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	-.488	-.488	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-.488	-.488	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	-.488	-.488	0	%100
111	MP2B	X	0	0	0	%100
112	MP2B	Z	-.591	-.591	0	%100
113	MP1B	X	0	0	0	%100
114	MP1B	Z	-.488	-.488	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,%]
115	OVP	X	0	0	0	%100
116	OVP	Z	-.399	-.399	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	M20	X	.27	.27	0	%100
2	M20	Z	-.467	-.467	0	%100
3	M72A	X	.09	.09	0	%100
4	M72A	Z	-.156	-.156	0	%100
5	M73	X	.252	.252	0	%100
6	M73	Z	-.437	-.437	0	%100
7	M74	X	.252	.252	0	%100
8	M74	Z	-.437	-.437	0	%100
9	M75	X	.462	.462	0	%100
10	M75	Z	-.801	-.801	0	%100
11	M78	X	.252	.252	0	%100
12	M78	Z	-.436	-.436	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	.155	.155	0	%100
16	M84	Z	-.269	-.269	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	.155	.155	0	%100
22	M89A	Z	-.269	-.269	0	%100
23	M90A	X	.471	.471	0	%100
24	M90A	Z	-.816	-.816	0	%100
25	M92	X	.488	.488	0	%100
26	M92	Z	-.845	-.845	0	%100
27	M70A	X	.183	.183	0	%100
28	M70A	Z	-.317	-.317	0	%100
29	MP4A	X	.244	.244	0	%100
30	MP4A	Z	-.423	-.423	0	%100
31	MP3A	X	.244	.244	0	%100
32	MP3A	Z	-.423	-.423	0	%100
33	MP2A	X	.295	.295	0	%100
34	MP2A	Z	-.512	-.512	0	%100
35	MP1A	X	.244	.244	0	%100
36	MP1A	Z	-.423	-.423	0	%100
37	M37	X	.09	.09	0	%100
38	M37	Z	-.156	-.156	0	%100
39	M38	X	.252	.252	0	%100
40	M38	Z	-.437	-.437	0	%100
41	M39	X	.252	.252	0	%100
42	M39	Z	-.437	-.437	0	%100
43	M40	X	.462	.462	0	%100
44	M40	Z	-.801	-.801	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	.252	.252	0	%100
48	M44	Z	-.436	-.436	0	%100
49	M49	X	.155	.155	0	%100
50	M49	Z	-.269	-.269	0	%100
51	M50	X	.471	.471	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,%]
52	M50	Z	-.816	-.816	0	%100
53	M52	X	.488	.488	0	%100
54	M52	Z	-.845	-.845	0	%100
55	M54	X	.155	.155	0	%100
56	M54	Z	-.269	-.269	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	.361	.361	0	%100
62	M59	Z	-.625	-.625	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	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	.252	.252	0	%100
70	M65	Z	-.436	-.436	0	%100
71	M66	X	.252	.252	0	%100
72	M66	Z	-.436	-.436	0	%100
73	M71	X	.62	.62	0	%100
74	M71	Z	-1.074	-1.074	0	%100
75	M72	X	.471	.471	0	%100
76	M72	Z	-.816	-.816	0	%100
77	M74B	X	.488	.488	0	%100
78	M74B	Z	-.845	-.845	0	%100
79	M76B	X	.62	.62	0	%100
80	M76B	Z	-1.074	-1.074	0	%100
81	M77B	X	.471	.471	0	%100
82	M77B	Z	-.816	-.816	0	%100
83	M79B	X	.488	.488	0	%100
84	M79B	Z	-.845	-.845	0	%100
85	M115	X	.21	.21	0	%100
86	M115	Z	-.364	-.364	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	.21	.21	0	%100
90	M117	Z	-.364	-.364	0	%100
91	M90	X	.27	.27	0	%100
92	M90	Z	-.467	-.467	0	%100
93	M91A	X	.183	.183	0	%100
94	M91A	Z	-.317	-.317	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	.244	.244	0	%100
100	MP4C	Z	-.423	-.423	0	%100
101	MP3C	X	.244	.244	0	%100
102	MP3C	Z	-.423	-.423	0	%100
103	MP2C	X	.295	.295	0	%100
104	MP2C	Z	-.512	-.512	0	%100
105	MP1C	X	.244	.244	0	%100
106	MP1C	Z	-.423	-.423	0	%100
107	MP4B	X	.244	.244	0	%100
108	MP4B	Z	-.423	-.423	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,%]
109	MP3B	X	.244	.244	0	%100
110	MP3B	Z	-.423	-.423	0	%100
111	MP2B	X	.295	.295	0	%100
112	MP2B	Z	-.512	-.512	0	%100
113	MP1B	X	.244	.244	0	%100
114	MP1B	Z	-.423	-.423	0	%100
115	OVP	X	.2	.2	0	%100
116	OVP	Z	-.346	-.346	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	M20	X	.156	.156	0	%100
2	M20	Z	-.09	-.09	0	%100
3	M72A	X	.468	.468	0	%100
4	M72A	Z	-.27	-.27	0	%100
5	M73	X	.146	.146	0	%100
6	M73	Z	-.084	-.084	0	%100
7	M74	X	.146	.146	0	%100
8	M74	Z	-.084	-.084	0	%100
9	M75	X	.267	.267	0	%100
10	M75	Z	-.154	-.154	0	%100
11	M78	X	.581	.581	0	%100
12	M78	Z	-.336	-.336	0	%100
13	M79	X	.145	.145	0	%100
14	M79	Z	-.084	-.084	0	%100
15	M84	X	.806	.806	0	%100
16	M84	Z	-.465	-.465	0	%100
17	M85	X	.272	.272	0	%100
18	M85	Z	-.157	-.157	0	%100
19	M87A	X	.282	.282	0	%100
20	M87A	Z	-.163	-.163	0	%100
21	M89A	X	.806	.806	0	%100
22	M89A	Z	-.465	-.465	0	%100
23	M90A	X	1.087	1.087	0	%100
24	M90A	Z	-.628	-.628	0	%100
25	M92	X	1.127	1.127	0	%100
26	M92	Z	-.651	-.651	0	%100
27	M70A	X	.106	.106	0	%100
28	M70A	Z	-.061	-.061	0	%100
29	MP4A	X	.423	.423	0	%100
30	MP4A	Z	-.244	-.244	0	%100
31	MP3A	X	.423	.423	0	%100
32	MP3A	Z	-.244	-.244	0	%100
33	MP2A	X	.512	.512	0	%100
34	MP2A	Z	-.295	-.295	0	%100
35	MP1A	X	.423	.423	0	%100
36	MP1A	Z	-.244	-.244	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	.583	.583	0	%100
40	M38	Z	-.337	-.337	0	%100
41	M39	X	.583	.583	0	%100
42	M39	Z	-.337	-.337	0	%100
43	M40	X	1.068	1.068	0	%100
44	M40	Z	-.616	-.616	0	%100
45	M43	X	.145	.145	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,%]
46	M43	Z	-.084	-.084	0	%100
47	M44	X	.145	.145	0	%100
48	M44	Z	-.084	-.084	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	.272	.272	0	%100
52	M50	Z	-.157	-.157	0	%100
53	M52	X	.282	.282	0	%100
54	M52	Z	-.163	-.163	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	.272	.272	0	%100
58	M55	Z	-.157	-.157	0	%100
59	M57	X	.282	.282	0	%100
60	M57	Z	-.163	-.163	0	%100
61	M59	X	.468	.468	0	%100
62	M59	Z	-.27	-.27	0	%100
63	M60	X	.146	.146	0	%100
64	M60	Z	-.084	-.084	0	%100
65	M61	X	.146	.146	0	%100
66	M61	Z	-.084	-.084	0	%100
67	M62	X	.267	.267	0	%100
68	M62	Z	-.154	-.154	0	%100
69	M65	X	.145	.145	0	%100
70	M65	Z	-.084	-.084	0	%100
71	M66	X	.581	.581	0	%100
72	M66	Z	-.336	-.336	0	%100
73	M71	X	.806	.806	0	%100
74	M71	Z	-.465	-.465	0	%100
75	M72	X	1.087	1.087	0	%100
76	M72	Z	-.628	-.628	0	%100
77	M74B	X	1.127	1.127	0	%100
78	M74B	Z	-.651	-.651	0	%100
79	M76B	X	.806	.806	0	%100
80	M76B	Z	-.465	-.465	0	%100
81	M77B	X	.272	.272	0	%100
82	M77B	Z	-.157	-.157	0	%100
83	M79B	X	.282	.282	0	%100
84	M79B	Z	-.163	-.163	0	%100
85	M115	X	.486	.486	0	%100
86	M115	Z	-.281	-.281	0	%100
87	M116	X	.121	.121	0	%100
88	M116	Z	-.07	-.07	0	%100
89	M117	X	.121	.121	0	%100
90	M117	Z	-.07	-.07	0	%100
91	M90	X	.623	.623	0	%100
92	M90	Z	-.36	-.36	0	%100
93	M91A	X	.423	.423	0	%100
94	M91A	Z	-.244	-.244	0	%100
95	M92A	X	.156	.156	0	%100
96	M92A	Z	-.09	-.09	0	%100
97	M93	X	.106	.106	0	%100
98	M93	Z	-.061	-.061	0	%100
99	MP4C	X	.423	.423	0	%100
100	MP4C	Z	-.244	-.244	0	%100
101	MP3C	X	.423	.423	0	%100
102	MP3C	Z	-.244	-.244	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,%]
103	MP2C	X	.512	.512	0	%100
104	MP2C	Z	-.295	-.295	0	%100
105	MP1C	X	.423	.423	0	%100
106	MP1C	Z	-.244	-.244	0	%100
107	MP4B	X	.423	.423	0	%100
108	MP4B	Z	-.244	-.244	0	%100
109	MP3B	X	.423	.423	0	%100
110	MP3B	Z	-.244	-.244	0	%100
111	MP2B	X	.512	.512	0	%100
112	MP2B	Z	-.295	-.295	0	%100
113	MP1B	X	.423	.423	0	%100
114	MP1B	Z	-.244	-.244	0	%100
115	OVP	X	.346	.346	0	%100
116	OVP	Z	-.2	-.2	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	.721	.721	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	.503	.503	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	.503	.503	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	1.24	1.24	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	.942	.942	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	.976	.976	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	1.24	1.24	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	.942	.942	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	.976	.976	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	0	0	0	%100
29	MP4A	X	.488	.488	0	%100
30	MP4A	Z	0	0	0	%100
31	MP3A	X	.488	.488	0	%100
32	MP3A	Z	0	0	0	%100
33	MP2A	X	.591	.591	0	%100
34	MP2A	Z	0	0	0	%100
35	MP1A	X	.488	.488	0	%100
36	MP1A	Z	0	0	0	%100
37	M37	X	.18	.18	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	.505	.505	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,%]
40	M38	Z	0	0	0	%100
41	M39	X	.505	.505	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	.925	.925	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	.503	.503	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.31	.31	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	.31	.31	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	.942	.942	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	.976	.976	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	.18	.18	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	.505	.505	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	.505	.505	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	.925	.925	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	.503	.503	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	.31	.31	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	.942	.942	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	.976	.976	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	.31	.31	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	0	0	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	0	0	0	%100
85	M115	X	.421	.421	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	.421	.421	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	0	0	0	%100
91	M90	X	.539	.539	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	.366	.366	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	.539	.539	0	%100
96	M92A	Z	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,%]
97	M93	X	.366	.366	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	.488	.488	0	%100
100	MP4C	Z	0	0	0	%100
101	MP3C	X	.488	.488	0	%100
102	MP3C	Z	0	0	0	%100
103	MP2C	X	.591	.591	0	%100
104	MP2C	Z	0	0	0	%100
105	MP1C	X	.488	.488	0	%100
106	MP1C	Z	0	0	0	%100
107	MP4B	X	.488	.488	0	%100
108	MP4B	Z	0	0	0	%100
109	MP3B	X	.488	.488	0	%100
110	MP3B	Z	0	0	0	%100
111	MP2B	X	.591	.591	0	%100
112	MP2B	Z	0	0	0	%100
113	MP1B	X	.488	.488	0	%100
114	MP1B	Z	0	0	0	%100
115	OVP	X	.399	.399	0	%100
116	OVP	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	M20	X	.156	.156	0	%100
2	M20	Z	.09	.09	0	%100
3	M72A	X	.468	.468	0	%100
4	M72A	Z	.27	.27	0	%100
5	M73	X	.146	.146	0	%100
6	M73	Z	.084	.084	0	%100
7	M74	X	.146	.146	0	%100
8	M74	Z	.084	.084	0	%100
9	M75	X	.267	.267	0	%100
10	M75	Z	.154	.154	0	%100
11	M78	X	.145	.145	0	%100
12	M78	Z	.084	.084	0	%100
13	M79	X	.581	.581	0	%100
14	M79	Z	.336	.336	0	%100
15	M84	X	.806	.806	0	%100
16	M84	Z	.465	.465	0	%100
17	M85	X	1.087	1.087	0	%100
18	M85	Z	.628	.628	0	%100
19	M87A	X	1.127	1.127	0	%100
20	M87A	Z	.651	.651	0	%100
21	M89A	X	.806	.806	0	%100
22	M89A	Z	.465	.465	0	%100
23	M90A	X	.272	.272	0	%100
24	M90A	Z	.157	.157	0	%100
25	M92	X	.282	.282	0	%100
26	M92	Z	.163	.163	0	%100
27	M70A	X	.106	.106	0	%100
28	M70A	Z	.061	.061	0	%100
29	MP4A	X	.423	.423	0	%100
30	MP4A	Z	.244	.244	0	%100
31	MP3A	X	.423	.423	0	%100
32	MP3A	Z	.244	.244	0	%100
33	MP2A	X	.512	.512	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,%]
34	MP2A	Z	.295	.295	0	%100
35	MP1A	X	.423	.423	0	%100
36	MP1A	Z	.244	.244	0	%100
37	M37	X	.468	.468	0	%100
38	M37	Z	.27	.27	0	%100
39	M38	X	.146	.146	0	%100
40	M38	Z	.084	.084	0	%100
41	M39	X	.146	.146	0	%100
42	M39	Z	.084	.084	0	%100
43	M40	X	.267	.267	0	%100
44	M40	Z	.154	.154	0	%100
45	M43	X	.581	.581	0	%100
46	M43	Z	.336	.336	0	%100
47	M44	X	.145	.145	0	%100
48	M44	Z	.084	.084	0	%100
49	M49	X	.806	.806	0	%100
50	M49	Z	.465	.465	0	%100
51	M50	X	.272	.272	0	%100
52	M50	Z	.157	.157	0	%100
53	M52	X	.282	.282	0	%100
54	M52	Z	.163	.163	0	%100
55	M54	X	.806	.806	0	%100
56	M54	Z	.465	.465	0	%100
57	M55	X	1.087	1.087	0	%100
58	M55	Z	.628	.628	0	%100
59	M57	X	1.127	1.127	0	%100
60	M57	Z	.651	.651	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	.583	.583	0	%100
64	M60	Z	.337	.337	0	%100
65	M61	X	.583	.583	0	%100
66	M61	Z	.337	.337	0	%100
67	M62	X	1.068	1.068	0	%100
68	M62	Z	.616	.616	0	%100
69	M65	X	.145	.145	0	%100
70	M65	Z	.084	.084	0	%100
71	M66	X	.145	.145	0	%100
72	M66	Z	.084	.084	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	.272	.272	0	%100
76	M72	Z	.157	.157	0	%100
77	M74B	X	.282	.282	0	%100
78	M74B	Z	.163	.163	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	.272	.272	0	%100
82	M77B	Z	.157	.157	0	%100
83	M79B	X	.282	.282	0	%100
84	M79B	Z	.163	.163	0	%100
85	M115	X	.121	.121	0	%100
86	M115	Z	.07	.07	0	%100
87	M116	X	.486	.486	0	%100
88	M116	Z	.281	.281	0	%100
89	M117	X	.121	.121	0	%100
90	M117	Z	.07	.07	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,%]
91	M90	X	.156	.156	0	%100
92	M90	Z	.09	.09	0	%100
93	M91A	X	.106	.106	0	%100
94	M91A	Z	.061	.061	0	%100
95	M92A	X	.623	.623	0	%100
96	M92A	Z	.36	.36	0	%100
97	M93	X	.423	.423	0	%100
98	M93	Z	.244	.244	0	%100
99	MP4C	X	.423	.423	0	%100
100	MP4C	Z	.244	.244	0	%100
101	MP3C	X	.423	.423	0	%100
102	MP3C	Z	.244	.244	0	%100
103	MP2C	X	.512	.512	0	%100
104	MP2C	Z	.295	.295	0	%100
105	MP1C	X	.423	.423	0	%100
106	MP1C	Z	.244	.244	0	%100
107	MP4B	X	.423	.423	0	%100
108	MP4B	Z	.244	.244	0	%100
109	MP3B	X	.423	.423	0	%100
110	MP3B	Z	.244	.244	0	%100
111	MP2B	X	.512	.512	0	%100
112	MP2B	Z	.295	.295	0	%100
113	MP1B	X	.423	.423	0	%100
114	MP1B	Z	.244	.244	0	%100
115	OVP	X	.346	.346	0	%100
116	OVP	Z	.2	.2	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	M20	X	.27	.27	0	%100
2	M20	Z	.467	.467	0	%100
3	M72A	X	.09	.09	0	%100
4	M72A	Z	.156	.156	0	%100
5	M73	X	.252	.252	0	%100
6	M73	Z	.437	.437	0	%100
7	M74	X	.252	.252	0	%100
8	M74	Z	.437	.437	0	%100
9	M75	X	.462	.462	0	%100
10	M75	Z	.801	.801	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	.252	.252	0	%100
14	M79	Z	.436	.436	0	%100
15	M84	X	.155	.155	0	%100
16	M84	Z	.269	.269	0	%100
17	M85	X	.471	.471	0	%100
18	M85	Z	.816	.816	0	%100
19	M87A	X	.488	.488	0	%100
20	M87A	Z	.845	.845	0	%100
21	M89A	X	.155	.155	0	%100
22	M89A	Z	.269	.269	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	.183	.183	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,%]
