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 14th, 2021

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

RE: Notice of Exempt Modification // Site: PETRO LOCK (ATC: 302468)
99 Meadow St, Hartford, CT, 06114
N 41.74319 // W 72.6675

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains 11 antennas at the 79-foot mount on the existing 147-foot monopole tower, located at 99 Meadow St, Hartford, CT. The tower is owned by American Tower. The property is owned by Meadow St Realty, LLC. Verizon Wireless facility was approved for colocation by the Council in 2016. Verizon Wireless now intends to install 3 new antennas with 6 RRHs and install them on side-by-side mounts for its 5G (3700 MHz) upgrade. Additionally, Verizon Wireless will replace existing mount and remove 3 Antennas and 9 remote radio head units (RRUs); 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 Luke Bronin, Mayor of the City of Hartford, its Council President as P&Z official, Maly D. Rosado, American Tower, the tower owner, and to the property owner, Meadow St Realty, LLC.

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 July 2, 2021 and a structural analysis dated April 19, 2021 by A.T. Engineering Service, PLLC, a structural mount analysis date June 17, 2021 by Maser Consulting Connecticut, 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 April 19, 2021 and a structural mount analysis by Maser Consulting Connecticut, dated June 17, 2021, pursuant to certain conditions defined therein. Design and engineering are fully illustrated within final construction drawings, signed and stamped dated July 2, 2021.

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

Sincerely,

Mj Umali

_____

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Mobile: (978) 568-7906
MUmali@centerlinecommunications.com

Attachments

cc: Luke Bronin, Mayor of the City of Hartford - as chief elected official
Maly D. Rosado, Council President for the City of Hartford - as P&Z official
American Tower Corporation - as tower owner
Meadow St Realty, LLC.- as property owner

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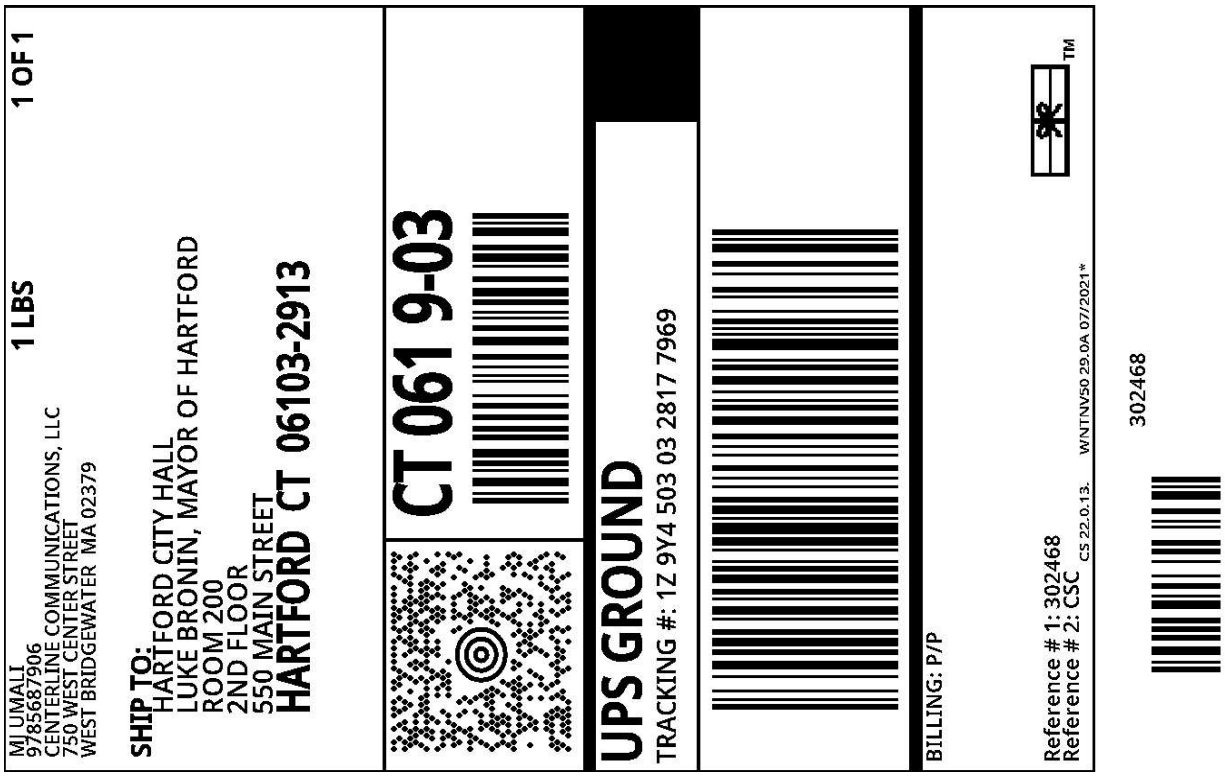

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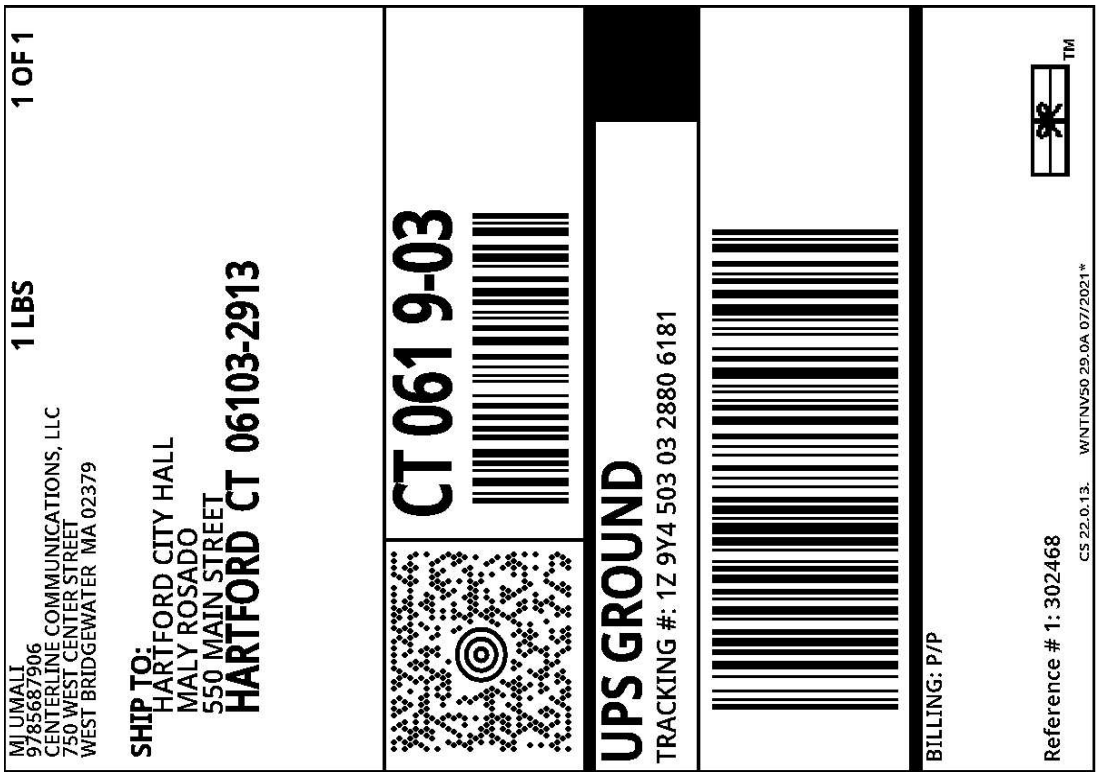

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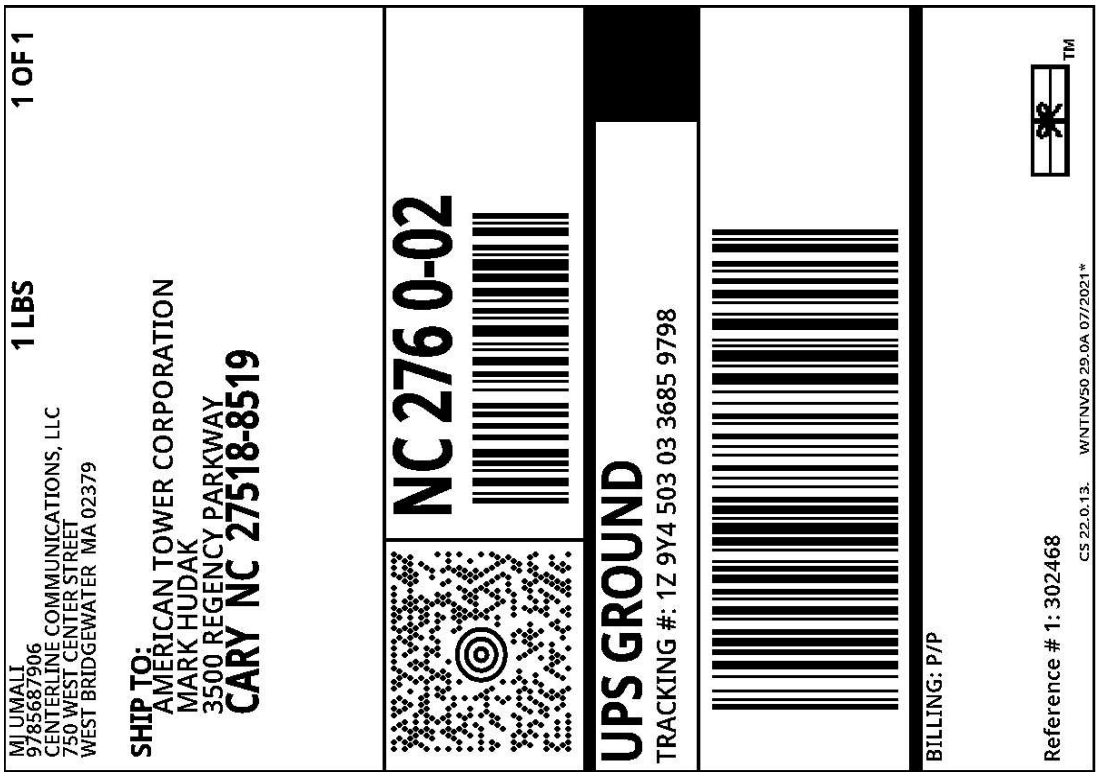

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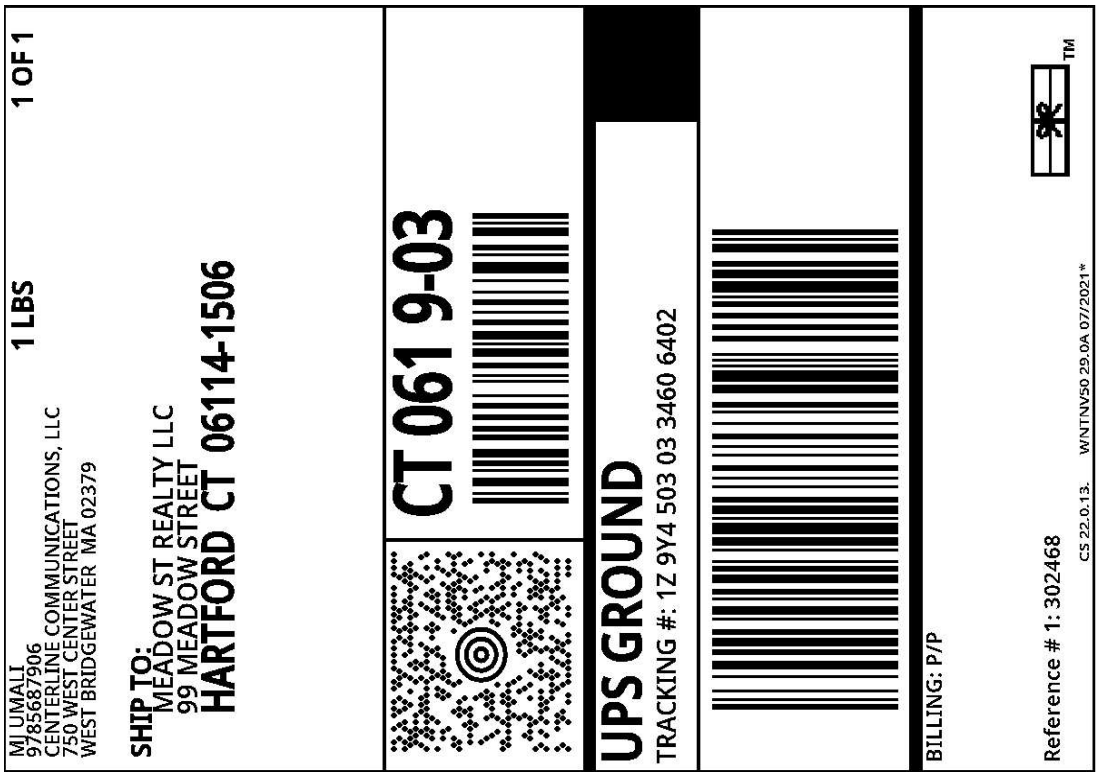

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Structural Analysis Report

Structure	:	**147.9 ft Monopole**
ATC Site Name	:	**Petro Lock, CT**
ATC Asset Number	:	**302468**
Engineering Number	:	**13668981_C3_01**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**HARTFORD SO V**
Carrier Site Number	:	**468345**
Site Location	:	**99 Meadow St** **Hartford, CT 06114-1598** **41.743200,-72.667500**
County	:	**Hartford**
Date	:	**April 19, 2021**
Max Usage	:	**69%**
Result	:	**Pass**

Prepared By:
Daniel Hinshaw
Structural Engineer I

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

Supporting Documents

Tower Drawings	FWT Job #21719000 Rev. 1, dated July 18, 2000
Foundation Drawing	FWT Job #21719000 Rev. 1, dated July 18, 2000
Geotechnical Report	Osprey Environmental Engineering Job #98083-01, dated August 28, 1998
Mount Analysis	TEP Project #68495.424417, dated June 19, 2020

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:	118 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1 1/2" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Spectral Response:	Ss = 0.19, 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
152.0	4	Decibel DB844H90E-XY	Platform with Handrails	-	SPRINT NEXTEL
	8	Andrew 844G65VTZASX			
137.0	7	Powerwave Allgon LGP21401	Platform with Handrails	(2) 0.39" (10mm) Fiber Trunk (2) 0.39" (9.8mm) Cable (8) 0.78" (19.7mm) 8 AWG 6 (11) 1 5/8" Coax (3) 3" conduit	AT&T MOBILITY
	2	Raycap DC6-48-60-18-8F (23.5" Height)			
	1	Raycap DC6-48-60-18-8F ("Squid")			
	3	Ericsson RRUS 4478 B14 (15")			
	3	Ericsson RRUS 4449 B5, B12			
	6	Powerwave Allgon 7020.00 Dual Band RET			
	6	Powerwave Allgon LGP21901			
	2	Kathrein Scala 80010965			
	1	CCI DMP65R-BU8D			
	1	Kathrein Scala 80010966			
	1	CCI TPA-65R-LCUUUU-H8			
	2	CCI DMP65R-BU6DA			
	2	Quintel QS66512-3 (112 lbs.)			
	3	Powerwave Allgon 7750.00			
	3	Ericsson RRUS-32 B30 (77 lbs)			
	3	Ericsson RRUS E2 B29			
	6	Ericsson RRUS 32 B2			
	3	Ericsson RRUS 32 B66A			
	1	Raycap DC6-48-60-18-8C			
123.0	5	Ericsson KRY 112 489/1	Platform with Handrails	(2) 1 1/4" (1.25"-31.8mm) Fiber (1) 1 5/8" (1.63"-41.3mm) Fiber (12) 1 5/8" Coax	T-MOBILE
	3	Ericsson KRY 112 144/1			
	3	RFS APX16DWV-16DWVS-E-A20			
	3	RFS APXVAARR24_43-U-NA20			
	3	Ericsson AIR32 B66Aa/B2a			
	3	Ericsson Radio 4449 B71 B85A			
	3	Ericsson RRUS 4415 B25			
	3	Ericsson Air6449 B41			
113.0	3	RFS APXV18-206517	Flush	(6) 1 5/8" Coax	METRO PCS INC
98.0	3	RFS IBC1900HG-2A	Low Profile Platform	(3) 1 1/4" Hybriflex Cable (1) 1.7" (43.2mm) Hybrid	SPRINT NEXTEL
	3	RFS IBC1900BB-1			
	3	RFS APXVSPP18-C-A20			
	3	Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter			
	3	Alcatel-Lucent 4x40W RRH (88 lb)			
	3	Nokia 2.5G MAA - AAHC(64T64R)			

Existing and Reserved Equipment (Continued)

Elev.[1] (ft)	Qty	Antenna	Mount Type	Lines	Carrier
90.0	3	DragonWave Horizon Compact	Side Arm	(3) 1/2" Coax (1) 2" conduit	CLEARWIRE CORPORATION
	3	NextNet BTS-2500			
	3	Argus LLPX310R			
	2	DragonWave A-ANT-18G-2-C			
	1	DragonWave A-ANT-11G-2.5-C			
79.0	2	RFS DB-T1-6Z-8AB-0Z	Triangular Low Profile Platform	(2) 1 5/8" Hybriflex	VERIZON WIRELESS
	9	Commscope SBNHH-1D65B			
20.0	1	Lucent KS-24019	Stand-Off	(1) 1/2" Coax	SPRINT NEXTEL

Equipment to be Removed

Elev.[1] (ft)	Qty	Antenna	Mount Type	Lines	Carrier
79.0	3	Alcatel-Lucent RRH2X60-AWS	-	-	VERIZON WIRELESS
	3	Commscope SBNHH-1D65B			
	3	Alcatel-Lucent RRH2x60			
	3	Alcatel-Lucent RRH2x60 700			

Proposed Equipment

Elev.[1] (ft)	Qty	Antenna	Mount Type	Lines	Carrier
79.0	3	Samsung B5/B13 RRH-BR04C	Triangular Low Profile Platform	-	VERIZON WIRELESS
	3	Samsung B2/B66A RRH-BR049			
	3	Samsung MT6407-77A			

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

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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:

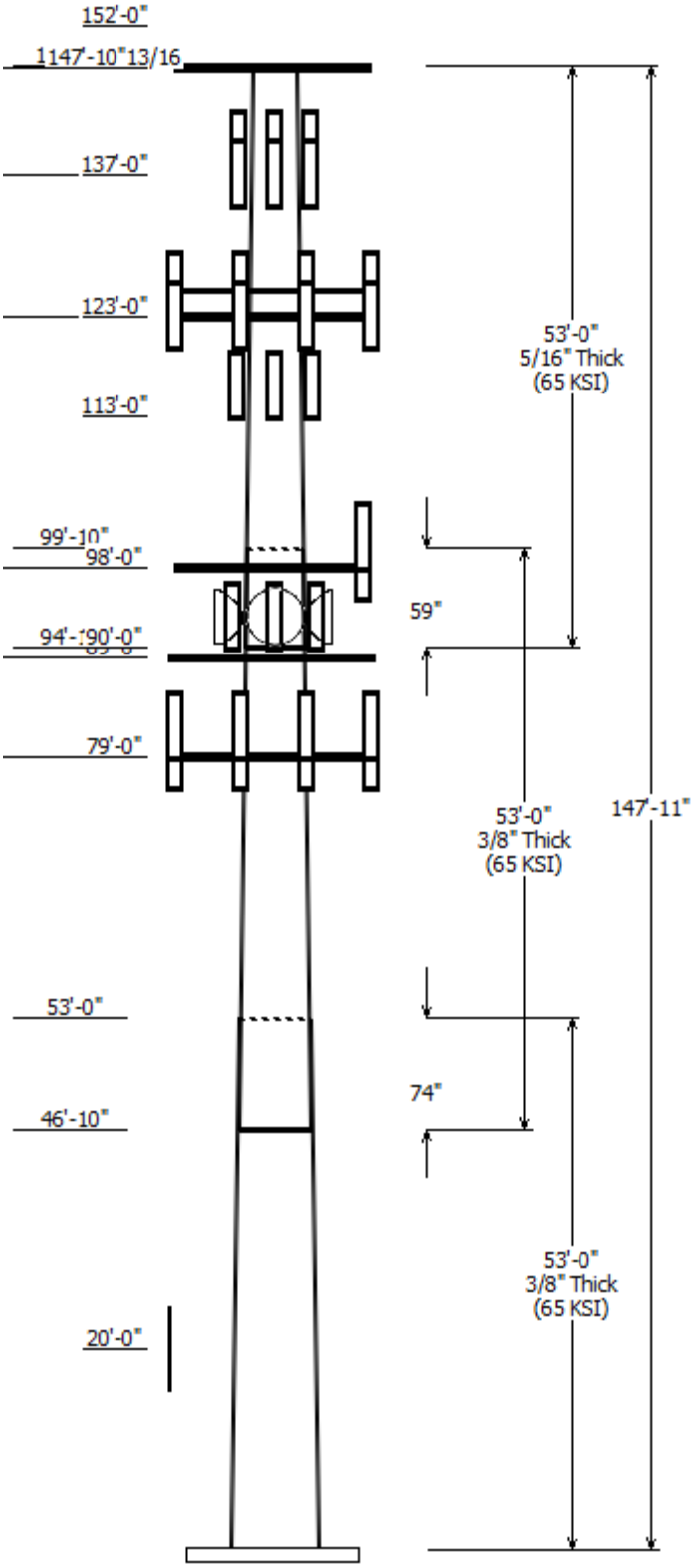
- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Service, PLLC