28	M70A	Z	.317	.317	0	%100
29	MP4A	X	.244	.244	0	%100
30	MP4A	Z	.423	.423	0	%100
31	MP3A	X	.244	.244	0	%100
32	MP3A	Z	.423	.423	0	%100
33	MP2A	X	.295	.295	0	%100
34	MP2A	Z	.512	.512	0	%100
35	MP1A	X	.244	.244	0	%100
36	MP1A	Z	.423	.423	0	%100
37	M37	X	.361	.361	0	%100
38	M37	Z	.625	.625	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	.252	.252	0	%100
46	M43	Z	.436	.436	0	%100
47	M44	X	.252	.252	0	%100
48	M44	Z	.436	.436	0	%100
49	M49	X	.62	.62	0	%100
50	M49	Z	1.074	1.074	0	%100
51	M50	X	.471	.471	0	%100
52	M50	Z	.816	.816	0	%100
53	M52	X	.488	.488	0	%100
54	M52	Z	.845	.845	0	%100
55	M54	X	.62	.62	0	%100
56	M54	Z	1.074	1.074	0	%100
57	M55	X	.471	.471	0	%100
58	M55	Z	.816	.816	0	%100
59	M57	X	.488	.488	0	%100
60	M57	Z	.845	.845	0	%100
61	M59	X	.09	.09	0	%100
62	M59	Z	.156	.156	0	%100
63	M60	X	.252	.252	0	%100
64	M60	Z	.437	.437	0	%100
65	M61	X	.252	.252	0	%100
66	M61	Z	.437	.437	0	%100
67	M62	X	.462	.462	0	%100
68	M62	Z	.801	.801	0	%100
69	M65	X	.252	.252	0	%100
70	M65	Z	.436	.436	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	.155	.155	0	%100
74	M71	Z	.269	.269	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	.155	.155	0	%100
80	M76B	Z	.269	.269	0	%100
81	M77B	X	.471	.471	0	%100
82	M77B	Z	.816	.816	0	%100
83	M79B	X	.488	.488	0	%100
84	M79B	Z	.845	.845	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,%]
85	M115	X	0	0	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	.21	.21	0	%100
88	M116	Z	.364	.364	0	%100
89	M117	X	.21	.21	0	%100
90	M117	Z	.364	.364	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	.27	.27	0	%100
96	M92A	Z	.467	.467	0	%100
97	M93	X	.183	.183	0	%100
98	M93	Z	.317	.317	0	%100
99	MP4C	X	.244	.244	0	%100
100	MP4C	Z	.423	.423	0	%100
101	MP3C	X	.244	.244	0	%100
102	MP3C	Z	.423	.423	0	%100
103	MP2C	X	.295	.295	0	%100
104	MP2C	Z	.512	.512	0	%100
105	MP1C	X	.244	.244	0	%100
106	MP1C	Z	.423	.423	0	%100
107	MP4B	X	.244	.244	0	%100
108	MP4B	Z	.423	.423	0	%100
109	MP3B	X	.244	.244	0	%100
110	MP3B	Z	.423	.423	0	%100
111	MP2B	X	.295	.295	0	%100
112	MP2B	Z	.512	.512	0	%100
113	MP1B	X	.244	.244	0	%100
114	MP1B	Z	.423	.423	0	%100
115	OVP	X	.2	.2	0	%100
116	OVP	Z	.346	.346	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	M20	X	0	0	0	%100
2	M20	Z	.719	.719	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	.673	.673	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	.673	.673	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	1.233	1.233	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	.168	.168	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	.168	.168	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	.314	.314	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	.325	.325	0	%100
21	M89A	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,%]
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	.314	.314	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	.325	.325	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	.488	.488	0	%100
29	MP4A	X	0	0	0	%100
30	MP4A	Z	.488	.488	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	.488	.488	0	%100
33	MP2A	X	0	0	0	%100
34	MP2A	Z	.591	.591	0	%100
35	MP1A	X	0	0	0	%100
36	MP1A	Z	.488	.488	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	.541	.541	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	.168	.168	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.168	.168	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.308	.308	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	.168	.168	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	.671	.671	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	.93	.93	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	1.256	1.256	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	1.301	1.301	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	.93	.93	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	.314	.314	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	.325	.325	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	.541	.541	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.168	.168	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.168	.168	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	.308	.308	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.671	.671	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	.168	.168	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	.93	.93	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	.314	.314	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	.325	.325	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,%]
79	M76B	X	0	0	0	%100
80	M76B	Z	.93	.93	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	1.256	1.256	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	1.301	1.301	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	.14	.14	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	.14	.14	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	.561	.561	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	.18	.18	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.122	.122	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	.18	.18	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	.122	.122	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	.488	.488	0	%100
101	MP3C	X	0	0	0	%100
102	MP3C	Z	.488	.488	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	.591	.591	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	.488	.488	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	.488	.488	0	%100
109	MP3B	X	0	0	0	%100
110	MP3B	Z	.488	.488	0	%100
111	MP2B	X	0	0	0	%100
112	MP2B	Z	.591	.591	0	%100
113	MP1B	X	0	0	0	%100
114	MP1B	Z	.488	.488	0	%100
115	OVP	X	0	0	0	%100
116	OVP	Z	.399	.399	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	M20	X	-.27	-.27	0	%100
2	M20	Z	.467	.467	0	%100
3	M72A	X	-.09	-.09	0	%100
4	M72A	Z	.156	.156	0	%100
5	M73	X	-.252	-.252	0	%100
6	M73	Z	.437	.437	0	%100
7	M74	X	-.252	-.252	0	%100
8	M74	Z	.437	.437	0	%100
9	M75	X	-.462	-.462	0	%100
10	M75	Z	.801	.801	0	%100
11	M78	X	-.252	-.252	0	%100
12	M78	Z	.436	.436	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-.155	-.155	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,%]
16	M84	Z	.269	.269	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-.155	-.155	0	%100
22	M89A	Z	.269	.269	0	%100
23	M90A	X	-.471	-.471	0	%100
24	M90A	Z	.816	.816	0	%100
25	M92	X	-.488	-.488	0	%100
26	M92	Z	.845	.845	0	%100
27	M70A	X	-.183	-.183	0	%100
28	M70A	Z	.317	.317	0	%100
29	MP4A	X	-.244	-.244	0	%100
30	MP4A	Z	.423	.423	0	%100
31	MP3A	X	-.244	-.244	0	%100
32	MP3A	Z	.423	.423	0	%100
33	MP2A	X	-.295	-.295	0	%100
34	MP2A	Z	.512	.512	0	%100
35	MP1A	X	-.244	-.244	0	%100
36	MP1A	Z	.423	.423	0	%100
37	M37	X	-.09	-.09	0	%100
38	M37	Z	.156	.156	0	%100
39	M38	X	-.252	-.252	0	%100
40	M38	Z	.437	.437	0	%100
41	M39	X	-.252	-.252	0	%100
42	M39	Z	.437	.437	0	%100
43	M40	X	-.462	-.462	0	%100
44	M40	Z	.801	.801	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	-.252	-.252	0	%100
48	M44	Z	.436	.436	0	%100
49	M49	X	-.155	-.155	0	%100
50	M49	Z	.269	.269	0	%100
51	M50	X	-.471	-.471	0	%100
52	M50	Z	.816	.816	0	%100
53	M52	X	-.488	-.488	0	%100
54	M52	Z	.845	.845	0	%100
55	M54	X	-.155	-.155	0	%100
56	M54	Z	.269	.269	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-.361	-.361	0	%100
62	M59	Z	.625	.625	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	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	-.252	-.252	0	%100
70	M65	Z	.436	.436	0	%100
71	M66	X	-.252	-.252	0	%100
72	M66	Z	.436	.436	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,%]
73	M71	X	-.62	-.62	0	%100
74	M71	Z	1.074	1.074	0	%100
75	M72	X	-.471	-.471	0	%100
76	M72	Z	.816	.816	0	%100
77	M74B	X	-.488	-.488	0	%100
78	M74B	Z	.845	.845	0	%100
79	M76B	X	-.62	-.62	0	%100
80	M76B	Z	1.074	1.074	0	%100
81	M77B	X	-.471	-.471	0	%100
82	M77B	Z	.816	.816	0	%100
83	M79B	X	-.488	-.488	0	%100
84	M79B	Z	.845	.845	0	%100
85	M115	X	-.21	-.21	0	%100
86	M115	Z	.364	.364	0	%100
87	M116	X	0	0	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	-.21	-.21	0	%100
90	M117	Z	.364	.364	0	%100
91	M90	X	-.27	-.27	0	%100
92	M90	Z	.467	.467	0	%100
93	M91A	X	-.183	-.183	0	%100
94	M91A	Z	.317	.317	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	0	0	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	-.244	-.244	0	%100
100	MP4C	Z	.423	.423	0	%100
101	MP3C	X	-.244	-.244	0	%100
102	MP3C	Z	.423	.423	0	%100
103	MP2C	X	-.295	-.295	0	%100
104	MP2C	Z	.512	.512	0	%100
105	MP1C	X	-.244	-.244	0	%100
106	MP1C	Z	.423	.423	0	%100
107	MP4B	X	-.244	-.244	0	%100
108	MP4B	Z	.423	.423	0	%100
109	MP3B	X	-.244	-.244	0	%100
110	MP3B	Z	.423	.423	0	%100
111	MP2B	X	-.295	-.295	0	%100
112	MP2B	Z	.512	.512	0	%100
113	MP1B	X	-.244	-.244	0	%100
114	MP1B	Z	.423	.423	0	%100
115	OVP	X	-.2	-.2	0	%100
116	OVP	Z	.346	.346	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	M20	X	-.156	-.156	0	%100
2	M20	Z	.09	.09	0	%100
3	M72A	X	-.468	-.468	0	%100
4	M72A	Z	.27	.27	0	%100
5	M73	X	-.146	-.146	0	%100
6	M73	Z	.084	.084	0	%100
7	M74	X	-.146	-.146	0	%100
8	M74	Z	.084	.084	0	%100
9	M75	X	-.267	-.267	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,%]
10	M75	Z	.154	.154	0	%100
11	M78	X	-.581	-.581	0	%100
12	M78	Z	.336	.336	0	%100
13	M79	X	-.145	-.145	0	%100
14	M79	Z	.084	.084	0	%100
15	M84	X	-.806	-.806	0	%100
16	M84	Z	.465	.465	0	%100
17	M85	X	-.272	-.272	0	%100
18	M85	Z	.157	.157	0	%100
19	M87A	X	-.282	-.282	0	%100
20	M87A	Z	.163	.163	0	%100
21	M89A	X	-.806	-.806	0	%100
22	M89A	Z	.465	.465	0	%100
23	M90A	X	-1.087	-1.087	0	%100
24	M90A	Z	.628	.628	0	%100
25	M92	X	-1.127	-1.127	0	%100
26	M92	Z	.651	.651	0	%100
27	M70A	X	-.106	-.106	0	%100
28	M70A	Z	.061	.061	0	%100
29	MP4A	X	-.423	-.423	0	%100
30	MP4A	Z	.244	.244	0	%100
31	MP3A	X	-.423	-.423	0	%100
32	MP3A	Z	.244	.244	0	%100
33	MP2A	X	-.512	-.512	0	%100
34	MP2A	Z	.295	.295	0	%100
35	MP1A	X	-.423	-.423	0	%100
36	MP1A	Z	.244	.244	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-.583	-.583	0	%100
40	M38	Z	.337	.337	0	%100
41	M39	X	-.583	-.583	0	%100
42	M39	Z	.337	.337	0	%100
43	M40	X	-1.068	-1.068	0	%100
44	M40	Z	.616	.616	0	%100
45	M43	X	-.145	-.145	0	%100
46	M43	Z	.084	.084	0	%100
47	M44	X	-.145	-.145	0	%100
48	M44	Z	.084	.084	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-.272	-.272	0	%100
52	M50	Z	.157	.157	0	%100
53	M52	X	-.282	-.282	0	%100
54	M52	Z	.163	.163	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-.272	-.272	0	%100
58	M55	Z	.157	.157	0	%100
59	M57	X	-.282	-.282	0	%100
60	M57	Z	.163	.163	0	%100
61	M59	X	-.468	-.468	0	%100
62	M59	Z	.27	.27	0	%100
63	M60	X	-.146	-.146	0	%100
64	M60	Z	.084	.084	0	%100
65	M61	X	-.146	-.146	0	%100
66	M61	Z	.084	.084	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,%]
67	M62	X	-.267	-.267	0	%100
68	M62	Z	.154	.154	0	%100
69	M65	X	-.145	-.145	0	%100
70	M65	Z	.084	.084	0	%100
71	M66	X	-.581	-.581	0	%100
72	M66	Z	.336	.336	0	%100
73	M71	X	-.806	-.806	0	%100
74	M71	Z	.465	.465	0	%100
75	M72	X	-1.087	-1.087	0	%100
76	M72	Z	.628	.628	0	%100
77	M74B	X	-1.127	-1.127	0	%100
78	M74B	Z	.651	.651	0	%100
79	M76B	X	-.806	-.806	0	%100
80	M76B	Z	.465	.465	0	%100
81	M77B	X	-.272	-.272	0	%100
82	M77B	Z	.157	.157	0	%100
83	M79B	X	-.282	-.282	0	%100
84	M79B	Z	.163	.163	0	%100
85	M115	X	-.486	-.486	0	%100
86	M115	Z	.281	.281	0	%100
87	M116	X	-.121	-.121	0	%100
88	M116	Z	.07	.07	0	%100
89	M117	X	-.121	-.121	0	%100
90	M117	Z	.07	.07	0	%100
91	M90	X	-.623	-.623	0	%100
92	M90	Z	.36	.36	0	%100
93	M91A	X	-.423	-.423	0	%100
94	M91A	Z	.244	.244	0	%100
95	M92A	X	-.156	-.156	0	%100
96	M92A	Z	.09	.09	0	%100
97	M93	X	-.106	-.106	0	%100
98	M93	Z	.061	.061	0	%100
99	MP4C	X	-.423	-.423	0	%100
100	MP4C	Z	.244	.244	0	%100
101	MP3C	X	-.423	-.423	0	%100
102	MP3C	Z	.244	.244	0	%100
103	MP2C	X	-.512	-.512	0	%100
104	MP2C	Z	.295	.295	0	%100
105	MP1C	X	-.423	-.423	0	%100
106	MP1C	Z	.244	.244	0	%100
107	MP4B	X	-.423	-.423	0	%100
108	MP4B	Z	.244	.244	0	%100
109	MP3B	X	-.423	-.423	0	%100
110	MP3B	Z	.244	.244	0	%100
111	MP2B	X	-.512	-.512	0	%100
112	MP2B	Z	.295	.295	0	%100
113	MP1B	X	-.423	-.423	0	%100
114	MP1B	Z	.244	.244	0	%100
115	OVP	X	-.346	-.346	0	%100
116	OVP	Z	.2	.2	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-.721	-.721	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,%]
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-.503	-.503	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-.503	-.503	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-1.24	-1.24	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-.942	-.942	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-.976	-.976	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-1.24	-1.24	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-.942	-.942	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-.976	-.976	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	0	0	0	%100
28	M70A	Z	0	0	0	%100
29	MP4A	X	-.488	-.488	0	%100
30	MP4A	Z	0	0	0	%100
31	MP3A	X	-.488	-.488	0	%100
32	MP3A	Z	0	0	0	%100
33	MP2A	X	-.591	-.591	0	%100
34	MP2A	Z	0	0	0	%100
35	MP1A	X	-.488	-.488	0	%100
36	MP1A	Z	0	0	0	%100
37	M37	X	-.18	-.18	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-.505	-.505	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-.505	-.505	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	-.925	-.925	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-.503	-.503	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.31	-.31	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	-.31	-.31	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-.942	-.942	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	-.976	-.976	0	%100
60	M57	Z	0	0	0	%100