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

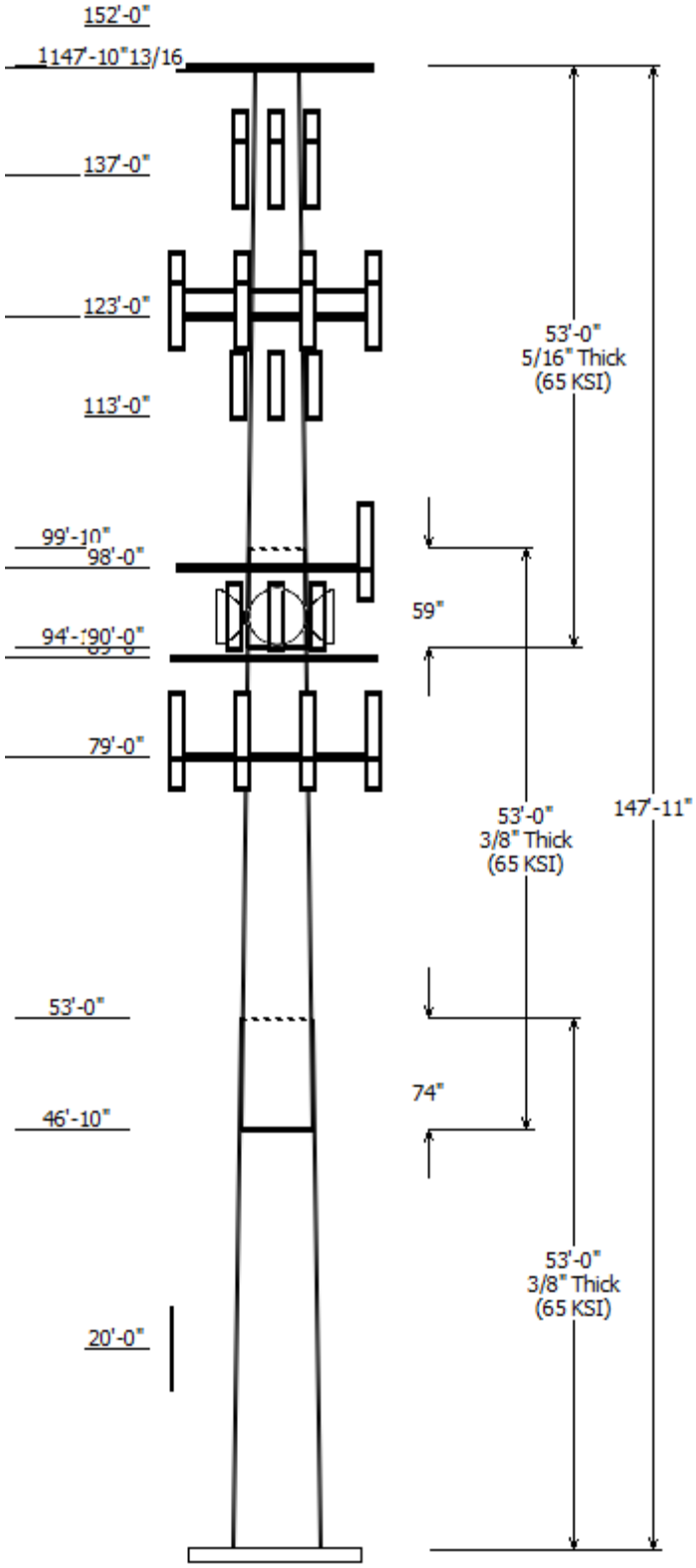
Client :	VERIZON WIRELESS		
Pole :	302468	Code:	ANSI/TIA-222-H
Location :	Petro Lock, CT		
Description :	148' FWT Monopole	Risk Category :	II
Shape :	18 Sides	Exposure :	B
Height :	147.92 (ft)	Topo Method :	Method 1
Base Elev (ft):	0.00	Topographic Category :	1
Taper:	0.214568 (in/ft)		

Sections Properties

Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	53.000	45.20	56.58	0.375		0.000	18 Sides	65
2	53.000	35.90	47.28	0.375	Slip Joint	74.000	18 Sides	65
3	53.000	26.21	37.58	0.313	Slip Joint	59.000	18 Sides	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
152.000	152.000	8	Andrew 844G65VTZASX
152.000	152.000	4	Decibel DB844H90E-XY
147.900	147.900	1	Flat Platform w/ Handrails
137.000	137.000	1	Site Pro1 RMQLP-4120-H10
137.000	137.000	1	CCI DMP65R-BU8D
137.000	137.000	1	Kathrein Scala 80010966
137.000	138.000	2	Kathrein Scala 80010965
137.000	138.000	1	CCI TPA-65R-LCUUUU-H8
137.000	137.000	2	CCI DMP65R-BU6DA
137.000	138.000	2	Quintel QS66512-3 (112 lbs.)
137.000	138.000	3	Powerwave Allgon 7750.00
137.000	137.000	3	Ericsson RRUS-32 B30 (77 lbs)
137.000	137.000	3	Ericsson RRUS E2 B29
137.000	137.000	3	Ericsson RRUS 32 B66A
137.000	138.000	1	Raycap DC6-48-60-18-8C
137.000	138.000	6	Ericsson RRUS 32 B2
137.000	137.000	3	Ericsson RRUS 4449 B5, B12
137.000	138.000	3	Ericsson RRUS 4478 B14 (15")
137.000	137.000	1	Raycap DC6-48-60-18-8F
137.000	138.000	2	Raycap DC6-48-60-18-8F (23.5"
137.000	138.000	7	Powerwave Allgon LGP21401
137.000	137.000	6	Powerwave Allgon 7020.00
137.000	138.000	6	Powerwave Allgon LGP21901
123.000	123.000	1	Generic Flat Platform with Han
123.000	123.000	3	RFS APXVAARR24_43-U-NA20
123.000	124.000	3	RFS APX16DWV-16DWVS-E-A20
123.000	123.000	3	Ericsson AIR32 B66Aa/B2a
123.000	123.000	3	Ericsson Air6449 B41
123.000	123.000	3	Ericsson RRUS 4415 B25
123.000	123.000	3	Ericsson Radio 4449 B71 B85A
123.000	124.000	5	Ericsson KRY 112 489/1
123.000	123.000	3	Ericsson KRY 112 144/1
113.000	114.000	3	RFS APXV18-206517
98.000	98.000	1	Round Low Profile Platform
98.000	98.000	3	Nokia 2.5G MAA -
98.000	99.000	3	Alcatel-Lucent 4x40W RRH (88 l
98.000	99.000	3	Alcatel-Lucent 800 MHz 2X50W
98.000	99.000	3	RFS APXVSPP18-C-A20
98.000	99.000	3	RFS IBC1900HG-2A
98.000	99.000	3	RFS IBC1900BB-1
90.000	91.000	1	DragonWave A-ANT-11G-2.5-C
90.000	91.000	2	DragonWave A-ANT-18G-2-C
90.000	91.000	3	Argus LLPX310R
90.000	91.000	3	NextNet BTS-2500
90.000	91.000	3	DragonWave Horizon Compact



89.000	89.000	3	Side Arms
79.000	79.000	1	Generic Round Low Profile
79.000	80.000	9	Commscope SBNHH-1D65B
79.000	80.000	2	RFS DB-T1-6Z-8AB-0Z
79.000	79.000	3	Samsung MT6407-77A
79.000	79.000	3	Samsung B2/B66A RRH-BR049
79.000	79.000	3	Samsung B5/B13 RRH-BR04C
20.000	20.000	1	Lucent KS-24019

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
5.000	20.000	1/2" Coax	Yes
5.000	79.000	1 5/8" Hybriflex	Yes
5.000	90.000	1/2" Coax	Yes
5.000	90.000	2" conduit	Yes
5.000	98.000	1 1/4" Hybriflex	No
5.000	98.000	1.7" (43.2mm)	No
5.000	113.0	1 5/8" Coax	No
5.000	123.0	1 1/4" (1.25"-	Yes
5.000	123.0	1 5/8" (1.63"-	No
5.000	123.0	1 5/8" Coax	No
5.000	123.0	1 5/8" Coax	Yes
5.000	137.0	0.39" (10mm)	No
5.000	137.0	0.39" (9.8mm)	No
5.000	137.0	0.78" (19.7mm) 8	No
5.000	137.0	1 5/8" Coax	No
5.000	137.0	1 5/8" Coax	No
5.000	137.0	3" conduit	No

Load Cases

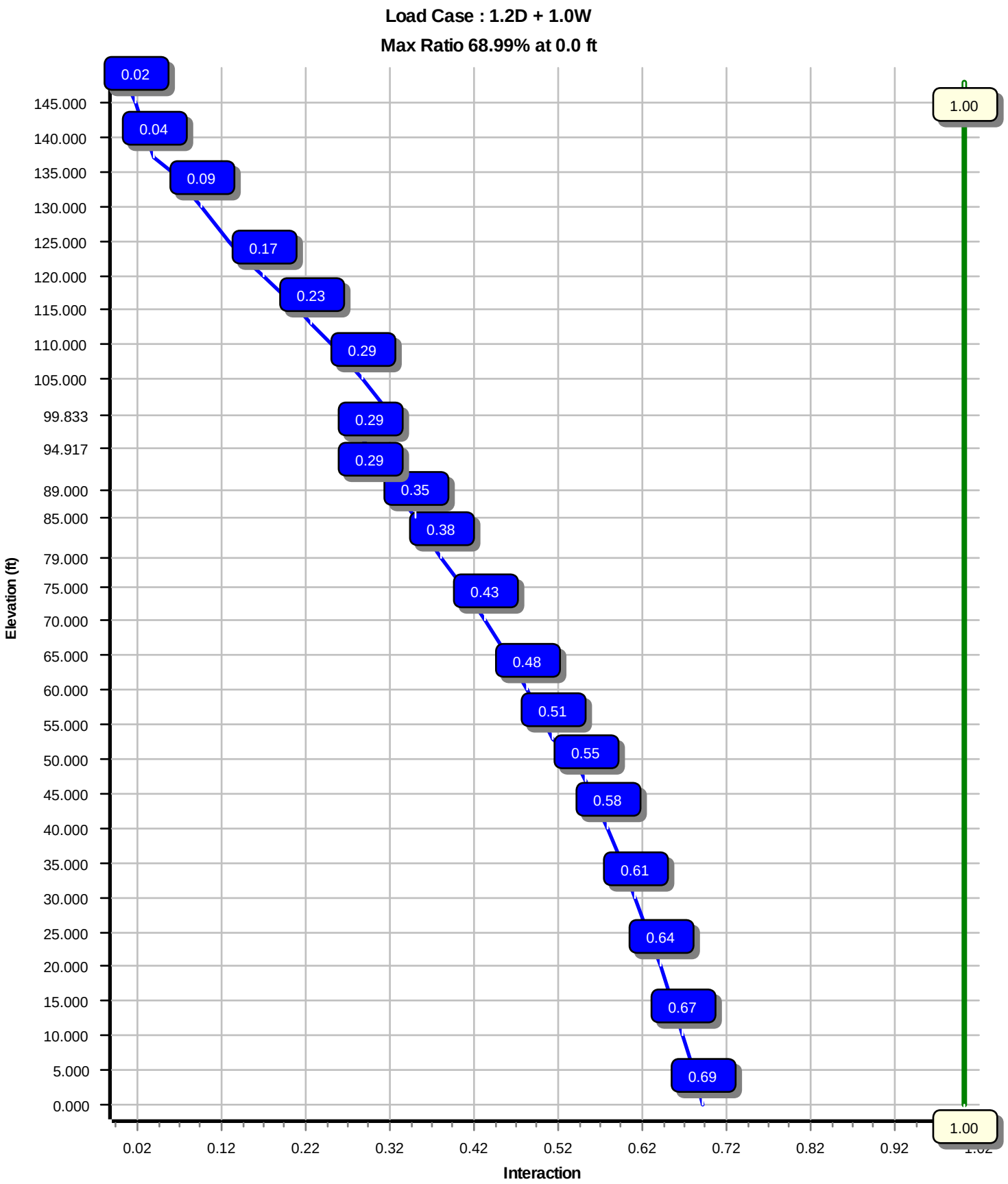
1.2D + 1.0W	118 mph with No Ice
0.9D + 1.0W	118 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.50 in Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	Serviceability 60 mph

Reactions

Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.0W	3393.95	31.69	63.76
0.9D + 1.0W	3349.25	31.66	47.81
1.2D + 1.0Di + 1.0Wi	955.82	8.85	99.75
1.2D + 1.0Ev + 1.0Eh	192.92	1.60	64.57
0.9D - 1.0Ev + 1.0Eh	189.71	1.60	44.72
1.0D + 1.0W	778.73	7.33	53.17