Member Distributed Loads (BLC 74 : Structure Wm (270 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M59	X	-.18	-.18	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-.505	-.505	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-.505	-.505	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	-.925	-.925	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	-.503	-.503	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-.31	-.31	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-.942	-.942	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	-.976	-.976	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	-.31	-.31	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	0	0	0	%100
82	M77B	Z	0	0	0	%100
83	M79B	X	0	0	0	%100
84	M79B	Z	0	0	0	%100
85	M115	X	-.421	-.421	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	-.421	-.421	0	%100
88	M116	Z	0	0	0	%100
89	M117	X	0	0	0	%100
90	M117	Z	0	0	0	%100
91	M90	X	-.539	-.539	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	-.366	-.366	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	-.539	-.539	0	%100
96	M92A	Z	0	0	0	%100
97	M93	X	-.366	-.366	0	%100
98	M93	Z	0	0	0	%100
99	MP4C	X	-.488	-.488	0	%100
100	MP4C	Z	0	0	0	%100
101	MP3C	X	-.488	-.488	0	%100
102	MP3C	Z	0	0	0	%100
103	MP2C	X	-.591	-.591	0	%100
104	MP2C	Z	0	0	0	%100
105	MP1C	X	-.488	-.488	0	%100
106	MP1C	Z	0	0	0	%100
107	MP4B	X	-.488	-.488	0	%100
108	MP4B	Z	0	0	0	%100
109	MP3B	X	-.488	-.488	0	%100
110	MP3B	Z	0	0	0	%100
111	MP2B	X	-.591	-.591	0	%100
112	MP2B	Z	0	0	0	%100
113	MP1B	X	-.488	-.488	0	%100
114	MP1B	Z	0	0	0	%100
115	OVP	X	-.399	-.399	0	%100
116	OVP	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	M20	X	-.156	-.156	0	%100
2	M20	Z	-.09	-.09	0	%100
3	M72A	X	-.468	-.468	0	%100
4	M72A	Z	-.27	-.27	0	%100
5	M73	X	-.146	-.146	0	%100
6	M73	Z	-.084	-.084	0	%100
7	M74	X	-.146	-.146	0	%100
8	M74	Z	-.084	-.084	0	%100
9	M75	X	-.267	-.267	0	%100
10	M75	Z	-.154	-.154	0	%100
11	M78	X	-.145	-.145	0	%100
12	M78	Z	-.084	-.084	0	%100
13	M79	X	-.581	-.581	0	%100
14	M79	Z	-.336	-.336	0	%100
15	M84	X	-.806	-.806	0	%100
16	M84	Z	-.465	-.465	0	%100
17	M85	X	-1.087	-1.087	0	%100
18	M85	Z	-.628	-.628	0	%100
19	M87A	X	-1.127	-1.127	0	%100
20	M87A	Z	-.651	-.651	0	%100
21	M89A	X	-.806	-.806	0	%100
22	M89A	Z	-.465	-.465	0	%100
23	M90A	X	-.272	-.272	0	%100
24	M90A	Z	-.157	-.157	0	%100
25	M92	X	-.282	-.282	0	%100
26	M92	Z	-.163	-.163	0	%100
27	M70A	X	-.106	-.106	0	%100
28	M70A	Z	-.061	-.061	0	%100
29	MP4A	X	-.423	-.423	0	%100
30	MP4A	Z	-.244	-.244	0	%100
31	MP3A	X	-.423	-.423	0	%100
32	MP3A	Z	-.244	-.244	0	%100
33	MP2A	X	-.512	-.512	0	%100
34	MP2A	Z	-.295	-.295	0	%100
35	MP1A	X	-.423	-.423	0	%100
36	MP1A	Z	-.244	-.244	0	%100
37	M37	X	-.468	-.468	0	%100
38	M37	Z	-.27	-.27	0	%100
39	M38	X	-.146	-.146	0	%100
40	M38	Z	-.084	-.084	0	%100
41	M39	X	-.146	-.146	0	%100
42	M39	Z	-.084	-.084	0	%100
43	M40	X	-.267	-.267	0	%100
44	M40	Z	-.154	-.154	0	%100
45	M43	X	-.581	-.581	0	%100
46	M43	Z	-.336	-.336	0	%100
47	M44	X	-.145	-.145	0	%100
48	M44	Z	-.084	-.084	0	%100
49	M49	X	-.806	-.806	0	%100
50	M49	Z	-.465	-.465	0	%100
51	M50	X	-.272	-.272	0	%100
52	M50	Z	-.157	-.157	0	%100
53	M52	X	-.282	-.282	0	%100
54	M52	Z	-.163	-.163	0	%100
55	M54	X	-.806	-.806	0	%100
56	M54	Z	-.465	-.465	0	%100
57	M55	X	-1.087	-1.087	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	M55	Z	-.628	-.628	0	%100
59	M57	X	-1.127	-1.127	0	%100
60	M57	Z	-.651	-.651	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-.583	-.583	0	%100
64	M60	Z	-.337	-.337	0	%100
65	M61	X	-.583	-.583	0	%100
66	M61	Z	-.337	-.337	0	%100
67	M62	X	-1.068	-1.068	0	%100
68	M62	Z	-.616	-.616	0	%100
69	M65	X	-.145	-.145	0	%100
70	M65	Z	-.084	-.084	0	%100
71	M66	X	-.145	-.145	0	%100
72	M66	Z	-.084	-.084	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-.272	-.272	0	%100
76	M72	Z	-.157	-.157	0	%100
77	M74B	X	-.282	-.282	0	%100
78	M74B	Z	-.163	-.163	0	%100
79	M76B	X	0	0	0	%100
80	M76B	Z	0	0	0	%100
81	M77B	X	-.272	-.272	0	%100
82	M77B	Z	-.157	-.157	0	%100
83	M79B	X	-.282	-.282	0	%100
84	M79B	Z	-.163	-.163	0	%100
85	M115	X	-.121	-.121	0	%100
86	M115	Z	-.07	-.07	0	%100
87	M116	X	-.486	-.486	0	%100
88	M116	Z	-.281	-.281	0	%100
89	M117	X	-.121	-.121	0	%100
90	M117	Z	-.07	-.07	0	%100
91	M90	X	-.156	-.156	0	%100
92	M90	Z	-.09	-.09	0	%100
93	M91A	X	-.106	-.106	0	%100
94	M91A	Z	-.061	-.061	0	%100
95	M92A	X	-.623	-.623	0	%100
96	M92A	Z	-.36	-.36	0	%100
97	M93	X	-.423	-.423	0	%100
98	M93	Z	-.244	-.244	0	%100
99	MP4C	X	-.423	-.423	0	%100
100	MP4C	Z	-.244	-.244	0	%100
101	MP3C	X	-.423	-.423	0	%100
102	MP3C	Z	-.244	-.244	0	%100
103	MP2C	X	-.512	-.512	0	%100
104	MP2C	Z	-.295	-.295	0	%100
105	MP1C	X	-.423	-.423	0	%100
106	MP1C	Z	-.244	-.244	0	%100
107	MP4B	X	-.423	-.423	0	%100
108	MP4B	Z	-.244	-.244	0	%100
109	MP3B	X	-.423	-.423	0	%100
110	MP3B	Z	-.244	-.244	0	%100
111	MP2B	X	-.512	-.512	0	%100
112	MP2B	Z	-.295	-.295	0	%100
113	MP1B	X	-.423	-.423	0	%100
114	MP1B	Z	-.244	-.244	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,%]
115	OVP	X	-.346	-.346	0	%100
116	OVP	Z	-.2	-.2	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	M20	X	-.27	-.27	0	%100
2	M20	Z	-.467	-.467	0	%100
3	M72A	X	-.09	-.09	0	%100
4	M72A	Z	-.156	-.156	0	%100
5	M73	X	-.252	-.252	0	%100
6	M73	Z	-.437	-.437	0	%100
7	M74	X	-.252	-.252	0	%100
8	M74	Z	-.437	-.437	0	%100
9	M75	X	-.462	-.462	0	%100
10	M75	Z	-.801	-.801	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-.252	-.252	0	%100
14	M79	Z	-.436	-.436	0	%100
15	M84	X	-.155	-.155	0	%100
16	M84	Z	-.269	-.269	0	%100
17	M85	X	-.471	-.471	0	%100
18	M85	Z	-.816	-.816	0	%100
19	M87A	X	-.488	-.488	0	%100
20	M87A	Z	-.845	-.845	0	%100
21	M89A	X	-.155	-.155	0	%100
22	M89A	Z	-.269	-.269	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	M70A	X	-.183	-.183	0	%100
28	M70A	Z	-.317	-.317	0	%100
29	MP4A	X	-.244	-.244	0	%100
30	MP4A	Z	-.423	-.423	0	%100
31	MP3A	X	-.244	-.244	0	%100
32	MP3A	Z	-.423	-.423	0	%100
33	MP2A	X	-.295	-.295	0	%100
34	MP2A	Z	-.512	-.512	0	%100
35	MP1A	X	-.244	-.244	0	%100
36	MP1A	Z	-.423	-.423	0	%100
37	M37	X	-.361	-.361	0	%100
38	M37	Z	-.625	-.625	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-.252	-.252	0	%100
46	M43	Z	-.436	-.436	0	%100
47	M44	X	-.252	-.252	0	%100
48	M44	Z	-.436	-.436	0	%100
49	M49	X	-.62	-.62	0	%100
50	M49	Z	-1.074	-1.074	0	%100
51	M50	X	-.471	-.471	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,%]
52	M50	Z	-.816	-.816	0	%100
53	M52	X	-.488	-.488	0	%100
54	M52	Z	-.845	-.845	0	%100
55	M54	X	-.62	-.62	0	%100
56	M54	Z	-1.074	-1.074	0	%100
57	M55	X	-.471	-.471	0	%100
58	M55	Z	-.816	-.816	0	%100
59	M57	X	-.488	-.488	0	%100
60	M57	Z	-.845	-.845	0	%100
61	M59	X	-.09	-.09	0	%100
62	M59	Z	-.156	-.156	0	%100
63	M60	X	-.252	-.252	0	%100
64	M60	Z	-.437	-.437	0	%100
65	M61	X	-.252	-.252	0	%100
66	M61	Z	-.437	-.437	0	%100
67	M62	X	-.462	-.462	0	%100
68	M62	Z	-.801	-.801	0	%100
69	M65	X	-.252	-.252	0	%100
70	M65	Z	-.436	-.436	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-.155	-.155	0	%100
74	M71	Z	-.269	-.269	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74B	X	0	0	0	%100
78	M74B	Z	0	0	0	%100
79	M76B	X	-.155	-.155	0	%100
80	M76B	Z	-.269	-.269	0	%100
81	M77B	X	-.471	-.471	0	%100
82	M77B	Z	-.816	-.816	0	%100
83	M79B	X	-.488	-.488	0	%100
84	M79B	Z	-.845	-.845	0	%100
85	M115	X	0	0	0	%100
86	M115	Z	0	0	0	%100
87	M116	X	-.21	-.21	0	%100
88	M116	Z	-.364	-.364	0	%100
89	M117	X	-.21	-.21	0	%100
90	M117	Z	-.364	-.364	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	M92A	X	-.27	-.27	0	%100
96	M92A	Z	-.467	-.467	0	%100
97	M93	X	-.183	-.183	0	%100
98	M93	Z	-.317	-.317	0	%100
99	MP4C	X	-.244	-.244	0	%100
100	MP4C	Z	-.423	-.423	0	%100
101	MP3C	X	-.244	-.244	0	%100
102	MP3C	Z	-.423	-.423	0	%100
103	MP2C	X	-.295	-.295	0	%100
104	MP2C	Z	-.512	-.512	0	%100
105	MP1C	X	-.244	-.244	0	%100
106	MP1C	Z	-.423	-.423	0	%100
107	MP4B	X	-.244	-.244	0	%100
108	MP4B	Z	-.423	-.423	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,%]
109	MP3B	X	-.244	-.244	0	%100
110	MP3B	Z	-.423	-.423	0	%100
111	MP2B	X	-.295	-.295	0	%100
112	MP2B	Z	-.512	-.512	0	%100
113	MP1B	X	-.244	-.244	0	%100
114	MP1B	Z	-.423	-.423	0	%100
115	OVP	X	-.2	-.2	0	%100
116	OVP	Z	-.346	-.346	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	M78	Y	-2.269	-4.368	0	.793
2	M78	Y	-4.368	-5.787	.793	1.586
3	M78	Y	-5.787	-7.471	1.586	2.379
4	M78	Y	-7.471	-7.187	2.379	3.172
5	M78	Y	-7.187	-3.986	3.172	3.965
6	M79	Y	-4.015	-7.274	0	.793
7	M79	Y	-7.274	-7.629	.793	1.587
8	M79	Y	-7.629	-6.123	1.587	2.38
9	M79	Y	-6.123	-4.62	2.38	3.173
10	M79	Y	-4.62	-2.075	3.173	3.967
11	M43	Y	-2.265	-4.366	0	.793
12	M43	Y	-4.366	-5.786	.793	1.586
13	M43	Y	-5.786	-7.472	1.586	2.379
14	M43	Y	-7.472	-7.187	2.379	3.172
15	M43	Y	-7.187	-3.985	3.172	3.965
16	M44	Y	-4.006	-7.272	0	.793
17	M44	Y	-7.272	-7.633	.793	1.587
18	M44	Y	-7.633	-6.127	1.587	2.38
19	M44	Y	-6.127	-4.622	2.38	3.173
20	M44	Y	-4.622	-2.077	3.173	3.967
21	M65	Y	-2.265	-4.366	0	.793
22	M65	Y	-4.366	-5.786	.793	1.586
23	M65	Y	-5.786	-7.472	1.586	2.379
24	M65	Y	-7.472	-7.187	2.379	3.172
25	M65	Y	-7.187	-3.985	3.172	3.965
26	M66	Y	-4.006	-7.272	0	.793
27	M66	Y	-7.272	-7.633	.793	1.587
28	M66	Y	-7.633	-6.127	1.587	2.38
29	M66	Y	-6.127	-4.622	2.38	3.173
30	M66	Y	-4.622	-2.077	3.173	3.967

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	M78	Y	-4.992	-9.61	0	.793
2	M78	Y	-9.61	-12.731	.793	1.586
3	M78	Y	-12.731	-16.437	1.586	2.379
4	M78	Y	-16.437	-15.81	2.379	3.172
5	M78	Y	-15.81	-8.768	3.172	3.965
6	M79	Y	-8.832	-16.004	0	.793
7	M79	Y	-16.004	-16.784	.793	1.587
8	M79	Y	-16.784	-13.471	1.587	2.38
9	M79	Y	-13.471	-10.164	2.38	3.173
10	M79	Y	-10.164	-4.564	3.173	3.967
11	M43	Y	-4.983	-9.606	0	.793
12	M43	Y	-9.606	-12.73	.793	1.586

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,%]
13	M43	Y	-12.73	-16.437	1.586	2.379
14	M43	Y	-16.437	-15.812	2.379	3.172
15	M43	Y	-15.812	-8.767	3.172	3.965
16	M44	Y	-8.813	-15.998	0	.793
17	M44	Y	-15.998	-16.792	.793	1.587
18	M44	Y	-16.792	-13.48	1.587	2.38
19	M44	Y	-13.48	-10.168	2.38	3.173
20	M44	Y	-10.168	-4.57	3.173	3.967
21	M65	Y	-4.983	-9.606	0	.793
22	M65	Y	-9.606	-12.73	.793	1.586
23	M65	Y	-12.73	-16.437	1.586	2.379
24	M65	Y	-16.437	-15.812	2.379	3.172
25	M65	Y	-15.812	-8.767	3.172	3.965
26	M66	Y	-8.813	-15.998	0	.793
27	M66	Y	-15.998	-16.792	.793	1.587
28	M66	Y	-16.792	-13.48	1.587	2.38
29	M66	Y	-13.48	-10.168	2.38	3.173
30	M66	Y	-10.168	-4.57	3.173	3.967

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N117	N116A	N121	N122	Y	Two Way	-.005
2	N67	N66	N62	N63	Y	Two Way	-.005
3	N90A	N91	N95A	N94	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N117	N116A	N121	N122	Y	Two Way	-.011
2	N67	N66	N62	N63	Y	Two Way	-.011
3	N90A	N91	N95A	N94	Y	Two Way	-.011

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc.....	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	M115	L2.5x2.5...	.434	0	10	.100	.097	z	12 36221..	37485	1.083	2.467	...	H2-1
2	MP3C	PIPE_2.0	.426	4....	12	.097	3.4...		4 17855..	32130	1.872	1.872	2	H1-1b
3	MP3A	PIPE_2.0	.421	4....	11	.105	1.4...		7 17855..	32130	1.872	1.872	...	H1-1b
4	M72A	HSS4X4...	.410	0	1	.102	0	y	13 98161..	106155	12.311	12.311	...	H1-1b
5	M116	L2.5x2.5...	.410	0	6	.095	.011	z	2 36221..	37485	1.083	2.467	...	H2-1
6	M117	L2.5x2.5...	.404	0	2	.100	.065	z	10 36221..	37485	1.083	2.467	...	H2-1
7	MP3B	PIPE_2.0	.404	4....	9	.106	3.4...		12 17855..	32130	1.872	1.872	...	H1-1b
8	M37	HSS4X4...	.387	0	9	.131	0	y	34 98161..	106155	12.311	12.311	...	H1-1b
9	M59	HSS4X4...	.382	0	5	.134	0	y	40 98161..	106155	12.311	12.311	...	H1-1b
10	M49	PL3/8x6	.341	0	12	.181	0	y	16 69325..	70875	.554	8.859	...	H1-1b
11	M54	PL3/8x6	.340	0	6	.195	0	y	1 69325..	70875	.554	8.859	...	H1-1b
12	M89A	PL3/8x6	.338	0	10	.185	0	y	5 69325..	70875	.554	8.859	...	H1-1b
13	M84	PL3/8x6	.337	0	4	.189	0	y	20 69325..	70875	.554	8.859	...	H1-1b
14	MP2A	PIPE_2.5	.331	4....	10	.105	4.2...		11 33961..	50715	3.596	3.596	...	H1-1b
15	M71	PL3/8x6	.327	0	7	.186	0	y	24 69325..	70875	.554	8.859	...	H1-1b
16	M76B	PL3/8x6	.326	0	7	.194	0	y	10 69325..	70875	.554	8.859	...	H1-1b
17	MP2C	PIPE_2.5	.321	4....	6	.094	1.4...		1 33961..	50715	3.596	3.596	...	H1-1b
18	MP2B	PIPE_2.5	.314	4....	2	.101	4.2...		9 33961..	50715	3.596	3.596	...	H1-1b
19	M93	PIPE_2.0	.303	5....	11	.179	2.2...		10 4678....	32130	1.872	1.872	...	H1-1b
20	M91A	PIPE_2.0	.296	1...	12	.160	2.2...		2 4678....	32130	1.872	1.872	...	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
21	MP4C	PIPE_2.0	.296	4....	1	.182	4.2...		2	17855..	32130	1.872	1.872	...	H1-1b
22	M70A	PIPE_2.0	.295	1...	11	.166	2.2...		6	4678....	32130	1.872	1.872	...	H1-1b
23	MP4B	PIPE_2.0	.289	4....	10	.202	.948		10	17855..	32130	1.872	1.872	...	H1-1b
24	MP4A	PIPE_2.0	.285	4....	5	.189	.948		6	17855..	32130	1.872	1.872	...	H1-1b
25	M38	HSS4X4...	.276	2....	10	.068	2.4...	y	20	79841..	81270	9.634	9.634	...	H1-1b
26	M74	HSS4X4...	.274	0	13	.062	0	y	14	79841..	81270	9.634	9.634	...	H1-1b
27	M73	HSS4X4...	.274	2....	14	.068	2.4...	y	24	79841..	81270	9.634	9.634	...	H1-1b
28	M39	HSS4X4...	.274	0	21	.064	0	y	34	79841..	81270	9.634	9.634	...	H1-1b
29	MP1A	PIPE_2.0	.272	4....	10	.206	.948		7	17855..	32130	1.872	1.872	...	H1-1b
30	M60	HSS4X4...	.272	2....	6	.066	2.4...	y	16	79841..	81270	9.634	9.634	...	H1-1b
31	M61	HSS4X4...	.270	0	5	.062	2.1...	z	5	79841..	81270	9.634	9.634	...	H1-1b
32	MP1B	PIPE_2.0	.267	4....	1	.228	.948		11	17855..	32130	1.872	1.872	...	H1-1b
33	MP1C	PIPE_2.0	.258	4....	6	.196	.948		3	17855..	32130	1.872	1.872	...	H1-1b
34	M62	PL1/2x6	.253	.5...	12	.144	0	y	4	61891..	94500	.984	11.813	...	H1-1b
35	M75	PL1/2x6	.248	.5...	7	.146	0	y	12	61891..	94500	.984	11.813	...	H1-1b
36	M40	PL1/2x6	.245	.5...	10	.143	.228	y	8	61891..	94500	.984	11.813	...	H1-1b
37	M55	PL3/8x6	.193	0	5	.103	0	y	21	69647..	70875	.554	8.859	...	H1-1b
38	M77B	PL3/8x6	.187	0	1	.100	0	y	17	69647..	70875	.554	8.859	...	H1-1b
39	M90A	PL3/8x6	.181	0	9	.102	0	y	13	69647..	70875	.554	8.859	...	H1-1b
40	M85	PL3/8x6	.166	0	10	.101	0	y	13	69647..	70875	.554	8.859	...	H1-1b
41	M66	L2x2x3	.164	0	5	.015	0	y	15	10568..	22743	.542	1.065	...	H2-1
42	M50	PL3/8x6	.164	0	6	.100	0	y	21	69647..	70875	.554	8.859	...	H1-1b
43	M44	L2x2x3	.163	0	9	.014	0	y	19	10568..	22743	.542	1.065	...	H2-1
44	M79	L2x2x3	.159	0	1	.015	0	y	23	10568..	22743	.542	1.065	...	H2-1
45	M72	PL3/8x6	.156	0	2	.097	0	y	17	69647..	70875	.554	8.859	...	H1-1b
46	M78	L2x2x3	.153	3....	1	.014	3.9...	y	16	10573..	22743	.542	1.065	...	H2-1
47	M65	L2x2x3	.152	3....	5	.014	3.9...	y	20	10573..	22743	.542	1.065	...	H2-1
48	M43	L2x2x3	.146	3....	9	.014	3.9...	y	24	10573..	22743	.542	1.065	...	H2-1
49	M90	PIPE_3.0	.125	5....	1	.118	5.5...		2	21266..	65205	5.749	5.749	...	H1-1b
50	OVP	PIPE_2.0	.125	2.5	11	.037	2.5		11	28843..	32130	1.872	1.872	...	H1-1b
51	M20	PIPE_3.0	.123	8....	5	.123	8.9...		6	21266..	65205	5.749	5.749	...	H1-1b
52	M92A	PIPE_3.0	.123	5....	9	.128	5.5...		10	21266..	65205	5.749	5.749	...	H1-1b
53	M57	PL1/2x6	.038	.1...	9	.082	.125	y	1	93979..	94500	.984	11.813	...	H1-1b
54	M87A	PL1/2x6	.037	.1...	1	.078	.125	y	9	93979..	94500	.984	11.813	...	H1-1b
55	M79B	PL1/2x6	.036	.1...	5	.080	.125	y	9	93979..	94500	.984	11.813	...	H1-1b
56	M92	PL1/2x6	.036	.1...	1	.088	0	y	11	93979..	94500	.984	11.813	...	H1-1b
57	M74B	PL1/2x6	.035	.1...	5	.081	.125	y	1	93979..	94500	.984	11.813	...	H1-1b
58	M52	PL1/2x6	.034	.1...	9	.078	.125	y	5	93979..	94500	.984	11.813	...	H1-1b

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	N112A	max	1164.295	10	2520.594	13	2090.921	1	4.843	13	1.289	4	.201	20
2		min	-1168.759	4	201.638	7	-2198.584	7	-.958	7	-1.252	10	-.066	2
3	N58	max	1855.16	10	2362.884	21	1050.536	1	.484	3	1.142	12	.628	3
4		min	-1957.964	4	167.085	3	-1016.435	7	-2.321	9	-1.134	6	-4.067	21
5	N86	max	1782.029	11	2289.211	17	1463.849	1	.447	11	1.137	8	3.95	5
6		min	-1675.123	5	56.791	11	-1390.291	7	-2.302	17	-1.115	2	-1.047	11
7	Totals:	max	4620.611	10	6601.908	19	4605.306	1						
8		min	-4620.604	4	3081.915	1	-4605.31	7						

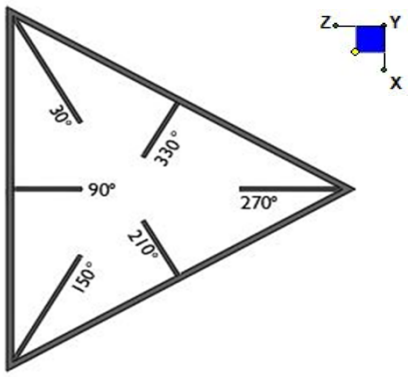
Client:	Verizon Wireless	Date:	6/8/2021
Site Name:	East Haddam CT		
Project No.	21777469A		
Title:	Mount Replacement Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

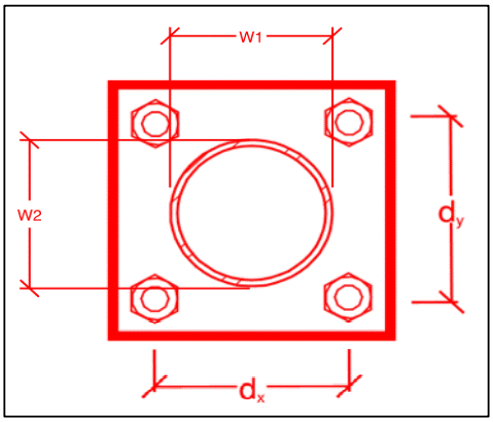
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N112A	270
N58	30
N86	150



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):	21.3
Required Shear Strength (kips):	4.8
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**25.7%***
Shear Capacity Overall:	**9.7%**



**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):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	2.84
Plate Bending Capacity:	**29.9%**
Weld Capacity:	**34.0%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	10.6
$Phi*Mn_{xx}$ *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	0.3
$Phi*Mn_{yy}$ *(kip-in)* :	36.5

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – New Mount Passing MA

Purpose – to provide Maser Consulting Connecticut 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, this includes safety issues.

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Mount Analysis. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Verification that the New Mount Installed is as specified in the MA
- 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 new mount;
- *Photos taken at Mount Elevation*
  - Photos showing each individual sector before and also after installation of equipment.
    - 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
  - Photos showing the newly installed mount that is as specified in the Mount Analysis

- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.
- Photos showing the climbing facility and safety climb if present.

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 _____

New Mount Certification:

- The contractor must certify that the New Mount installed is as specified

☐ The contractor certifies that the New Mount installed is as specified in the Passing Mount Analysis

☐ The contractor notes that the New Mount installed is not as specified and engineering approval was received for the New Mount Installed

☐ The contractor did not install the New Mount specified in the Passing Mount Analysis

Certifying Individual: Company _____

Name _____

Signature _____

Special Instructions / Validation as required from the MA or any other information the contractor deems necessary to share that was identified:

Issue:

-Contractor to install existing OVP to 36” P2.0 STD pipe located on the beta/gamma standoff arm. Proposed pipe to be connected to standoff arm using crossover plate (Site Pro 1 SQCX4-K or EOR approved equivalent). -Top of 84” mount pipes to be installed from face horizontal 51” and be spaced along the face horizontal evenly. -Mount pipe in position 2 to be a P2.5 STD mount pipe. Connect to face horizontal and support rail with crossover plates (Site Pro 1 SCX4 and SCX1 or EOR approved equivalent respectively).