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	90.00	6.940	0.709
1.0D + 1.0W	90.00	6.940	0.709


Load Case : 1.2D + 1.0W
Max Ratio 68.99% at 0.0 ft
0.02
0.04
0.09
0.17
0.23
0.29
0.29
0.29
0.35
0.38
0.43
0.48
0.51
0.55
0.58
0.61
0.64
0.67
0.69
1.00
1.00
145.000
140.000
135.000
130.000
125.000
120.000
115.000
110.000
105.000
99.833
94.917
89.000
85.000
79.000
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: 302468 Code: ANSI/TIA-222-H

Site Name: Petro Lock, CT Engineering Number:13668981_C3_01 4/19/2021 3:34:18 PM

Customer: VERIZON WIRELESS

Analysis Parameters

Location :	Hartford County, CT	Height (ft) :	147.917
Code :	ANSI/TIA-222-H	Base Diameter (in) :	56.58
Shape :	18 Sides	Top Diameter (in) :	26.22
Pole Type :	Taper	Taper (in/ft) :	0.215
Pole Manfacturer :	FWT Inc	Rotation (deg) :	0.00
Kd (non-service) :	0.95	Ke :	1.00

Ice & Wind Parameters

Exposure Category:	B	Design Wind Speed Without Ice:	118 mph
Risk Category:	II	Design Wind Speed With Ice:	50 mph
Topographic Factor Procedure:	Method 1	Operational Wind Speed:	60 mph
Topographic Category:	1	Design Ice Thickness:	1.50 in
Crest Height:	0 ft	HMSL:	18.00 ft

Seismic Parameters

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil				
Period Based on Rayleigh Method (sec):	2.45				
T_L (sec):	6	p:	1	C_s:	0.030
S_s:	0.191	S_1:	0.055	C_s Max:	0.030
F_a:	1.600	F_v:	2.400	C_s Min:	0.030
S_{ds}:	0.204	S_{d1}:	0.088		

Load Cases

1.2D + 1.0W	118 mph with No Ice
0.9D + 1.0W	118 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 1.50 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: 302468 Code: ANSI/TIA-222-H

Site Name: Petro Lock, CT Engineering Number:13668981_C3_01 4/19/2021 3:34:18 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	53.000	0.3750	65		0.00	10,844	56.58	0.00	66.90	26698.9	24.84	150.88	45.20	53.00	53.36	13550.6	19.49	120.55	0.214568
2-18	53.000	0.3750	65	Slip	74.00	8,848	47.28	46.83	55.83	15518.7	20.47	126.08	35.90	99.83	42.29	6746.8	15.12	95.76	0.214568
3-18	53.000	0.3125	65	Slip	59.00	5,651	37.58	94.92	36.97	6490.6	19.45	120.28	26.21	147.92	25.69	2178.2	13.03	83.89	0.214568
				Shaft Weight		25,342													

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
152.00	Decibel DB844H90E-XY	4	0.75	0.000	14.00	3.615	0.73	124.47	3.921	0.73
152.00	Andrew 844G65VTZASX	8	0.75	0.000	16.00	5.310	0.71	171.78	6.311	0.71
147.90	Flat Platform w/ Handrails	1	1.00	0.000	2,000.00	42.400	1.00	3,420.69	63.365	1.00
137.00	Powerwave Allgon LGP21901	6	0.75	1.000	5.50	0.200	0.50	13.12	0.517	0.50
137.00	Powerwave Allgon 7020.00 Dual	6	0.75	0.000	2.20	0.339	0.50	12.34	0.745	0.50
137.00	Powerwave Allgon LGP21401	7	0.75	1.000	14.10	1.104	0.50	38.86	1.812	0.50
137.00	Raycap DC6-48-60-18-8F (23.5"	2	0.75	1.000	20.00	1.260	1.00	72.25	1.913	1.00
137.00	Raycap DC6-48-60-18-8F	1	0.75	0.000	31.80	1.470	1.00	93.02	2.163	1.00
137.00	Ericsson RRUS 4478 B14 (15")	3	0.75	1.000	59.40	1.650	0.50	108.72	2.491	0.50
137.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	134.95	2.895	0.50
137.00	Raycap DC6-48-60-18-8C	1	0.75	1.000	16.00	2.030	1.00	73.77	2.784	1.00
137.00	Ericsson RRUS 32 B66A	3	0.75	0.000	50.70	2.720	0.67	123.42	3.874	0.67
137.00	Ericsson RRUS 32 B2	6	0.75	1.000	53.00	2.743	0.67	125.98	3.903	0.67
137.00	Ericsson RRUS E2 B29	3	0.75	0.000	60.00	3.145	0.62	140.26	4.295	0.62
137.00	Ericsson RRUS-32 B30 (77 lbs)	3	0.75	0.000	77.00	3.314	0.71	173.50	4.588	0.71
137.00	Powerwave Allgon 7750.00	3	0.75	1.000	27.00	5.555	0.65	139.81	7.679	0.65
137.00	Quintel QS66512-3 (112 lbs.)	2	0.75	1.000	112.00	8.133	0.80	309.74	10.899	0.80
137.00	CCI DMP65R-BU6DA	2	0.75	0.000	79.40	12.709	0.72	335.01	15.476	0.72
137.00	CCI TPA-65R-LCUUUU-H8	1	0.75	1.000	81.60	13.298	1.00	356.25	17.003	1.00
137.00	Kathrein Scala 80010965	2	0.75	1.000	97.60	13.814	0.62	362.15	16.841	0.62
137.00	Kathrein Scala 80010966	1	0.75	0.000	114.60	17.363	1.00	433.23	21.024	1.00
137.00	CCI DMP65R-BU8D	1	0.75	0.000	95.70	17.871	1.00	432.96	21.528	1.00
137.00	Site Pro1 RMQLP-4120-H10	1	1.00	0.000	3,249.50	27.200	1.00	5,495.81	46.003	1.00
123.00	Ericsson KRY 112 144/1	3	0.80	0.000	11.00	0.351	0.50	21.56	0.749	0.50
123.00	Ericsson KRY 112 489/1	5	0.80	1.000	15.40	0.559	0.50	32.65	1.074	0.50
123.00	Ericsson Radio 4449 B71 B85A	3	0.80	0.000	75.00	1.650	0.50	134.01	2.483	0.50
123.00	Ericsson RRUS 4415 B25	3	0.80	0.000	46.00	1.842	0.50	94.11	2.722	0.50
123.00	Ericsson Air6449 B41	3	0.80	0.000	104.00	5.682	0.63	237.71	7.239	0.63
123.00	Ericsson AIR32 B66Aa/B2a	3	0.80	0.000	132.20	6.510	0.71	288.80	8.659	0.71
123.00	RFS APX16DWV-16DWVS-E-A20	3	0.80	1.000	40.70	6.586	0.60	155.32	8.711	0.60
123.00	RFS APXVAARR24_43-U-NA20	3	0.80	0.000	127.90	20.243	0.63	513.09	23.882	0.63
123.00	Generic Flat Platform with	1	1.00	0.000	2,500.00	42.400	1.00	4,243.00	62.977	1.00
113.00	RFS APXV18-206517	3	1.00	1.000	26.40	5.050	0.68	115.30	7.350	0.68
98.00	RFS IBC1900BB-1	3	0.80	1.000	22.00	0.966	0.50	47.88	1.600	0.50
98.00	RFS IBC1900HG-2A	3	0.80	1.000	22.00	0.966	0.50	47.88	1.600	0.50
98.00	Alcatel-Lucent 800 MHz 2X50W	3	0.80	1.000	64.00	2.058	1.00	137.87	2.976	1.00
98.00	Alcatel-Lucent 4x40W RRH (88	3	0.80	1.000	88.00	3.258	1.00	192.45	4.398	1.00
98.00	Nokia 2.5G MAA - AAHC(64T64R)	3	0.80	0.000	103.60	4.203	0.64	211.69	5.489	0.64
98.00	RFS APXVSPP18-C-A20	3	0.80	1.000	57.00	8.024	0.69	222.39	10.699	0.69
98.00	Round Low Profile Platform	1	1.00	0.000	1,500.00	21.700	1.00	2,121.21	40.108	1.00
90.00	DragonWave Horizon Compact	3	0.80	1.000	10.60	0.721	0.50	32.00	1.263	0.50
90.00	NextNet BTS-2500	3	0.80	1.000	35.00	1.817	0.50	79.13	2.689	0.50
90.00	Argus LLPX310R	3	0.80	1.000	28.60	4.292	0.63	114.36	5.866	0.63
90.00	DragonWave A-ANT-18G-2-C	2	1.00	1.000	27.10	4.688	1.00	119.97	5.900	1.00
90.00	DragonWave A-ANT-11G-2.5-C	1	1.00	1.000	47.60	8.670	1.00	216.21	10.314	1.00
89.00	Side Arms	3	1.00	0.000	560.00	8.500	0.67	1,004.24	15.243	0.67
79.00	Samsung B5/B13 RRH-BR04C	3	0.80	0.000	70.30	1.875	0.50	123.92	2.721	0.50
79.00	Samsung B2/B66A RRH-BR049	3	0.80	0.000	84.40	1.875	0.50	144.20	2.721	0.50

79.00	Samsung MT6407-77A	3	0.80	0.000	81.60	4.709	0.61	177.15	6.133	0.61
79.00	RFS DB-T1-6Z-8AB-0Z	2	0.80	1.000	44.00	4.800	0.72	161.98	6.132	0.72
79.00	Commscope SBNHH-1D65B	9	0.80	1.000	50.70	8.173	0.69	215.22	10.826	0.69
79.00	Generic Round Low Profile	1	1.00	0.000	1,875.00	21.700	1.00	2,634.18	39.698	1.00
20.00	Lucent KS-24019	1	1.00	0.000	4.00	0.910	1.00	24.34	1.721	1.00
Totals	Num Loadings:53	156			19,862.40			42,167.02		

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
5.00	137.00	2	0.39" (10mm) Fiber	0.39	0.06	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	137.00	2	0.39" (9.8mm) Cable	0.39	0.07	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	137.00	8	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	137.00	6	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	137.00	5	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	137.00	3	3" conduit	3.50	7.58	N	0	0.00	0.00	0	0.00	N	AT&T MOBILITY
5.00	123.00	2	1 1/4" (1.25"- 31.8mm)	1.25	1.05	N	2	1.00	1.00	60	1.00	Y	T-MOBILE
5.00	123.00	1	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0.00	0.00	0	0.00	N	T-MOBILE
5.00	123.00	6	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	T-MOBILE
5.00	123.00	6	1 5/8" Coax	1.98	0.82	N	6	1.00	1.00	40	1.00	Y	T-MOBILE
5.00	113.00	6	1 5/8" Coax	1.98	0.82	N	0	0.00	0.00	0	0.00	N	METRO PCS INC
5.00	98.00	3	1 1/4" Hybriflex Cable	1.54	1.00	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
5.00	98.00	1	1.7" (43.2mm) Hybrid	1.70	1.78	N	0	0.00	0.00	0	0.00	N	SPRINT NEXTEL
5.00	90.00	3	1/2" Coax	0.63	0.15	N	3	1.00	0.00	318	1.00	Y	CLEARWIRE
5.00	90.00	1	2" conduit	2.38	3.65	N	1	1.00	1.00	315	1.00	Y	CLEARWIRE
5.00	79.00	2	1 5/8" Hybriflex	1.98	1.30	N	2	1.00	1.00	180	1.00	Y	VERIZON WIRELESS
5.00	20.00	1	1/2" Coax	0.63	0.15	N	1	0.00	0.00	270	1.00	Y	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		0.3750	56.580	66.895	26,698.9	24.84	150.88	72.2	929.4	0.0	0.0
5.00		0.3750	55.507	65.618	25,199.0	24.34	148.02	72.8	894.2	0.0	1,127.3
10.00		0.3750	54.434	64.341	23,756.4	23.83	145.16	73.4	859.6	0.0	1,105.6
15.00		0.3750	53.361	63.065	22,369.9	23.33	142.30	74.0	825.7	0.0	1,083.8
20.00		0.3750	52.288	61.788	21,038.4	22.82	139.44	74.6	792.5	0.0	1,062.1
25.00		0.3750	51.216	60.511	19,760.8	22.32	136.57	75.2	760.0	0.0	1,040.4
30.00		0.3750	50.143	59.234	18,536.1	21.81	133.71	75.7	728.1	0.0	1,018.7
35.00		0.3750	49.070	57.957	17,363.0	21.31	130.85	76.3	696.9	0.0	996.9
40.00		0.3750	47.997	56.680	16,240.5	20.81	127.99	76.9	666.4	0.0	975.2
45.00		0.3750	46.924	55.403	15,167.4	20.30	125.13	77.5	636.6	0.0	953.5
46.83	Bot - Section 2	0.3750	46.531	54.935	14,786.1	20.12	124.08	77.7	625.9	0.0	344.2
50.00		0.3750	45.851	54.126	14,142.7	19.80	122.27	78.1	607.5	0.0	1,184.8
53.00	Top - Section 1	0.3750	45.958	54.253	14,242.1	19.85	122.55	78.1	610.4	0.0	1,106.4
55.00		0.3750	45.528	53.742	13,843.6	19.64	121.41	78.3	598.9	0.0	367.5
60.00		0.3750	44.456	52.465	12,880.1	19.14	118.55	78.9	570.7	0.0	903.5
65.00		0.3750	43.383	51.188	11,962.4	18.64	115.69	79.5	543.1	0.0	881.8
70.00		0.3750	42.310	49.911	11,089.3	18.13	112.83	80.1	516.2	0.0	860.0
75.00		0.3750	41.237	48.634	10,259.8	17.63	109.97	80.7	490.0	0.0	838.3
79.00		0.3750	40.379	47.613	9,626.8	17.22	107.68	81.1	469.6	0.0	655.0
80.00		0.3750	40.164	47.357	9,472.7	17.12	107.10	81.3	464.5	0.0	161.6
85.00		0.3750	39.091	46.081	8,726.9	16.62	104.24	81.9	439.7	0.0	794.9
89.00		0.3750	38.233	45.059	8,159.3	16.21	101.96	82.3	420.3	0.0	620.3
90.00		0.3750	38.019	44.804	8,021.4	16.11	101.38	82.4	415.6	0.0	152.9
94.92	Bot - Section 3	0.3750	36.964	43.548	7,365.7	15.62	98.57	82.6	392.5	0.0	739.1
95.00		0.3750	36.946	43.527	7,354.9	15.61	98.52	82.6	392.1	0.0	22.8
98.00		0.3750	36.302	42.761	6,973.3	15.31	96.81	82.6	378.3	0.0	814.4
99.83	Top - Section 2	0.3125	36.534	35.926	5,955.0	18.85	116.91	79.2	321.0	0.0	490.6
100.0		0.3125	36.498	35.890	5,937.4	18.83	116.79	79.3	320.4	0.0	20.4
105.0		0.3125	35.425	34.826	5,424.8	18.23	113.36	80.0	301.6	0.0	601.6
110.0		0.3125	34.352	33.762	4,942.6	17.62	109.93	80.7	283.4	0.0	583.5
113.0		0.3125	33.709	33.124	4,667.5	17.26	107.87	81.1	272.7	0.0	341.4
115.0		0.3125	33.279	32.698	4,489.8	17.01	106.49	81.4	265.7	0.0	224.0
120.0		0.3125	32.207	31.634	4,065.6	16.41	103.06	82.1	248.6	0.0	547.3
123.0		0.3125	31.563	30.995	3,824.4	16.05	101.00	82.5	238.7	0.0	319.7
125.0		0.3125	31.134	30.570	3,669.0	15.80	99.63	82.6	232.1	0.0	209.5
130.0		0.3125	30.061	29.506	3,299.0	15.20	96.19	82.6	216.2	0.0	511.1
135.0		0.3125	28.988	28.442	2,954.8	14.59	92.76	82.6	200.8	0.0	493.0
137.0		0.3125	28.559	28.016	2,824.1	14.35	91.39	82.6	194.8	0.0	192.1
140.0		0.3125	27.915	27.377	2,635.4	13.99	89.33	82.6	185.9	0.0	282.7
145.0		0.3125	26.842	26.313	2,339.9	13.38	85.90	82.6	171.7	0.0	456.7
147.9		0.3125	26.220	25.696	2,179.1	13.03	83.90	82.6	163.7	0.0	256.6
147.9		0.3125	26.216	25.693	2,178.2	13.03	83.89	82.6	163.6	0.0	1.5
											25,342.4

Site Number: 302468 Code: ANSI/TIA-222-H

Site Name: Petro Lock, CT Engineering Number:13668981_C3_01 4/19/2021 3:34:19 PM

Customer: VERIZON WIRELESS

Load Case: 1.2D + 1.0W 118 mph with No Ice 23 Iterations

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

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		194.6	0.0					0.0	0.0	194.6	0.0	0.0	0.0
5.00		415.8	1,352.7					0.0	0.0	415.8	1,352.7	0.0	0.0
10.00		438.1	1,326.7					0.0	401.0	438.1	1,727.7	0.0	0.0
15.00		429.5	1,300.6					0.0	401.0	429.5	1,701.6	0.0	0.0
20.00	Appurtenance(s)	420.8	1,274.5	23.7	0.0	0.0	4.8	0.0	401.0	444.5	1,680.4	0.0	0.0
25.00		412.2	1,248.5					0.0	400.1	412.2	1,648.6	0.0	0.0
30.00		408.3	1,222.4					0.0	400.1	408.3	1,622.5	0.0	0.0
35.00		412.7	1,196.3					0.0	400.1	412.7	1,596.5	0.0	0.0
40.00		419.5	1,170.3					0.0	400.1	419.5	1,570.4	0.0	0.0
45.00		289.1	1,144.2					0.0	400.1	289.1	1,544.3	0.0	0.0
46.83	Bot - Section 2	215.2	413.0					0.0	146.7	215.2	559.7	0.0	0.0
50.00		267.8	1,421.8					0.0	253.4	267.8	1,675.2	0.0	0.0
53.00	Top - Section 1	217.7	1,327.6					0.0	240.1	217.7	1,567.7	0.0	0.0
55.00		305.4	441.0					0.0	160.1	305.4	601.0	0.0	0.0
60.00		436.4	1,084.2					0.0	400.1	436.4	1,484.3	0.0	0.0
65.00		435.7	1,058.1					0.0	400.1	435.7	1,458.3	0.0	0.0
70.00		434.0	1,032.1					0.0	400.1	434.0	1,432.2	0.0	0.0
75.00		388.6	1,006.0					0.0	400.1	388.6	1,406.1	0.0	0.0
79.00	Appurtenance(s)	215.0	786.0	2,730.4	0.0	1,592.3	3,753.8	0.0	320.1	2,945.4	4,860.0	0.0	0.0
80.00		255.9	193.9					0.0	76.9	255.9	270.8	0.0	0.0
85.00		381.9	953.8					0.0	384.5	381.9	1,338.4	0.0	0.0
89.00	Appurtenance(s)	210.8	744.3	607.9	0.0	0.0	2,016.0	0.0	307.6	818.8	3,067.9	0.0	0.0
90.00	Appurtenance(s)	246.8	183.5	987.7	0.0	987.7	389.3	0.0	76.9	1,234.4	649.7	0.0	0.0
94.92	Bot - Section 3	208.3	886.9					0.0	353.9	208.3	1,240.8	0.0	0.0
95.00		129.2	27.4					0.0	6.0	129.2	33.4	0.0	0.0
98.00	Appurtenance(s)	202.0	977.3	2,070.3	0.0	1,040.5	3,083.8	0.0	216.0	2,272.2	4,277.0	0.0	0.0
99.83	Top - Section 2	83.2	588.8					0.0	121.5	83.2	710.2	0.0	0.0
100.00		212.7	24.4					0.0	11.0	212.7	35.5	0.0	0.0
105.00		408.1	721.9					0.0	331.3	408.1	1,053.2	0.0	0.0
110.00		322.0	700.2					0.0	331.3	322.0	1,031.4	0.0	0.0
113.00	Appurtenance(s)	198.7	409.7	393.4	0.0	393.4	95.0	0.0	198.8	592.1	703.5	0.0	0.0
115.00		273.8	268.8					0.0	120.7	273.8	389.5	0.0	0.0
120.00		309.7	656.7					0.0	301.7	309.7	958.5	0.0	0.0
123.00	Appurtenance(s)	190.7	383.6	4,212.3	0.0	414.7	5,024.9	0.0	181.0	4,403.0	5,589.5	0.0	0.0
125.00		262.1	251.4					0.0	88.2	262.1	339.6	0.0	0.0
130.00		368.1	613.3					0.0	220.4	368.1	833.7	0.0	0.0
135.00		253.2	591.5					0.0	220.4	253.2	812.0	0.0	0.0
137.00	Appurtenance(s)	162.6	230.5	5,752.6	0.0	2,322.8	6,846.5	0.0	88.2	5,915.2	7,165.2	0.0	0.0
140.00		239.7	339.3					0.0	0.0	239.7	339.3	0.0	0.0
145.00		232.7	548.1					0.0	0.0	232.7	548.1	0.0	0.0
147.90		84.6	307.9					0.0	0.0	84.6	307.9	0.0	0.0
147.92		0.5	1.8					0.0	0.0	0.5	1.8	0.0	0.0
								Totals:		28,771.8	61,186.1	0.00	0.00