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

Structure: 4673 -VZW - EAST HADDAM CT

Sector: **A**

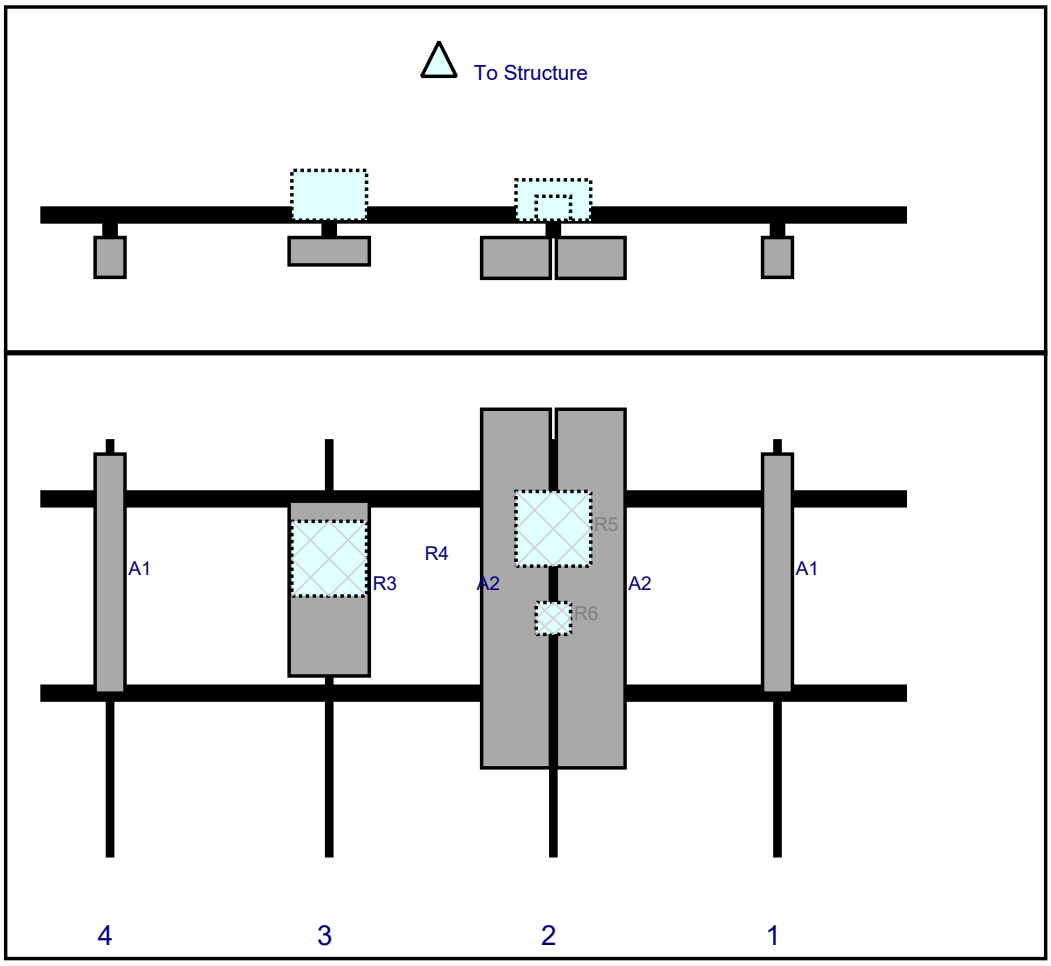
Structure Type: Monopole

Mount Elev: 128.50

6/8/2021

Plan View

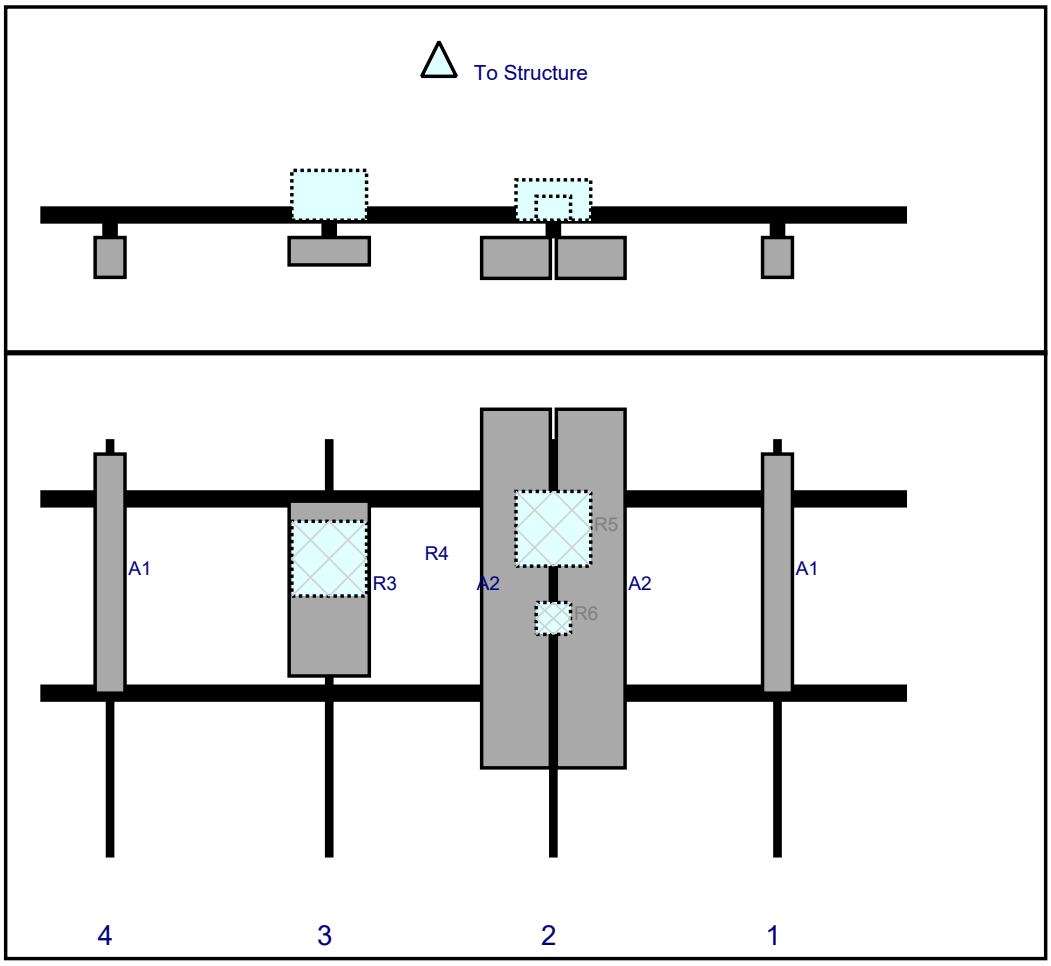
Front View
Looking at Structure



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
A1	APL868013-42T0-00	48	6	148	1	a	Front	27	0	Retained	03/27/2021
A2	JAHH-65B-R3B	72	13.8	103	2	a	Front	30	7.5	Added	
A2	JAHH-65B-R3B	72	13.8	103	2	b	Front	30	-7.5	Added	
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	103	2	a	Behind	18	0	Added	
R6	CBC78T-DS-43	6.4	6.9	103	2	a	Behind	36	0	Added	
R3	MT6407-77A	35.1	16.1	58	3	a	Front	30	0	Added	
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	58	3	a	Behind	24	0	Added	
A1	APL868013-42T0-00	48	6	14	4	a	Front	27	0	Retained	03/27/2021

Plan View

Front View
Looking at Structure



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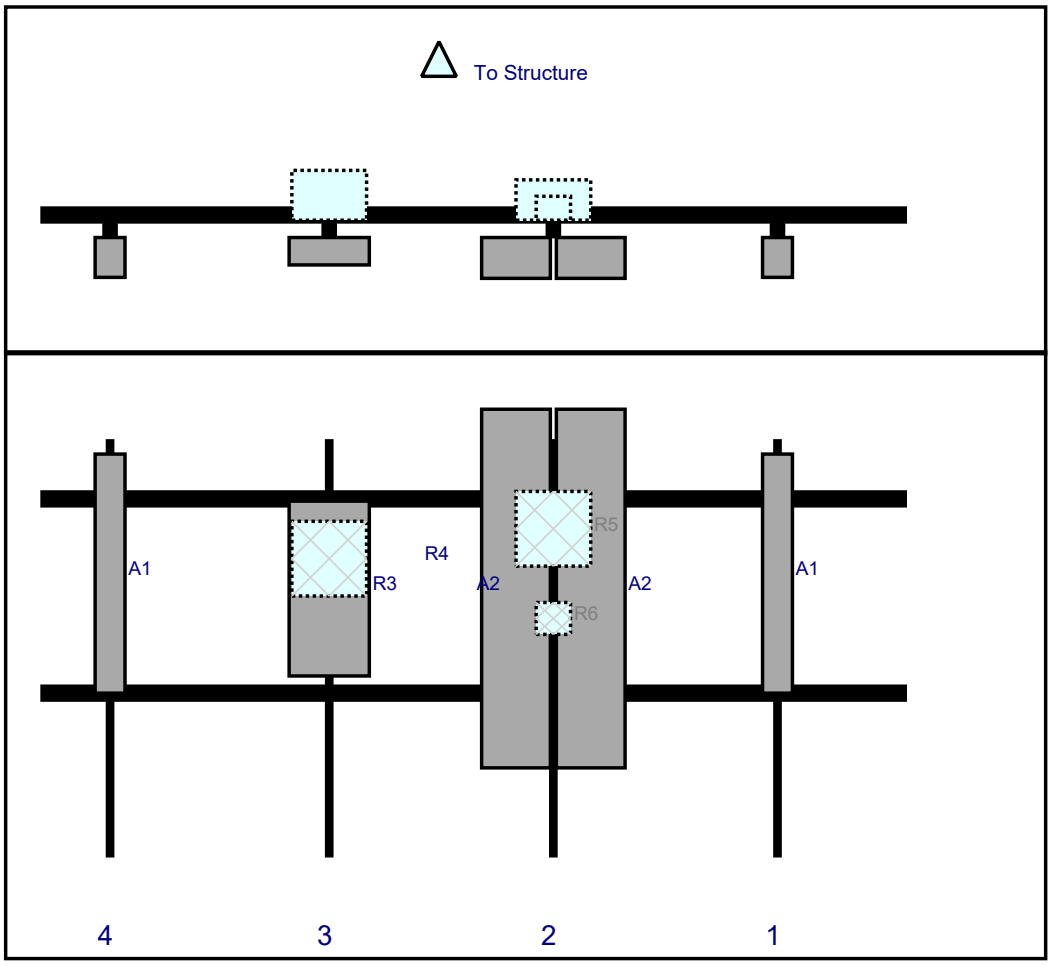
Plan View

Front View
Looking at Structure



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A1	APL868013-42T0-00	48	6	14	4	a	Front	27	0	Retained	03/27/2021

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	Site ID:	467390-VZW / EAST HADDAM CT
	Site Name:	EAST HADDAM CT
	Carrier Name:	Verizon Wireless
	Address:	135 Honey Hill Rd East Haddam, Connecticut 06423 Middlesex County
	Latitude:	41.436944°
	Longitude:	-72.366389°
Structure Information	Tower Type:	Monopole
	Mount Type:	14.50-ft Platform

To Whom It May Concern,

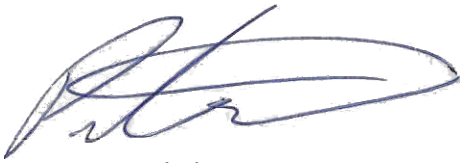
We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

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 maps 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 methods, seismic analysis, 30-degree increment wind directions 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,



Petros Tsoukalas, PE
Geographic Discipline Leader

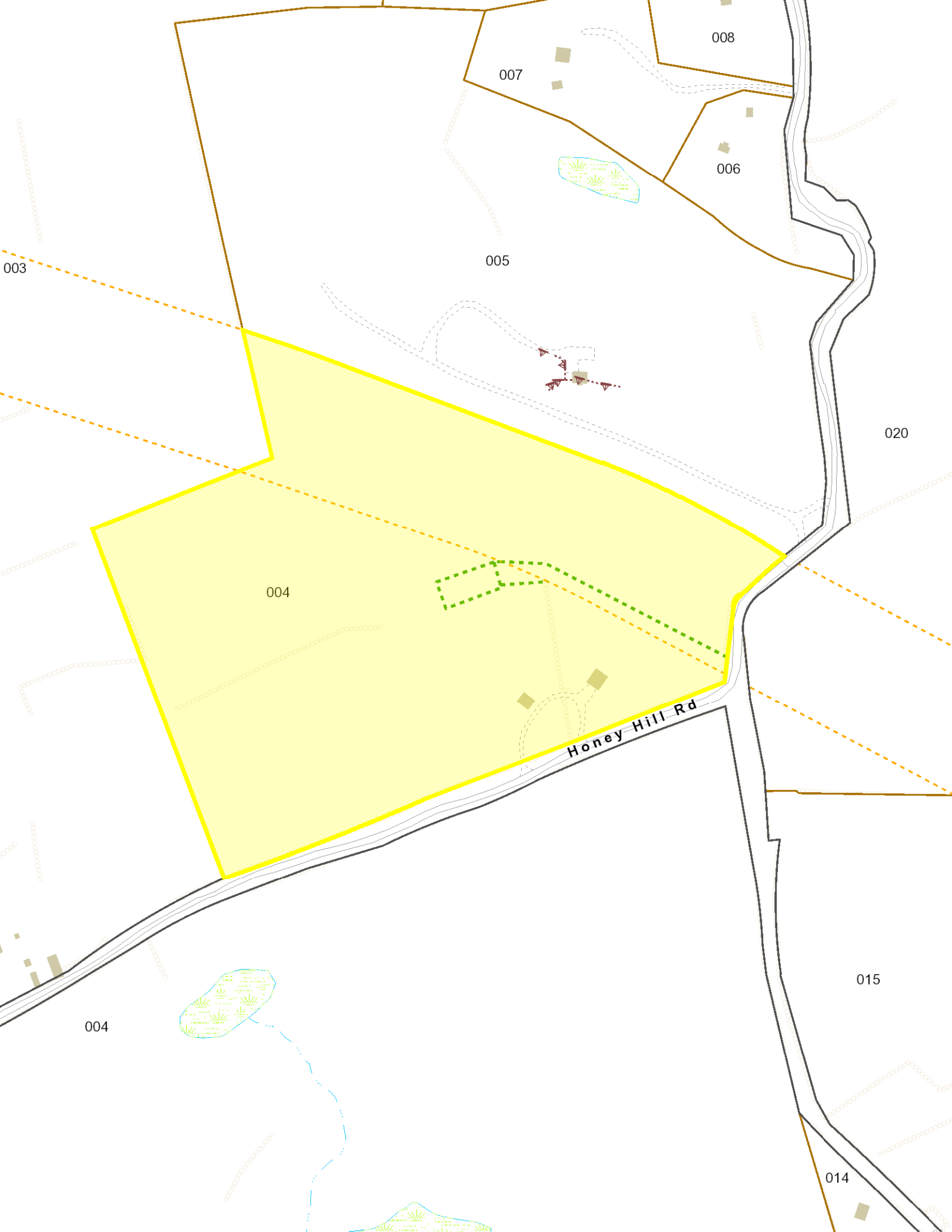
Site Name: ***EAST HADDAM CT***
Cumulative Power Density

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	628	2511	130	0.0053	0.5007	1.07%
VZW CDMA	876.03	2	410	820	130	0.0017	0.5840	0.30%
VZW Cellular	874	4	725	2902	130	0.0062	0.5827	1.06%
VZW PCS	1975	4	1525	6100	130	0.0130	1.0000	1.30%
VZW AWS	2120	4	1493	5973	130	0.0127	1.0000	1.27%
VZW CBAND	3730.08	4	6531	26125	130	0.0556	1.0000	5.56%
Total Percentage of Maximum Permissible Exposure								10.55%

*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.