Load Case: 1.2D + 1.0W 118 mph with No Ice 23 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	-63.76	-31.69	0.00	-3,393.95	0.00	3,393.95	4,345.86	1,174.01	5,959.72	5,031.69	0.00	0.00	0.690
5.00	-62.31	-31.46	0.00	-3,235.51	0.00	3,235.51	4,297.95	1,151.60	5,734.39	4,880.60	0.10	-0.18	0.678
10.00	-60.48	-31.21	0.00	-3,078.20	0.00	3,078.20	4,248.67	1,129.19	5,513.41	4,730.12	0.38	-0.35	0.666
15.00	-58.69	-30.95	0.00	-2,922.18	0.00	2,922.18	4,198.03	1,106.78	5,296.77	4,580.35	0.84	-0.53	0.653
20.00	-56.92	-30.67	0.00	-2,767.45	0.00	2,767.45	4,146.02	1,084.37	5,084.47	4,431.37	1.50	-0.72	0.639
25.00	-55.18	-30.41	0.00	-2,614.12	0.00	2,614.12	4,092.65	1,061.96	4,876.51	4,283.28	2.35	-0.90	0.625
30.00	-53.47	-30.14	0.00	-2,462.10	0.00	2,462.10	4,037.92	1,039.55	4,672.90	4,136.16	3.39	-1.08	0.609
35.00	-51.78	-29.86	0.00	-2,311.40	0.00	2,311.40	3,981.82	1,017.14	4,473.63	3,990.12	4.62	-1.26	0.593
40.00	-50.13	-29.56	0.00	-2,162.10	0.00	2,162.10	3,924.36	994.73	4,278.70	3,845.24	6.04	-1.45	0.576
45.00	-48.53	-29.34	0.00	-2,014.29	0.00	2,014.29	3,865.53	972.33	4,088.11	3,701.60	7.65	-1.63	0.558
46.83	-47.93	-29.19	0.00	-1,960.50	0.00	1,960.50	3,843.62	964.11	4,019.31	3,649.27	8.29	-1.70	0.551
50.00	-46.21	-28.96	0.00	-1,868.08	0.00	1,868.08	3,805.35	949.92	3,901.86	3,559.31	9.46	-1.81	0.538
53.00	-44.60	-28.76	0.00	-1,781.20	0.00	1,781.20	3,811.37	952.14	3,920.12	3,573.35	10.63	-1.92	0.511
55.00	-43.95	-28.53	0.00	-1,723.68	0.00	1,723.68	3,786.97	943.17	3,846.67	3,516.77	11.46	-2.00	0.503
60.00	-42.40	-28.16	0.00	-1,581.04	0.00	1,581.04	3,725.00	920.76	3,666.07	3,376.36	13.64	-2.17	0.481
65.00	-40.88	-27.79	0.00	-1,440.22	0.00	1,440.22	3,661.68	898.35	3,489.81	3,237.50	16.00	-2.33	0.457
70.00	-39.39	-27.41	0.00	-1,301.28	0.00	1,301.28	3,596.99	875.94	3,317.90	3,100.29	18.53	-2.50	0.432
75.00	-37.94	-27.05	0.00	-1,164.26	0.00	1,164.26	3,530.94	853.53	3,150.33	2,964.81	21.24	-2.66	0.404
79.00	-33.19	-23.92	0.00	-1,054.48	0.00	1,054.48	3,477.11	835.61	3,019.39	2,857.73	23.51	-2.78	0.379
80.00	-32.90	-23.70	0.00	-1,030.56	0.00	1,030.56	3,463.52	831.12	2,987.10	2,831.15	24.10	-2.81	0.374
85.00	-31.53	-23.32	0.00	-912.06	0.00	912.06	3,394.74	808.71	2,828.21	2,699.41	27.12	-2.96	0.348
89.00	-28.48	-22.38	0.00	-818.76	0.00	818.76	3,338.73	790.79	2,704.22	2,595.46	29.64	-3.07	0.325
90.00	-27.87	-21.15	0.00	-795.40	0.00	795.40	3,324.59	786.30	2,673.66	2,569.68	30.29	-3.10	0.319
94.92	-26.61	-20.90	0.00	-691.41	0.00	691.41	3,235.40	764.27	2,525.93	2,429.96	33.55	-3.23	0.294
95.00	-26.57	-20.79	0.00	-689.67	0.00	689.67	3,233.82	763.90	2,523.46	2,427.58	33.60	-3.23	0.293
98.00	-22.41	-18.30	0.00	-626.26	0.00	626.26	3,176.90	750.45	2,435.42	2,342.45	35.66	-3.30	0.275
99.83	-21.70	-18.19	0.00	-592.70	0.00	592.70	2,561.71	630.49	2,062.77	1,907.72	36.93	-3.35	0.320
100.00	-21.66	-18.00	0.00	-589.67	0.00	589.67	2,559.94	629.87	2,058.70	1,904.51	37.05	-3.35	0.319
105.00	-20.59	-17.57	0.00	-499.67	0.00	499.67	2,506.36	611.20	1,938.45	1,808.89	40.63	-3.49	0.285
110.00	-19.56	-17.22	0.00	-411.80	0.00	411.80	2,451.42	592.52	1,821.82	1,714.70	44.35	-3.60	0.249
113.00	-18.88	-16.60	0.00	-359.75	0.00	359.75	2,417.79	581.32	1,753.58	1,658.91	46.63	-3.67	0.225
115.00	-18.48	-16.33	0.00	-326.54	0.00	326.54	2,395.11	573.85	1,708.81	1,622.03	48.18	-3.71	0.210
120.00	-17.53	-15.98	0.00	-244.91	0.00	244.91	2,337.43	555.17	1,599.41	1,530.98	52.12	-3.80	0.168
123.00	-12.24	-11.22	0.00	-196.57	0.00	196.57	2,302.17	543.97	1,535.51	1,477.15	54.52	-3.85	0.139
125.00	-11.91	-10.94	0.00	-174.14	0.00	174.14	2,271.18	536.50	1,493.64	1,437.05	56.14	-3.88	0.127
130.00	-11.09	-10.53	0.00	-119.43	0.00	119.43	2,192.12	517.82	1,391.48	1,338.27	60.23	-3.93	0.095
135.00	-10.30	-10.22	0.00	-66.80	0.00	66.80	2,113.07	499.15	1,292.94	1,243.00	64.37	-3.97	0.059
137.00	-3.56	-3.82	0.00	-44.03	0.00	44.03	2,081.44	491.68	1,254.54	1,205.88	66.04	-3.99	0.038
140.00	-3.24	-3.56	0.00	-32.55	0.00	32.55	2,034.01	480.47	1,198.02	1,151.25	68.55	-4.00	0.030
145.00	-2.71	-3.29	0.00	-14.74	0.00	14.74	1,954.95	461.80	1,106.72	1,063.02	72.74	-4.01	0.015
147.90	-0.13	-1.28	0.00	-5.19	0.00	5.19	1,909.10	450.97	1,055.42	1,013.45	75.17	-4.01	0.005
147.92	0.00	-1.27	0.00	-5.17	0.00	5.17	1,908.83	450.91	1,055.13	1,013.16	75.18	-4.01	0.005

Site Number: 302468 Code: ANSI/TIA-222-H

Site Name: Petro Lock, CT Engineering Number:13668981_C3_01 4/19/2021 3:34:22 PM

Customer: VERIZON WIRELESS

Load Case: 0.9D + 1.0W 118 mph with No Ice (Reduced DL) 23 Iterations

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

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		194.6	0.0					0.0	0.0	194.6	0.0	0.0	0.0
5.00		415.8	1,014.6					0.0	0.0	415.8	1,014.6	0.0	0.0
10.00		438.1	995.0					0.0	300.8	438.1	1,295.8	0.0	0.0
15.00		429.5	975.5					0.0	300.8	429.5	1,276.2	0.0	0.0
20.00	Appurtenance(s)	420.8	955.9	23.7	0.0	0.0	3.6	0.0	300.8	444.5	1,260.3	0.0	0.0
25.00		412.2	936.3					0.0	300.1	412.2	1,236.5	0.0	0.0
30.00		408.3	916.8					0.0	300.1	408.3	1,216.9	0.0	0.0
35.00		412.7	897.2					0.0	300.1	412.7	1,197.3	0.0	0.0
40.00		419.5	877.7					0.0	300.1	419.5	1,177.8	0.0	0.0
45.00		289.1	858.1					0.0	300.1	289.1	1,158.2	0.0	0.0
46.83	Bot - Section 2	215.2	309.8					0.0	110.0	215.2	419.8	0.0	0.0
50.00		267.8	1,066.3					0.0	190.1	267.8	1,256.4	0.0	0.0
53.00	Top - Section 1	217.7	995.7					0.0	180.1	217.7	1,175.8	0.0	0.0
55.00		305.4	330.7					0.0	120.0	305.4	450.8	0.0	0.0
60.00		436.4	813.1					0.0	300.1	436.4	1,113.3	0.0	0.0
65.00		435.7	793.6					0.0	300.1	435.7	1,093.7	0.0	0.0
70.00		434.0	774.0					0.0	300.1	434.0	1,074.1	0.0	0.0
75.00		388.6	754.5					0.0	300.1	388.6	1,054.6	0.0	0.0
79.00	Appurtenance(s)	215.0	589.5	2,730.4	0.0	1,592.3	2,815.4	0.0	240.1	2,945.4	3,645.0	0.0	0.0
80.00		255.9	145.4					0.0	57.7	255.9	203.1	0.0	0.0
85.00		381.9	715.4					0.0	288.4	381.9	1,003.8	0.0	0.0
89.00	Appurtenance(s)	210.8	558.2	607.9	0.0	0.0	1,512.0	0.0	230.7	818.8	2,301.0	0.0	0.0
90.00	Appurtenance(s)	246.8	137.6	987.7	0.0	987.7	292.0	0.0	57.7	1,234.4	487.2	0.0	0.0
94.92	Bot - Section 3	208.3	665.2					0.0	265.5	208.3	930.6	0.0	0.0
95.00		129.2	20.5					0.0	4.5	129.2	25.0	0.0	0.0
98.00	Appurtenance(s)	202.0	733.0	2,070.3	0.0	1,040.5	2,312.8	0.0	162.0	2,272.2	3,207.8	0.0	0.0
99.83	Top - Section 2	83.2	441.6					0.0	91.1	83.2	532.7	0.0	0.0
100.00		212.7	18.3					0.0	8.3	212.7	26.6	0.0	0.0
105.00		408.1	541.4					0.0	248.4	408.1	789.9	0.0	0.0
110.00		322.0	525.1					0.0	248.4	322.0	773.6	0.0	0.0
113.00	Appurtenance(s)	198.7	307.3	393.4	0.0	393.4	71.3	0.0	149.1	592.1	527.6	0.0	0.0
115.00		273.8	201.6					0.0	90.5	273.8	292.1	0.0	0.0
120.00		309.7	492.5					0.0	226.3	309.7	718.8	0.0	0.0
123.00	Appurtenance(s)	190.7	287.7	4,212.3	0.0	414.7	3,768.7	0.0	135.8	4,403.0	4,192.1	0.0	0.0
125.00		262.1	188.5					0.0	66.1	262.1	254.7	0.0	0.0
130.00		368.1	460.0					0.0	165.3	368.1	625.3	0.0	0.0
135.00		253.2	443.7					0.0	165.3	253.2	609.0	0.0	0.0
137.00	Appurtenance(s)	162.6	172.9	5,752.6	0.0	2,322.8	5,134.9	0.0	66.1	5,915.2	5,373.9	0.0	0.0
140.00		239.7	254.5					0.0	0.0	239.7	254.5	0.0	0.0
145.00		232.7	411.1					0.0	0.0	232.7	411.1	0.0	0.0
147.90		84.6	231.0					0.0	0.0	84.6	231.0	0.0	0.0
147.92		0.5	1.3					0.0	0.0	0.5	1.3	0.0	0.0
								Totals:		28,771.8	45,889.6	0.00	0.00