008
007
006
005
003
020
004
Honey Hill Rd
004
015
014

HONEY HILL RD-CELL#302527

Location	HONEY HILL RD-CELL#302527	**Mblu**	M13/ / L004/ /
Acct#	54007700	**Owner**	SOBIECH SUSAN LEE
Assessment	$149,660	**Appraisal**	$213,800
PID	5949	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$51,800	$162,000	$213,800
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2017	$36,260	$113,400	$149,660

Owner of Record

Owner	SOBIECH SUSAN LEE	**Sale Price**	$0
Co-Owner		**Certificate**	
Address	135 HONEY HILL RD EAST HADDAM, CT 06423	**Book & Page**	1047/ 282
		Sale Date	06/06/2018

Ownership History

Ownership History				
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Sale Date**
SOBIECH SUSAN LEE	$0		1047/ 282	06/06/2018
PORTER SUSAN	$0		1046/ 133	05/07/2018
PORTER DONALD L & SUSAN	$0		1046/ 130	05/07/2018
SOBIECH ZIGFRED & PORTER DONALD L & SI	$0		202/ 76	09/11/1985

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0
Replacement Cost: $0
Building Percent Good:

Replacement Cost
Less Depreciation: $0

Building Attributes	
Field	**Description**
Style	Outbuildings
Model	
Grade:	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type	
AC Type	
Bedrooms	
Full Baths	
Half Baths	
Extra Fixtures	
Total Rooms	
Bath Style	
Kitchen Style	
Fireplace(s)	
Extra Openings	
Gas Fireplace(s)	
Bsmt Garage(s)	
Foundation	
Fin Bsmnt	
FBM Quality	
Int Vs Ext	

Building Photo


(http://images.vgsi.com/photos/EastHaddamCTPhotos//\00\00\69/29.jpg)

Building Layout

Building Layout
(http://images.vgsi.com/photos/EastHaddamCTPhotos//Sketches/5949_59

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	522
Description	Comm Vac w/ OB
Zone	R2
Neighborhood	COMM
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0
Frontage	
Depth	
Assessed Value	$113,400
Appraised Value	$162,000

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
TCB	Telecomm Bldg			288 UNITS	$51,800	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2018	$51,800	$162,000	$213,800
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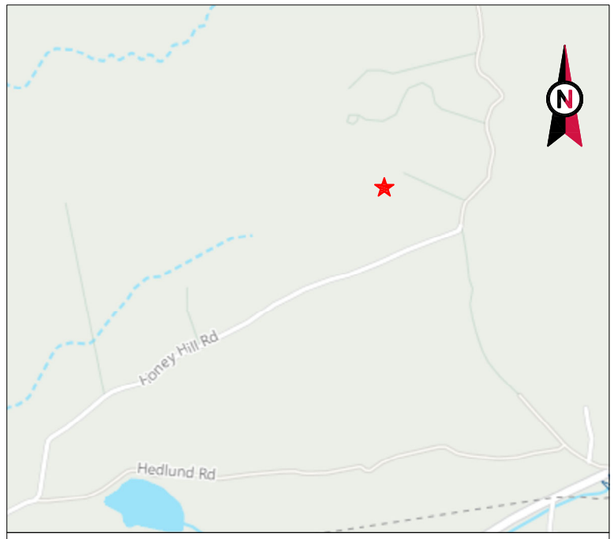
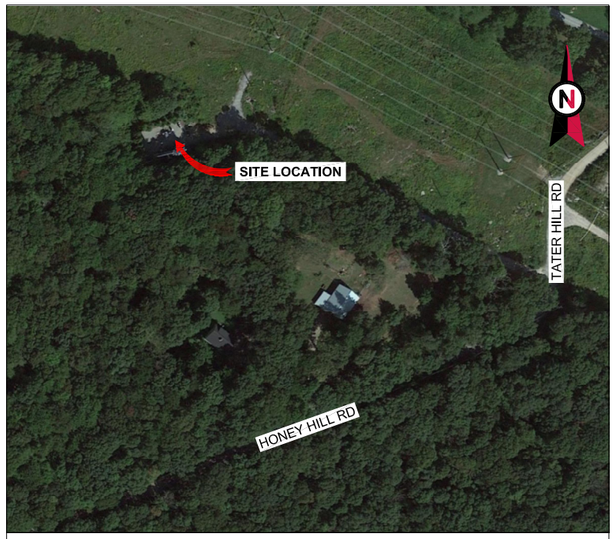


VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: EAST HADDAM
ATC SITE NUMBER: 302527
VERIZON WIRELESS SITE NAME: EAST HADDAM CT
VERIZON WIRELESS SITE NUMBER: 467390
SITE ADDRESS: 135 HONEY HILL ROAD
EAST HADDAM, CT 06423



LOCATION MAP

VERIZON WIRELESS
ANTENNA AMENDMENT PLAN

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 CT STATE BUILDING CODE/2015 INTERNATIONAL BUILDING CODE (IBC) W/ CT AMENDMENTS
2. 2017 NATIONAL ELECTRIC CODE (NEC)
3. LOCAL BUILDING CODE
4. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

POWER COMPANY: UNKNOWN
PHONE: N/A

TELEPHONE COMPANY: UNKNOWN
PHONE: N/A

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

PROJECT SUMMARY

SITE ADDRESS:

135 HONEY HILL ROAD

EAST HADDAM, CT 06423

COUNTY: MIDDLESEX

GEOGRAPHIC COORDINATES:

LATITUDE: 41.43694722

LONGITUDE: -72.36639167

GROUND ELEVATION: 488' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS
20 ALEXANDER DR, 2ND FLOOR
WALLINGFORD, CT 06492

ENGINEER:

POWER OF DESIGN GROUP
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299

PROPERTY OWNER:

SOBIECH SUSAN LEE
135 HONEY HILL RD
EAST HADDAM, CT 06423

PROJECT DESCRIPTION

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

REMOVE (1) PLATFORM MOUNT, (6) ANTENNA(s), (6) RRH(s) AND (3) SIDE BY SIDE MOUNT(s)

INSTALL (1) PLATFORM MOUNT, (1) HANDRAIL KIT, (9) ANTENNA(s), (6) RRH(s), (3) DIPLEXER(s) AND (3) SIDE BY SIDE MOUNT(s)

EXISTING (6) ANTENNA(s), (2) OVP(s), (12) COAX CABLE(s) AND (2) HYBRID CABLE(s) TO REMAIN

THE PROPOSED PROJECT DOES NOT INCLUDE ELECTRICAL SCOPE

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

PROCEED FROM EAST HADDAM HEAD NORTHEAST ON CT-82 / MAIN ST TOWARD LUMBERYARD RD 220 FT KEEP RIGHT TO STAY ON CT-82 / NORWICH RD 4.5 MI TURN LEFT ONTO CLARK HILL RD 2.6 MI TURN RIGHT ONTO TATER HILL RD 0.9 MI ROAD NAME CHANGES TO HONEY HILL RD 479 FT ARRIVE AT HONEY HILL RD

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	6/24/2021	AMM
G-002	GENERAL NOTES	0	6/24/2021	AMM
C-101	DETAILED SITE PLAN	0	6/24/2021	AMM
C-201	TOWER ELEVATION	0	6/24/2021	AMM
C-401	ANTENNA INFORMATION & SCHEDULE	0	6/24/2021	AMM
C-501	CONSTRUCTION DETAILS	0	6/24/2021	AMM
E-501	GROUNDING DETAILS	0	6/24/2021	AMM
R-601	SUPPLEMENTAL			
	MOUNT SPECIFICATION SHEETS			

AMERICAN TOWER®

POD
POWER OF DESIGN
11490 BLUEGRASS PKWY
LOUISVILLE, KY 40299
502-437-5252

REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	05/04/21
0	FOR CONSTRUCTION	AMM	06/24/21

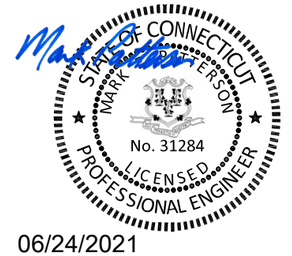
ATC SITE NUMBER:
302527

ATC SITE NAME:
EAST HADDAM

VERIZON WIRELESS SITE NAME:
EAST HADDAM CT

SITE ADDRESS:
135 HONEY HILL ROAD
EAST HADDAM, CT 06423

SEAL:



06/24/2021

verizon

DATE DRAWN:	05/04/21
ATC JOB NO:	13668835
CUSTOMER ID:	EAST HADDAM CT
CUSTOMER #:	467390

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON WIRELESS "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 WIRELESS 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 WIRELESS REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON WIRELESS REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON WIRELESS 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 WIRELESS 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 WIRELESS 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 WIRELESS 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 WIRELESS 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 WIRELESS REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON WIRELESS MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON WIRELESS SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON WIRELESS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON WIRELESS 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 WIRELESS 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 WIRELESS REP. ANY WORK FOUND BY THE VERIZON WIRELESS 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 WIRELESS FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE VERIZON WIRELESS 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 WIRELESS 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 WIRELESS OR THEIR ARCHITECT/ENGINEER.

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
   - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY VERIZON WIRELESS 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 WIRELESS 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.

AMERICAN TOWER®

POD
POWER OF DESIGN
11490 BLUEGRASS PKWY
LOUISVILLE, KY 40299
502-437-5252

REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	05/04/21
0	FOR CONSTRUCTION	AMM	06/23/21

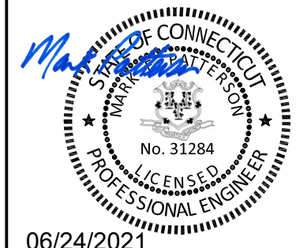
ATC SITE NUMBER:
302527

ATC SITE NAME:
EAST HADDAM

VERIZON WIRELESS SITE NAME:
EAST HADDAM CT

SITE ADDRESS:
135 HONEY HILL ROAD
EAST HADDAM, CT 06423

SEAL:



06/24/2021

verizon

DATE DRAWN:	05/04/21
ATC JOB NO:	13668835
CUSTOMER ID:	EAST HADDAM CT
CUSTOMER #:	467390

TITLE SHEET

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

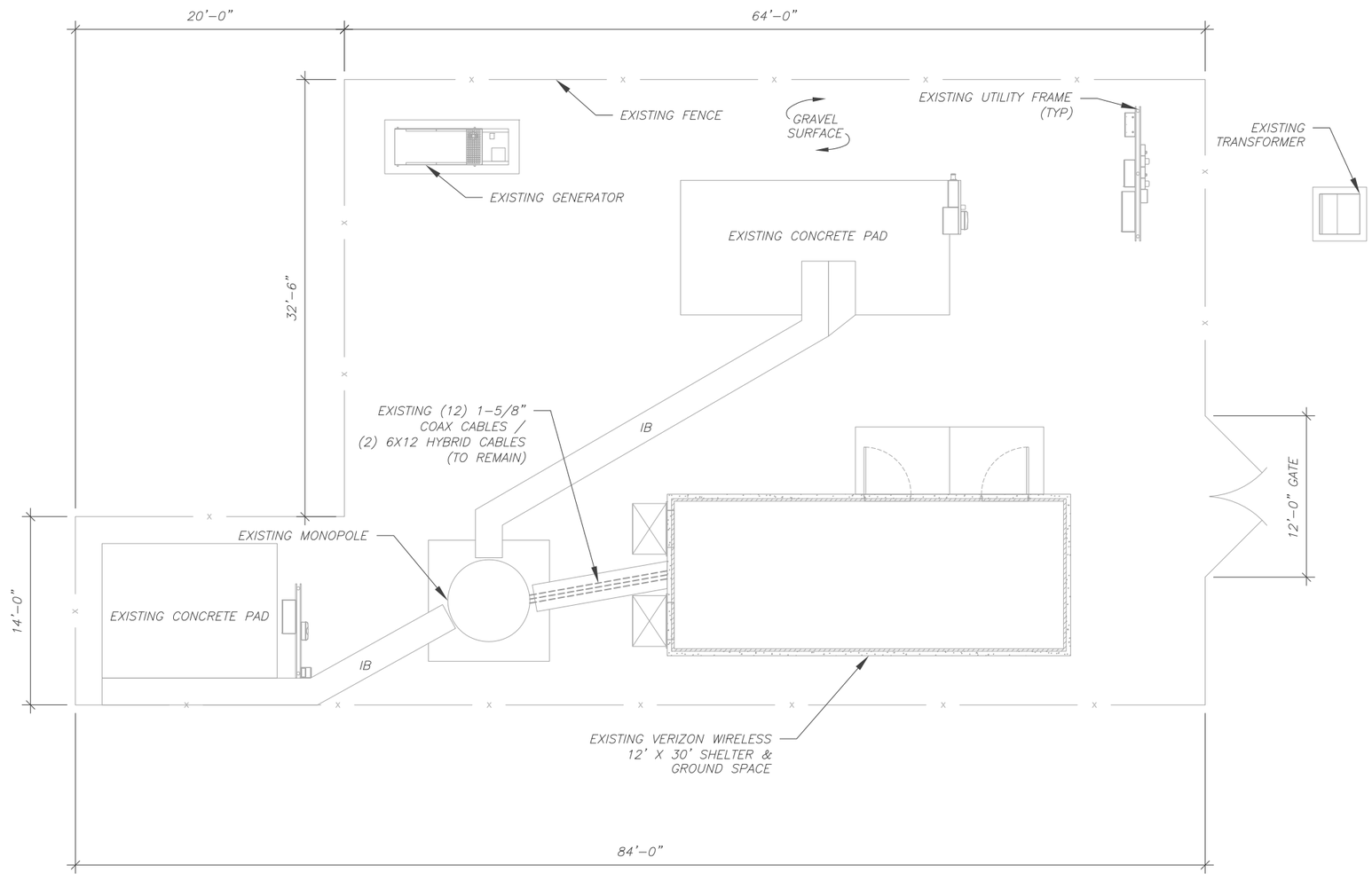
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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



1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

N

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POWER OF DESIGN
11490 BLUEGRASS PKWY
LOUISVILLE, KY 40299
502-437-5252

REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	05/04/21
0	FOR CONSTRUCTION	AMM	06/24/21

ATC SITE NUMBER:
302527

ATC SITE NAME:
EAST HADDAM

VERIZON WIRELESS SITE NAME:
EAST HADDAM CT

SITE ADDRESS:
135 HONEY HILL ROAD
EAST HADDAM, CT 06423

SEAL:

STATE OF CONNECTICUT
MARK E. PETERSON
No. 31284
LICENSED PROFESSIONAL ENGINEER

06/24/2021

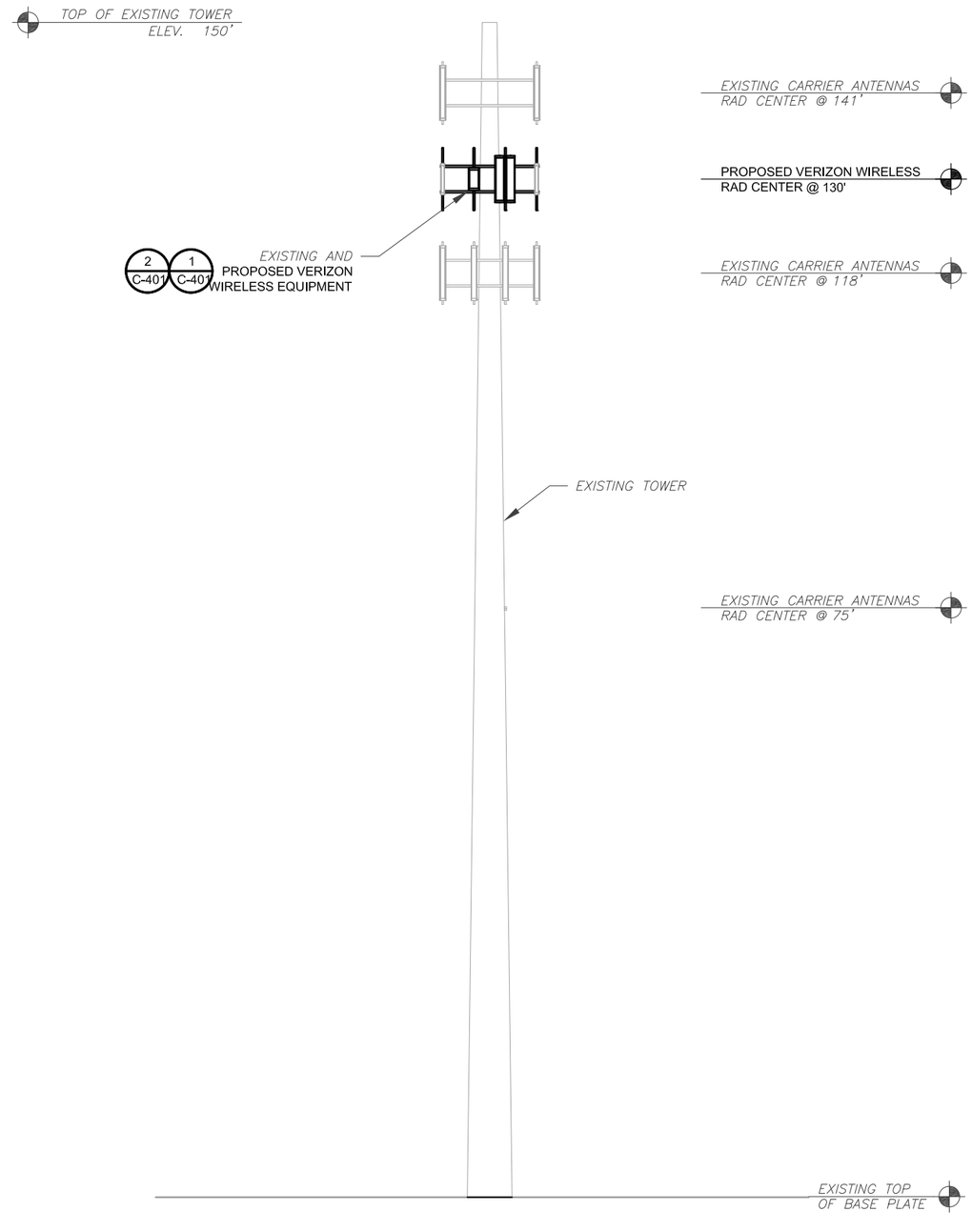
verizon

DATE DRAWN:	05/04/21
ATC JOB NO:	13668835
CUSTOMER ID:	EAST HADDAM CT
CUSTOMER #:	467390

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

DigiSigner Document ID: af71b149-77f5-4679-934f-8e90291ffff5



1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED JUNE 8, 2021, THE PROPOSED MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING

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. 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:

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verizon

DATE DRAWN:	05/04/21
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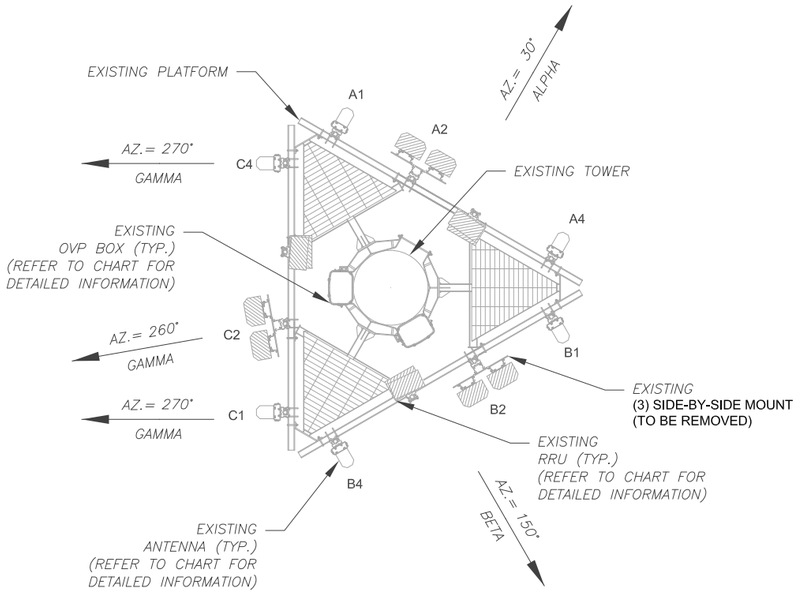
CUSTOMER #:	467390

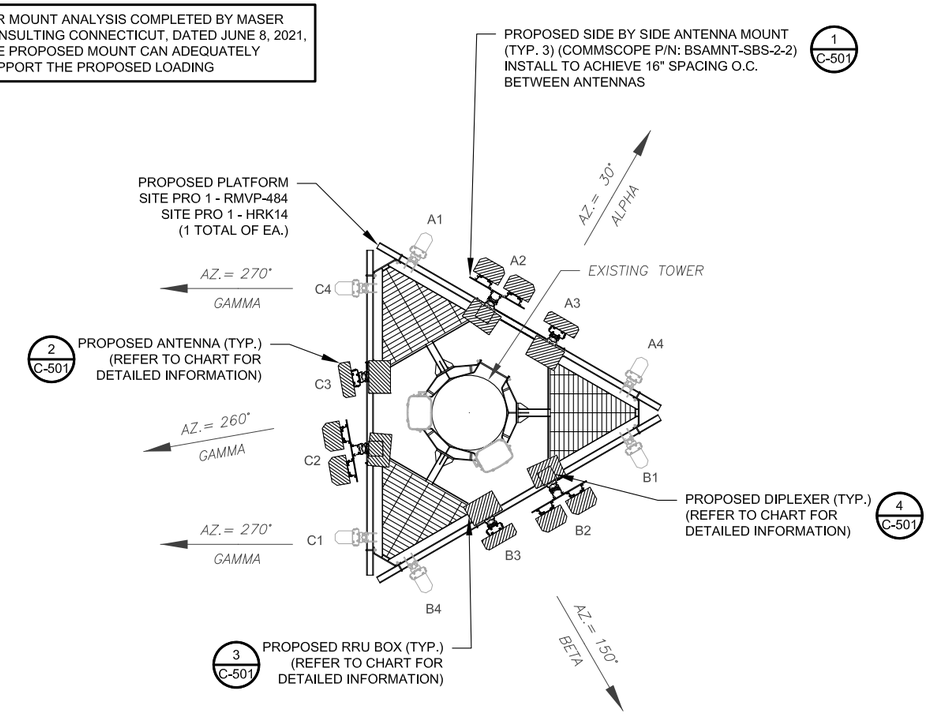
TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0



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

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED JUNE 8, 2021, THE PROPOSED MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING



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	130'	30°	A1	APL868013	850 CDMA	–	RMN	–	–
			A2	(2) SBNHH-1D65B	700/2100 LTE	–	RMV	B13 RRH 4X30 B66A RRH 4X45	RMV RMV
			A3	–	–	–	–	–	–
			A4	APL868013	850 CDMA	–	RMN	–	–
BETA	130'	150°	B1	APL868013	850 CDMA	–	RMN	–	–
			B2	(2) SBNHH-1D65B	700/2100 LTE	–	RMV	B13 RRH 4X30 B66A RRH 4X45	RMV RMV
			B3	–	–	–	–	–	–
			B4	APL868013	850 CDMA	–	RMN	–	–
GAMMA	130'	270°	C1	APL868013	850 CDMA	–	RMN	–	–
		260°	C2	(2) SBNHH-1D65B	700/2100 LTE	–	RMV	B13 RRH 4X30 B66A RRH 4X45	RMV RMV
		260°	C3	–	–	–	–	–	–
		270°	C4	APL868013	850 CDMA	–	RMN	–	–

NOTES

1. CONFIRM WITH VERIZON WIRELESS 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	130'	30°	A1	APL868013	850 CDMA	–	RMN	–	–
			A2	(2) JAHH-65B-R3B	700/850/1900/2100 LTE	-	ADD	RFV01U-D1A CBC78T-DS-43-2X	ADD ADD
			A3	MT6407-77A	5G	-	ADD	RFV01U-D2A	ADD
			A4	APL868013	850 CDMA	–	RMN	–	–
BETA	130'	150°	B1	APL868013	850 CDMA	–	RMN	–	–
			B2	(2) JAHH-65B-R3B	700/850/1900/2100 LTE	-	ADD	RFV01U-D1A CBC78T-DS-43-2X	ADD ADD
			B3	MT6407-77A	5G	-	ADD	RFV01U-D2A	ADD
			B4	APL868013	850 CDMA	–	RMN	–	–
GAMMA	130'	270°	C1	APL868013	850 CDMA	–	RMN	–	–
		260°	C2	(2) JAHH-65B-R3B	700/850/1900/2100 LTE	-	ADD	RFV01U-D1A CBC78T-DS-43-2X	ADD ADD
		260°	C3	MT6407-77A	5G	-	ADD	RFV01U-D2A	ADD
		270°	C4	APL868013	850 CDMA	–	RMN	–	–

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) OVP-6	RMN	(12) 1-5/8"	(2) 6X12	RMN

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION/OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) OVP-6	RMN	(12) 1-5/8"	(2) 6X12	RMN

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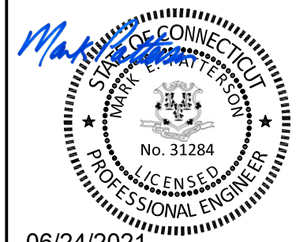


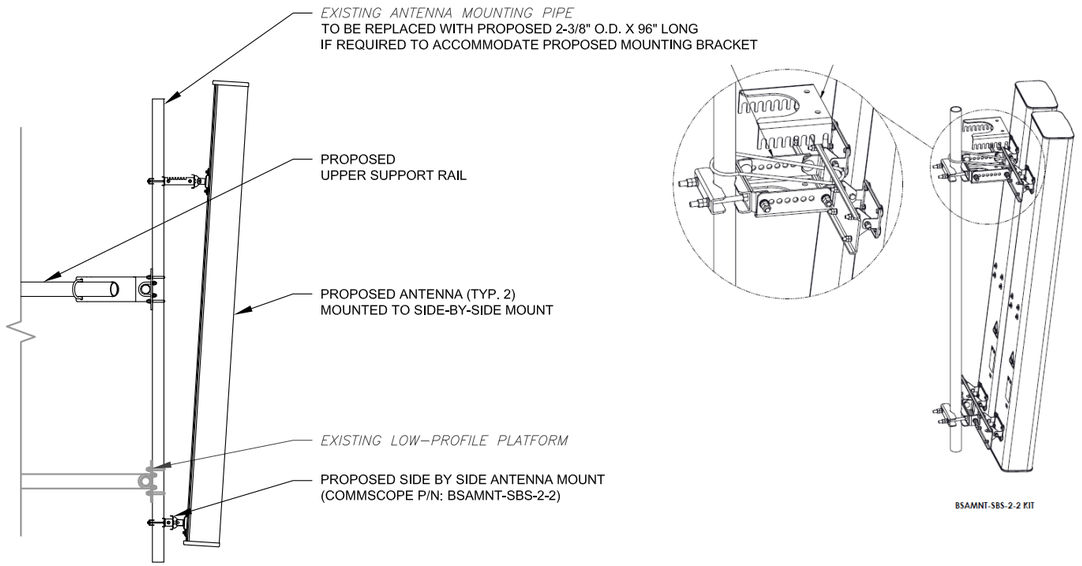
06/24/2021

verizon

DATE DRAWN:	05/04/21
ATC JOB NO:	13668835
CUSTOMER ID:	EAST HADDAM CT
CUSTOMER #:	467390

RF SCHEDULE AND ANTENNA INSTALLATION

SHEET NUMBER:	REVISION:
C-401	0

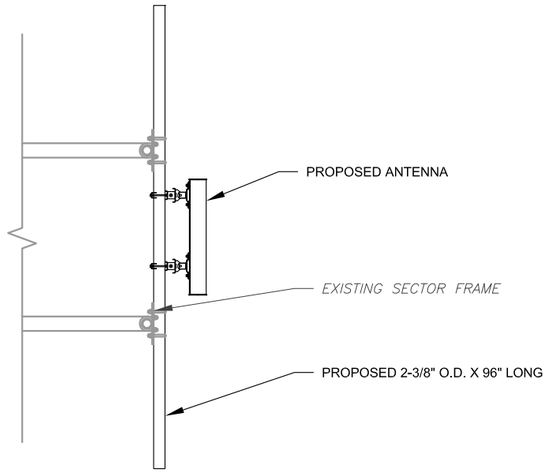


PROFILE VIEW

ISOMETRIC VIEW (BY MANUFACTURER)

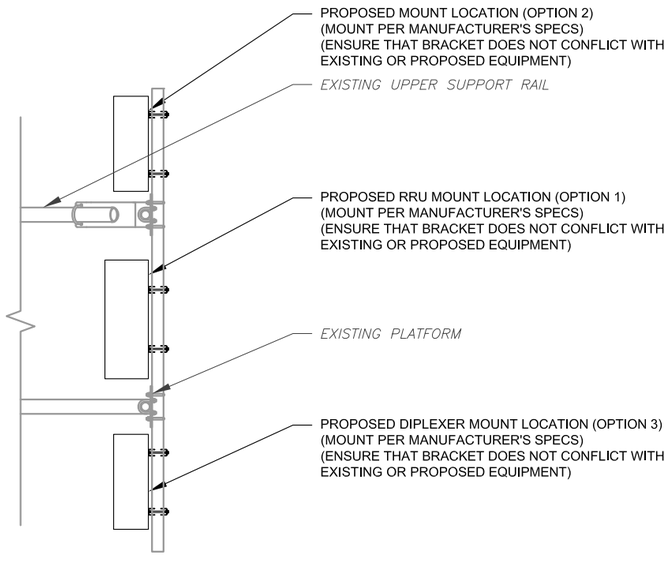
1 PROPOSED SIDE-BY-SIDE MOUNT

SCALE: NOT TO SCALE



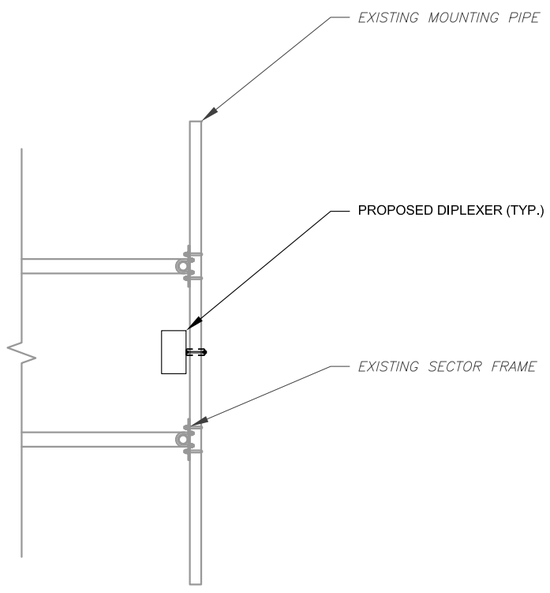
2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



3 PROPOSED RRU MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



4 PROPOSED DIPELXER MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

AMERICAN TOWER®

POD
POWER OF DESIGN
11490 BLUEGRASS PKWY
LOUISVILLE, KY 40299
502-437-5252

REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	05/04/21
0	FOR CONSTRUCTION	AMM	06/24/21

ATC SITE NUMBER:
302527

ATC SITE NAME:
EAST HADDAM

VERIZON WIRELESS SITE NAME:
EAST HADDAM CT

SITE ADDRESS:
135 HONEY HILL ROAD
EAST HADDAM, CT 06423

SEAL:

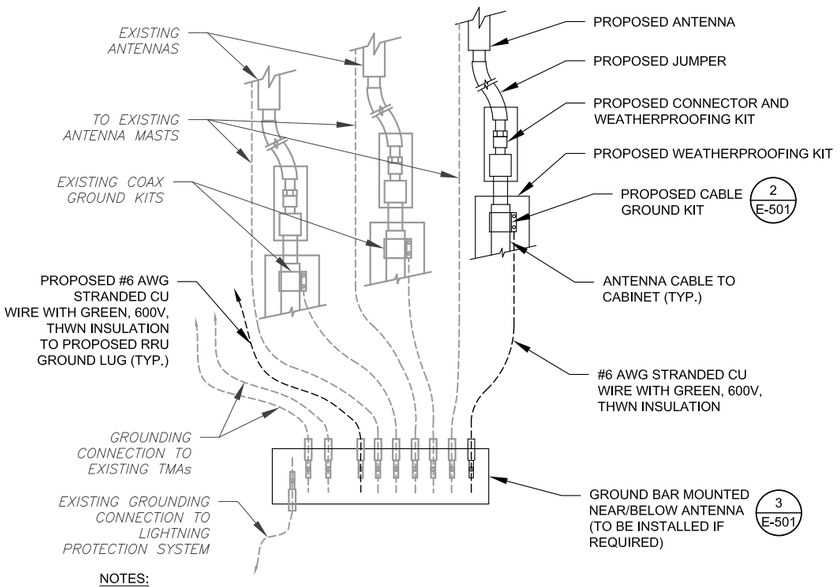
06/24/2021

verizon

DATE DRAWN:	05/04/21
ATC JOB NO:	13668835
CUSTOMER ID:	EAST HADDAM CT
CUSTOMER #:	467390

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

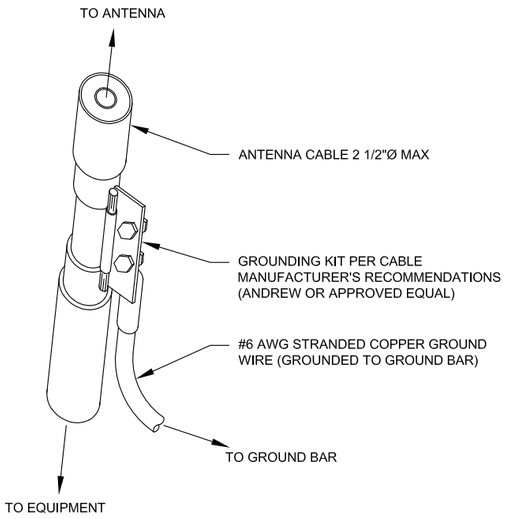


NOTES:

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 WIRELESS GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON WIRELESS 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.