Load Case: 0.9D + 1.0W — 118 mph with No Ice (Reduced DL) — 23 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	-47.81	-31.66	0.00	-3,349.25	0.00	3,349.25	4,345.86	1,174.01	5,959.72	5,031.69	0.00	0.00	0.677
5.00	-46.70	-31.39	0.00	-3,190.94	0.00	3,190.94	4,297.95	1,151.60	5,734.39	4,880.60	0.09	-0.17	0.665
10.00	-45.31	-31.08	0.00	-3,034.01	0.00	3,034.01	4,248.67	1,129.19	5,513.41	4,730.12	0.37	-0.35	0.653
15.00	-43.94	-30.78	0.00	-2,878.60	0.00	2,878.60	4,198.03	1,106.78	5,296.77	4,580.35	0.83	-0.53	0.640
20.00	-42.59	-30.45	0.00	-2,724.71	0.00	2,724.71	4,146.02	1,084.37	5,084.47	4,431.37	1.48	-0.71	0.626
25.00	-41.26	-30.15	0.00	-2,572.44	0.00	2,572.44	4,092.65	1,061.96	4,876.51	4,283.28	2.32	-0.88	0.611
30.00	-39.96	-29.85	0.00	-2,421.67	0.00	2,421.67	4,037.92	1,039.55	4,672.90	4,136.16	3.34	-1.06	0.596
35.00	-38.68	-29.54	0.00	-2,272.42	0.00	2,272.42	3,981.82	1,017.14	4,473.63	3,990.12	4.55	-1.24	0.580
40.00	-37.42	-29.21	0.00	-2,124.74	0.00	2,124.74	3,924.36	994.73	4,278.70	3,845.24	5.95	-1.42	0.563
45.00	-36.21	-28.96	0.00	-1,978.71	0.00	1,978.71	3,865.53	972.33	4,088.11	3,701.60	7.54	-1.60	0.545
46.83	-35.75	-28.79	0.00	-1,925.61	0.00	1,925.61	3,843.62	964.11	4,019.31	3,649.27	8.17	-1.67	0.538
50.00	-34.45	-28.56	0.00	-1,834.43	0.00	1,834.43	3,805.35	949.92	3,901.86	3,559.31	9.32	-1.79	0.525
53.00	-33.23	-28.35	0.00	-1,748.77	0.00	1,748.77	3,811.37	952.14	3,920.12	3,573.35	10.47	-1.89	0.499
55.00	-32.73	-28.10	0.00	-1,692.06	0.00	1,692.06	3,786.97	943.17	3,846.67	3,516.77	11.28	-1.97	0.491
60.00	-31.56	-27.72	0.00	-1,551.56	0.00	1,551.56	3,725.00	920.76	3,666.07	3,376.36	13.43	-2.13	0.469
65.00	-30.40	-27.32	0.00	-1,412.98	0.00	1,412.98	3,661.68	898.35	3,489.81	3,237.50	15.75	-2.30	0.446
70.00	-29.27	-26.93	0.00	-1,276.36	0.00	1,276.36	3,596.99	875.94	3,317.90	3,100.29	18.24	-2.46	0.421
75.00	-28.17	-26.56	0.00	-1,141.72	0.00	1,141.72	3,530.94	853.53	3,150.33	2,964.81	20.90	-2.61	0.394
79.00	-24.64	-23.48	0.00	-1,033.89	0.00	1,033.89	3,477.11	835.61	3,019.39	2,857.73	23.14	-2.73	0.370
80.00	-24.41	-23.25	0.00	-1,010.42	0.00	1,010.42	3,463.52	831.12	2,987.10	2,831.15	23.72	-2.76	0.365
85.00	-23.38	-22.87	0.00	-894.16	0.00	894.16	3,394.74	808.71	2,828.21	2,699.41	26.69	-2.91	0.339
89.00	-21.10	-21.96	0.00	-802.67	0.00	802.67	3,338.73	790.79	2,704.22	2,595.46	29.17	-3.02	0.316
90.00	-20.65	-20.73	0.00	-779.72	0.00	779.72	3,324.59	786.30	2,673.66	2,569.68	29.80	-3.04	0.310
94.92	-19.71	-20.49	0.00	-677.80	0.00	677.80	3,235.40	764.27	2,525.93	2,429.96	33.00	-3.17	0.286
95.00	-19.68	-20.38	0.00	-676.09	0.00	676.09	3,233.82	763.90	2,523.46	2,427.58	33.06	-3.17	0.285
98.00	-16.58	-17.95	0.00	-613.92	0.00	613.92	3,176.90	750.45	2,435.42	2,342.45	35.08	-3.25	0.268
99.83	-16.05	-17.84	0.00	-581.02	0.00	581.02	2,561.71	630.49	2,062.77	1,907.72	36.33	-3.29	0.312
100.00	-16.01	-17.64	0.00	-578.05	0.00	578.05	2,559.94	629.87	2,058.70	1,904.51	36.45	-3.30	0.311
105.00	-15.21	-17.22	0.00	-489.82	0.00	489.82	2,506.36	611.20	1,938.45	1,808.89	39.97	-3.42	0.278
110.00	-14.43	-16.88	0.00	-403.71	0.00	403.71	2,451.42	592.52	1,821.82	1,714.70	43.62	-3.54	0.242
113.00	-13.93	-16.27	0.00	-352.68	0.00	352.68	2,417.79	581.32	1,753.58	1,658.91	45.86	-3.61	0.219
115.00	-13.63	-15.99	0.00	-320.15	0.00	320.15	2,395.11	573.85	1,708.81	1,622.03	47.38	-3.65	0.204
120.00	-12.92	-15.65	0.00	-240.20	0.00	240.20	2,337.43	555.17	1,599.41	1,530.98	51.25	-3.74	0.163
123.00	-9.02	-10.99	0.00	-192.83	0.00	192.83	2,302.17	543.97	1,535.51	1,477.15	53.61	-3.78	0.135
125.00	-8.77	-10.72	0.00	-170.86	0.00	170.86	2,271.18	536.50	1,493.64	1,437.05	55.20	-3.81	0.123
130.00	-8.17	-10.31	0.00	-117.28	0.00	117.28	2,192.12	517.82	1,391.48	1,338.27	59.22	-3.87	0.092
135.00	-7.57	-10.02	0.00	-65.71	0.00	65.71	2,113.07	499.15	1,292.94	1,243.00	63.29	-3.90	0.057
137.00	-2.61	-3.76	0.00	-43.35	0.00	43.35	2,081.44	491.68	1,254.54	1,205.88	64.93	-3.92	0.037
140.00	-2.37	-3.50	0.00	-32.08	0.00	32.08	2,034.01	480.47	1,198.02	1,151.25	67.39	-3.93	0.029
145.00	-1.98	-3.24	0.00	-14.59	0.00	14.59	1,954.95	461.80	1,106.72	1,063.02	71.50	-3.94	0.015
147.90	-0.08	-1.28	0.00	-5.19	0.00	5.19	1,909.10	450.97	1,055.42	1,013.45	73.90	-3.94	0.005
147.92	0.00	-1.27	0.00	-5.17	0.00	5.17	1,908.83	450.91	1,055.13	1,013.16	73.91	-3.94	0.005

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph with 1.50 in Radial Ice — 23 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		63.5	0.0					0.0	0.0	63.5	0.0	0.0	0.0
5.00		131.8	1,764.1					0.0	0.0	131.8	1,764.1	0.0	0.0
10.00		135.5	1,778.2					0.0	582.3	135.5	2,360.6	0.0	0.0
15.00		133.2	1,767.2					0.0	591.4	133.2	2,358.7	0.0	0.0
20.00	Appurtenance(s)	130.9	1,748.1	8.1	0.0	0.0	21.5	0.0	597.8	138.9	2,367.4	0.0	0.0
25.00		128.5	1,724.7					0.0	595.9	128.5	2,320.5	0.0	0.0
30.00		127.6	1,698.6					0.0	599.8	127.6	2,298.4	0.0	0.0
35.00		129.2	1,670.7					0.0	603.1	129.2	2,273.8	0.0	0.0
40.00		131.6	1,641.5					0.0	606.0	131.6	2,247.5	0.0	0.0
45.00		90.8	1,611.2					0.0	608.6	90.8	2,219.7	0.0	0.0
46.83	Bot - Section 2	67.7	584.2					0.0	223.7	67.7	807.9	0.0	0.0
50.00		84.3	1,719.5					0.0	387.2	84.3	2,106.7	0.0	0.0
53.00	Top - Section 1	68.6	1,607.7					0.0	367.6	68.6	1,975.3	0.0	0.0
55.00		96.3	626.9					0.0	245.5	96.3	872.4	0.0	0.0
60.00		137.9	1,541.5					0.0	615.0	137.9	2,156.5	0.0	0.0
65.00		138.0	1,508.6					0.0	616.8	138.0	2,125.4	0.0	0.0
70.00		137.7	1,475.3					0.0	618.5	137.7	2,093.8	0.0	0.0
75.00		123.6	1,441.6					0.0	620.1	123.6	2,061.7	0.0	0.0
79.00	Appurtenance(s)	68.5	1,129.7	718.0	0.0	377.1	6,381.5	0.0	497.2	786.4	8,008.4	0.0	0.0
80.00		81.7	279.7					0.0	112.1	81.7	391.8	0.0	0.0
85.00		122.1	1,373.2					0.0	561.3	122.1	1,934.6	0.0	0.0
89.00	Appurtenance(s)	67.5	1,074.6	195.7	0.0	0.0	3,147.1	0.0	449.8	263.2	4,671.5	0.0	0.0
90.00	Appurtenance(s)	79.2	265.8	229.7	0.0	229.7	1,075.6	0.0	112.6	308.9	1,454.0	0.0	0.0
94.92	Bot - Section 3	66.9	1,282.4					0.0	492.7	66.9	1,775.1	0.0	0.0
95.00		41.5	34.2					0.0	8.4	41.5	42.6	0.0	0.0
98.00	Appurtenance(s)	64.9	1,219.5	577.3	0.0	258.5	4,896.5	0.0	300.9	642.2	6,416.9	0.0	0.0
99.83	Top - Section 2	26.8	735.6					0.0	173.5	26.8	909.1	0.0	0.0
100.00		68.5	37.8					0.0	15.8	68.5	53.6	0.0	0.0
105.00		131.7	1,112.3					0.0	473.7	131.7	1,586.0	0.0	0.0
110.00		104.2	1,081.1					0.0	474.3	104.2	1,555.5	0.0	0.0
113.00	Appurtenance(s)	64.4	635.0	102.8	0.0	102.8	322.4	0.0	284.9	167.2	1,242.3	0.0	0.0
115.00		89.0	417.5					0.0	178.2	89.0	595.8	0.0	0.0
120.00		100.9	1,018.4					0.0	446.0	100.9	1,464.3	0.0	0.0
123.00	Appurtenance(s)	62.3	597.2	1,027.7	0.0	103.2	8,911.5	0.0	267.9	1,090.0	9,776.5	0.0	0.0
125.00		85.8	392.3					0.0	88.2	85.8	480.4	0.0	0.0
130.00		120.9	954.9					0.0	220.4	120.9	1,175.4	0.0	0.0
135.00		83.4	923.0					0.0	220.4	83.4	1,143.4	0.0	0.0
137.00	Appurtenance(s)	55.6	361.6	1,435.8	0.0	566.1	12,817.2	0.0	88.2	1,491.4	13,267.0	0.0	0.0
140.00		84.4	532.1					0.0	0.0	84.4	532.1	0.0	0.0
145.00		82.2	858.8					0.0	0.0	82.2	858.8	0.0	0.0
147.90		30.0	484.7					0.0	0.0	30.0	484.7	0.0	0.0
147.92		0.2	2.8					0.0	0.0	0.2	2.8	0.0	0.0
								Totals:		8,133.92	94,232.9	0.00	0.00

Load Case: 1.2D + 1.0Di + 1.0Wi 50 mph with 1.50 in Radial Ice 23 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	-99.75	-8.85	0.00	-955.82	0.00	955.82	4,345.86	1,174.01	5,959.72	5,031.69	0.00	0.00	0.213
5.00	-97.98	-8.80	0.00	-911.59	0.00	911.59	4,297.95	1,151.60	5,734.39	4,880.60	0.03	-0.05	0.210
10.00	-95.61	-8.75	0.00	-867.60	0.00	867.60	4,248.67	1,129.19	5,513.41	4,730.12	0.11	-0.10	0.206
15.00	-93.25	-8.69	0.00	-823.87	0.00	823.87	4,198.03	1,106.78	5,296.77	4,580.35	0.24	-0.15	0.202
20.00	-90.87	-8.62	0.00	-780.43	0.00	780.43	4,146.02	1,084.37	5,084.47	4,431.37	0.42	-0.20	0.198
25.00	-88.55	-8.57	0.00	-737.31	0.00	737.31	4,092.65	1,061.96	4,876.51	4,283.28	0.66	-0.25	0.194
30.00	-86.24	-8.51	0.00	-694.48	0.00	694.48	4,037.92	1,039.55	4,672.90	4,136.16	0.95	-0.30	0.189
35.00	-83.96	-8.44	0.00	-651.96	0.00	651.96	3,981.82	1,017.14	4,473.63	3,990.12	1.30	-0.36	0.185
40.00	-81.71	-8.37	0.00	-609.76	0.00	609.76	3,924.36	994.73	4,278.70	3,845.24	1.70	-0.41	0.179
45.00	-79.48	-8.31	0.00	-567.94	0.00	567.94	3,865.53	972.33	4,088.11	3,701.60	2.16	-0.46	0.174
46.83	-78.67	-8.27	0.00	-552.71	0.00	552.71	3,843.62	964.11	4,019.31	3,649.27	2.34	-0.48	0.172
50.00	-76.56	-8.21	0.00	-526.53	0.00	526.53	3,805.35	949.92	3,901.86	3,559.31	2.67	-0.51	0.168
53.00	-74.58	-8.16	0.00	-501.90	0.00	501.90	3,811.37	952.14	3,920.12	3,573.35	3.00	-0.54	0.160
55.00	-73.71	-8.10	0.00	-485.59	0.00	485.59	3,786.97	943.17	3,846.67	3,516.77	3.23	-0.56	0.158
60.00	-71.54	-7.99	0.00	-445.12	0.00	445.12	3,725.00	920.76	3,666.07	3,376.36	3.85	-0.61	0.151
65.00	-69.41	-7.89	0.00	-405.15	0.00	405.15	3,661.68	898.35	3,489.81	3,237.50	4.51	-0.66	0.144
70.00	-67.32	-7.78	0.00	-365.70	0.00	365.70	3,596.99	875.94	3,317.90	3,100.29	5.23	-0.70	0.137
75.00	-65.25	-7.67	0.00	-326.81	0.00	326.81	3,530.94	853.53	3,150.33	2,964.81	5.99	-0.75	0.129
79.00	-57.25	-6.80	0.00	-295.73	0.00	295.73	3,477.11	835.61	3,019.39	2,857.73	6.63	-0.78	0.120
80.00	-56.86	-6.74	0.00	-288.93	0.00	288.93	3,463.52	831.12	2,987.10	2,831.15	6.79	-0.79	0.119
85.00	-54.92	-6.63	0.00	-255.23	0.00	255.23	3,394.74	808.71	2,828.21	2,699.41	7.65	-0.83	0.111
89.00	-50.25	-6.31	0.00	-228.73	0.00	228.73	3,338.73	790.79	2,704.22	2,595.46	8.36	-0.86	0.103
90.00	-48.80	-6.00	0.00	-222.19	0.00	222.19	3,324.59	786.30	2,673.66	2,569.68	8.54	-0.87	0.101
94.92	-47.02	-5.92	0.00	-192.70	0.00	192.70	3,235.40	764.27	2,525.93	2,429.96	9.46	-0.91	0.094
95.00	-46.98	-5.89	0.00	-192.21	0.00	192.21	3,233.82	763.90	2,523.46	2,427.58	9.47	-0.91	0.094
98.00	-40.57	-5.15	0.00	-174.29	0.00	174.29	3,176.90	750.45	2,435.42	2,342.45	10.05	-0.93	0.087
99.83	-39.67	-5.12	0.00	-164.85	0.00	164.85	2,561.71	630.49	2,062.77	1,907.72	10.41	-0.94	0.102
100.00	-39.61	-5.06	0.00	-163.99	0.00	163.99	2,559.94	629.87	2,058.70	1,904.51	10.44	-0.94	0.102
105.00	-38.02	-4.92	0.00	-138.70	0.00	138.70	2,506.36	611.20	1,938.45	1,808.89	11.45	-0.98	0.092
110.00	-36.47	-4.81	0.00	-114.08	0.00	114.08	2,451.42	592.52	1,821.82	1,714.70	12.49	-1.01	0.081
113.00	-35.23	-4.63	0.00	-99.55	0.00	99.55	2,417.79	581.32	1,753.58	1,658.91	13.14	-1.03	0.075
115.00	-34.63	-4.54	0.00	-90.29	0.00	90.29	2,395.11	573.85	1,708.81	1,622.03	13.57	-1.04	0.070
120.00	-33.17	-4.42	0.00	-67.59	0.00	67.59	2,337.43	555.17	1,599.41	1,530.98	14.68	-1.07	0.058
123.00	-23.41	-3.15	0.00	-54.22	0.00	54.22	2,302.17	543.97	1,535.51	1,477.15	15.35	-1.08	0.047
125.00	-22.94	-3.06	0.00	-47.91	0.00	47.91	2,271.18	536.50	1,493.64	1,437.05	15.81	-1.09	0.043
130.00	-21.76	-2.93	0.00	-32.59	0.00	32.59	2,192.12	517.82	1,391.48	1,338.27	16.96	-1.10	0.034
135.00	-20.62	-2.82	0.00	-17.96	0.00	17.96	2,113.07	499.15	1,292.94	1,243.00	18.12	-1.12	0.024
137.00	-7.38	-1.07	0.00	-11.75	0.00	11.75	2,081.44	491.68	1,254.54	1,205.88	18.59	-1.12	0.013
140.00	-6.85	-0.98	0.00	-8.53	0.00	8.53	2,034.01	480.47	1,198.02	1,151.25	19.29	-1.12	0.011
145.00	-6.00	-0.88	0.00	-3.64	0.00	3.64	1,954.95	461.80	1,106.72	1,063.02	20.47	-1.12	0.006
147.90	-1.91	-0.30	0.00	-1.08	0.00	1.08	1,909.10	450.97	1,055.42	1,013.45	21.15	-1.13	0.002
147.92	0.00	-0.26	0.00	-1.08	0.00	1.08	1,908.83	450.91	1,055.13	1,013.16	21.16	-1.13	0.001

Load Case: 1.0D + 1.0W Serviceability 60 mph 22 Iterations

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

Applied Segment Forces Summary

		Shaft Forces		Discrete Forces				Linear Forces		Sum of Forces			
Seg Elev (ft)	Description	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Wind FX (lb)	Dead Load (lb)	Torsion MY (lb-ft)	Moment MZ (lb)
0.00		45.0	0.0					0.0	0.0	45.0	0.0	0.0	0.0
5.00		96.2	1,127.3					0.0	0.0	96.2	1,127.3	0.0	0.0
10.00		101.3	1,105.6					0.0	334.2	101.3	1,439.8	0.0	0.0
15.00		99.3	1,083.8					0.0	334.2	99.3	1,418.0	0.0	0.0
20.00	Appurtenance(s)	97.3	1,062.1	5.5	0.0	0.0	4.0	0.0	334.2	102.8	1,400.3	0.0	0.0
25.00		95.4	1,040.4					0.0	333.4	95.4	1,373.8	0.0	0.0
30.00		94.5	1,018.7					0.0	333.4	94.5	1,352.1	0.0	0.0
35.00		95.5	996.9					0.0	333.4	95.5	1,330.4	0.0	0.0
40.00		97.0	975.2					0.0	333.4	97.0	1,308.7	0.0	0.0
45.00		66.9	953.5					0.0	333.4	66.9	1,286.9	0.0	0.0
46.83	Bot - Section 2	49.8	344.2					0.0	122.3	49.8	466.4	0.0	0.0
50.00		61.9	1,184.8					0.0	211.2	61.9	1,396.0	0.0	0.0
53.00	Top - Section 1	50.4	1,106.4					0.0	200.1	50.4	1,306.4	0.0	0.0
55.00		70.6	367.5					0.0	133.4	70.6	500.9	0.0	0.0
60.00		100.9	903.5					0.0	333.4	100.9	1,236.9	0.0	0.0
65.00		100.8	881.8					0.0	333.4	100.8	1,215.2	0.0	0.0
70.00		100.4	860.0					0.0	333.4	100.4	1,193.5	0.0	0.0
75.00		89.9	838.3					0.0	333.4	89.9	1,171.8	0.0	0.0
79.00	Appurtenance(s)	49.7	655.0	631.6	0.0	368.3	3,128.2	0.0	266.8	681.4	4,050.0	0.0	0.0
80.00		59.2	161.6					0.0	64.1	59.2	225.7	0.0	0.0
85.00		88.4	794.9					0.0	320.4	88.4	1,115.3	0.0	0.0
89.00	Appurtenance(s)	48.8	620.3	140.6	0.0	0.0	1,680.0	0.0	256.4	189.4	2,556.6	0.0	0.0
90.00	Appurtenance(s)	57.1	152.9	228.5	0.0	228.5	324.4	0.0	64.1	285.6	541.4	0.0	0.0
94.92	Bot - Section 3	48.2	739.1					0.0	295.0	48.2	1,034.0	0.0	0.0
95.00		29.9	22.8					0.0	5.0	29.9	27.8	0.0	0.0
98.00	Appurtenance(s)	46.7	814.4	478.9	0.0	240.7	2,569.8	0.0	180.0	525.6	3,564.2	0.0	0.0
99.83	Top - Section 2	19.2	490.6					0.0	101.2	19.2	591.9	0.0	0.0
100.00		49.2	20.4					0.0	9.2	49.2	29.6	0.0	0.0
105.00		94.4	601.6					0.0	276.0	94.4	877.6	0.0	0.0
110.00		74.5	583.5					0.0	276.0	74.5	859.5	0.0	0.0
113.00	Appurtenance(s)	46.0	341.4	91.0	0.0	91.0	79.2	0.0	165.6	137.0	586.2	0.0	0.0
115.00		63.3	224.0					0.0	100.6	63.3	324.6	0.0	0.0
120.00		71.6	547.3					0.0	251.4	71.6	798.7	0.0	0.0
123.00	Appurtenance(s)	44.1	319.7	974.4	0.0	95.9	4,187.4	0.0	150.9	1,018.5	4,657.9	0.0	0.0
125.00		60.6	209.5					0.0	73.5	60.6	283.0	0.0	0.0
130.00		85.2	511.1					0.0	183.7	85.2	694.8	0.0	0.0
135.00		58.6	493.0					0.0	183.7	58.6	676.7	0.0	0.0
137.00	Appurtenance(s)	37.6	192.1	1,330.8	0.0	537.3	5,705.4	0.0	73.5	1,368.4	5,971.0	0.0	0.0
140.00		55.4	282.7					0.0	0.0	55.4	282.7	0.0	0.0
145.00		53.8	456.7					0.0	0.0	53.8	456.7	0.0	0.0
147.90		19.6	256.6					0.0	0.0	19.6	256.6	0.0	0.0
147.92		0.1	1.5					0.0	0.0	0.1	1.5	0.0	0.0
								Totals:		6,655.81	50,988.4	0.00	0.00

Load Case: 1.0D + 1.0W Serviceability 60 mph 22 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	-53.17	-7.33	0.00	-778.73	0.00	778.73	4,345.86	1,174.01	5,959.72	5,031.69	0.00	0.