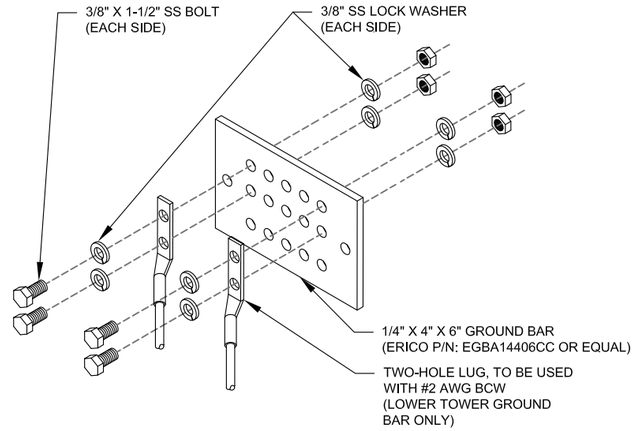


GROUND KIT NOTES:

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®

POD
POWER OF DESIGN
11490 BLUEGRASS PKWY
LOUISVILLE, KY 40299
502-437-5252

REV.	DESCRIPTION	BY	DATE
A	PRELIM	AMM	05/04/21
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135 HONEY HILL ROAD
EAST HADDAM, CT 06423

SEAL:

06/24/2021

verizon

DATE DRAWN:	05/04/21
ATC JOB NO:	13668835
CUSTOMER ID:	EAST HADDAM CT
CUSTOMER #:	467390

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

verizon

MASER CONSULTING CONNECTICUT

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
(856) 797-0412
peter.albano@colliersengineering.com

Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10070584
Maser Consulting Connecticut Project #: 21777469A

June 8, 2021

Site Information

Site ID:	*467390-VZW / EAST HADDAM CT*
Site Name:	*EAST HADDAM CT*
Carrier Name:	*Verizon Wireless*
Address:	*135 Honey Hill Rd* *East Haddam, Connecticut 06423* *Middlesex County*
Latitude:	*41.436944°*
Longitude:	*-72.366389°*

Structure Information

Tower Type:	*Monopole*
Mount Type:	*14.50-ft Platform*

FUZE ID # 16272155

Analysis Results

Platform: **43.4% 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: Grant Walters

STATE OF CONNECTICUT · PATROS TSOUKALAS · 32577 · LICENSED PROFESSIONAL ENGINEER

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

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
Face Horizontal	12.8 %	Pass
Standoff Horizontal	41.0 %	Pass
Platform Crossmember	27.6 %	Pass
Corner Plate	25.3 %	Pass
Grating Support	16.4 %	Pass
Cross Arm Plate	34.1 %	Pass
Support Rail	30.3 %	Pass
Mount Pipe	42.6 %	Pass
Mount Pipe L	33.1 %	Pass
Handrail Corner	43.4 %	Pass
Mount Connection	34.0 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**43.4%**

Recommendation:

The proposed antenna mount is **SUFFICIENT** for the final loading configuration and do not require modifications.

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:

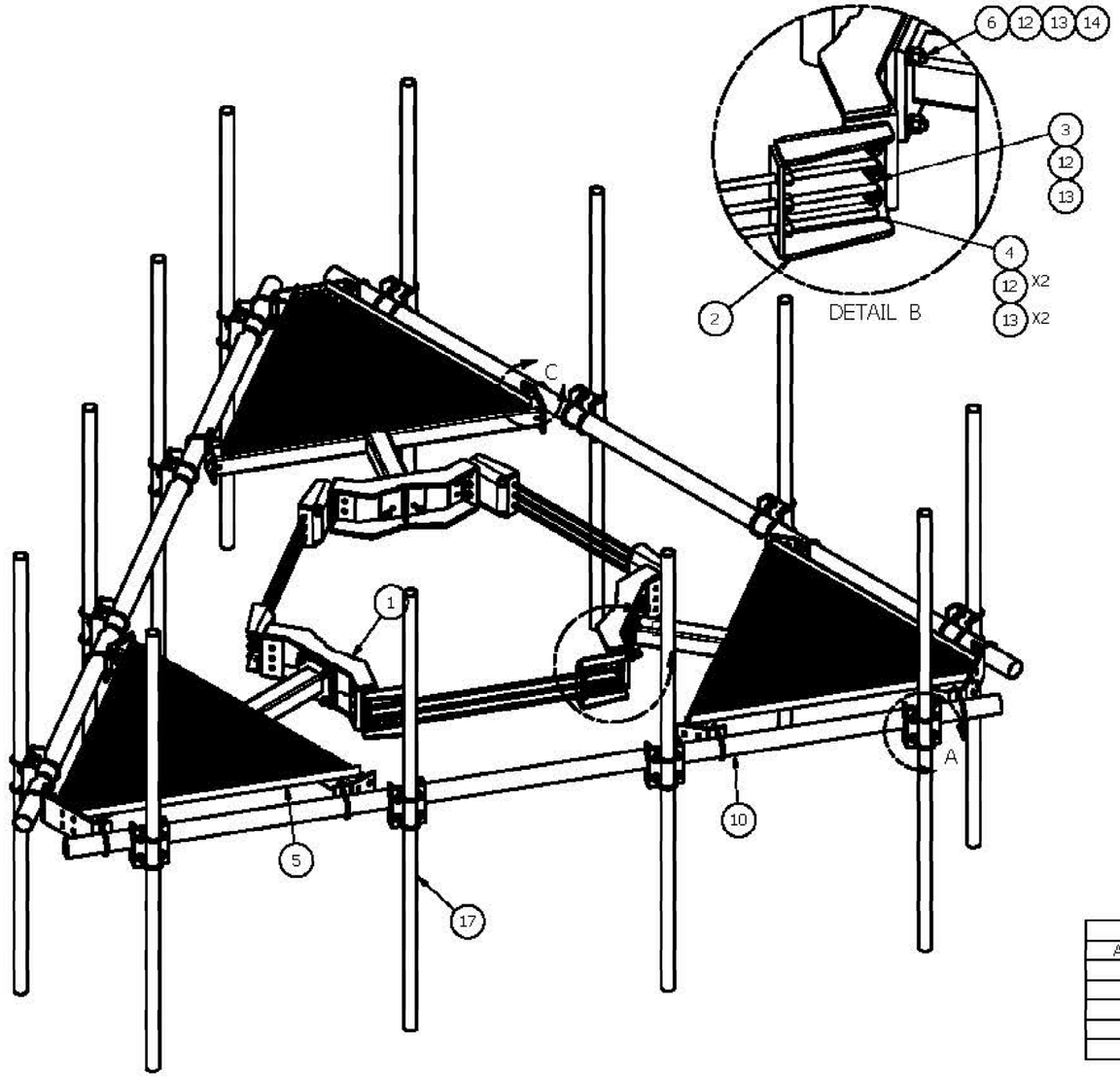
1. Mount Specification
2. Analysis Calculations
3. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter

1 MOUNT ANALYSIS

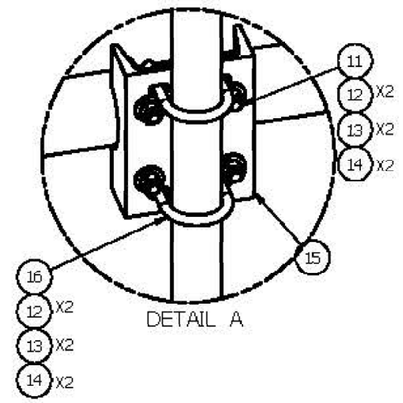
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERYIFY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

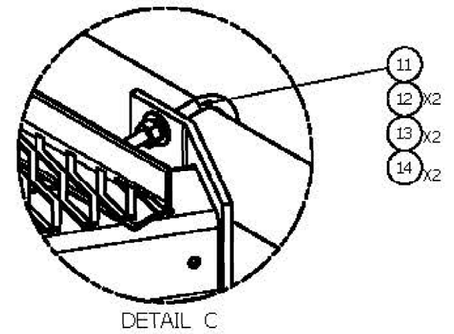
SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	6	X-178627	BENT EXTENSION BRACKET		15.80	94.79
3	18	A5802	5/8" x 2" HDG A325 HEX BOLT		0.27	4.89
4	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.40	3.59
4	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.40	3.59
5	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
6	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2.75	0.36	4.27
7	30	A58FW	5/8" HDG A325 FLATWASHER		0.03	1.02
8	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
9	48	A58NUT	5/8" HDG A325 HEX NUT		0.13	6.23
10	3	P3174	3-1/2" X 174" SCH 40 GALVANIZED PIPE	174.000 in	109.97	329.90
11	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.26	9.25
12	120	G12FW	1/2" HDG USS FLATWASHER		0.03	4.09
13	120	G12LW	1/2" HDG LOCKWASHER		0.01	1.67
14	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
15	12	X-SP219	SMALL SUPPORT CROSS PLATE	8.250 in	8.61	103.33
16	24	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.26	6.17
17	12	B	ANTENNA MOUNTING PIPE	C	D	E





2-3/8" O.D. VERTICAL MOUNTING PIPES					
ASSEMBLY NO. "A"	PART NO. "B"	LENGTH, "C"	UNIT WEIGHT, "D"	NET WEIGHT, "E"	TOTAL WEIGHT
RMVP-463	P263	63"	20.18	242.16	1739.29
RMVP-472	P272	72"	23.07	276.84	1773.97
RMVP-484	P284	84"	26.91	322.92	1820.05
RMVP-496	P296	96"	30.76	369.12	1866.25
RMVP-4126	P2126	126"	40.75	489.00	1986.13

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	ADDED 10' 6" ANTENNA MOUNTING PIPES		CEK	7/9/2015

REVISION HISTORY

TOLERANCE NOTE

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE - ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

DESCRIPTION
LOW PROFILE CO-LOCATION PLATFORM
FOR 12 ANTENNAS WITH 14' 6" FACE WIDTH
FOR 30" - 60" DIAMETER POLES

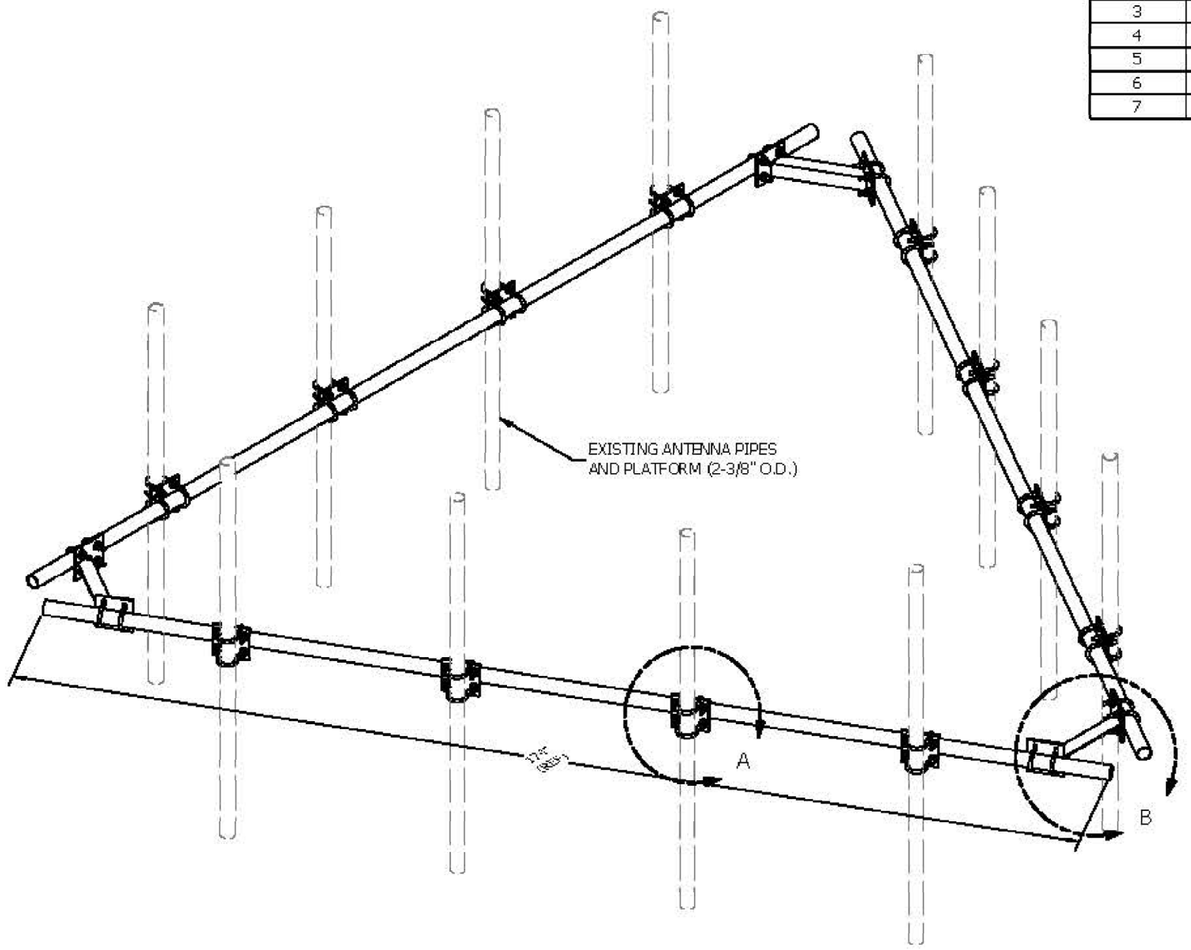
SITE PRO 1
A valmont company

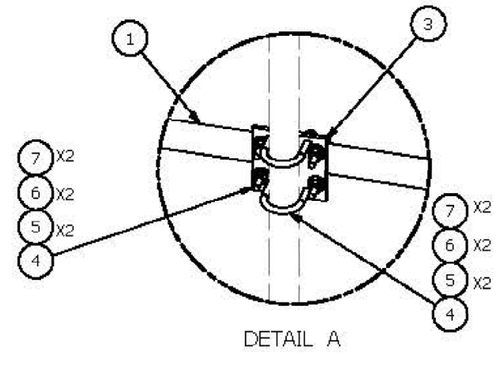
Engineering Support Team:
1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

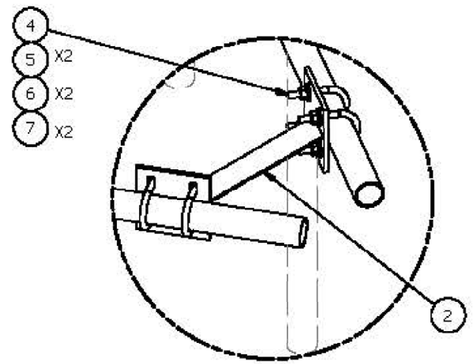
DRAWN BY	CPD NO.	DRAWING USAGE	PART NO.	PAGE
CEK 1/20/2012		CUSTOMER	SEE ASSEMBLY NO. "A"	1 OF 2
ENG. APPROVAL	CHECKED BY		DWG. NO.	
	BMC 7/9/2015		RMVP-4XX	

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	P2174	2-3/8" OD X 174" SCH 40 GALVANIZED PIPE	174 in	55.75	167.24
2	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
3	12	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"	6 in	3.71	44.50
4	60	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	37.51
5	120	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	4.09
6	120	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	1.67
7	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
					TOTAL WT. #	302.36





DETAIL A



DETAIL B

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REPLACED HCP WITH X-AHCP		CBK	7/11/2014

REVISION HISTORY

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

DESCRIPTION: HANDRAIL KIT FOR 14'-6" FACE

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	KC8 5/30/2012		HRK14

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	BMC 7/13/2014	HRK14

SITE PRO 1
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Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX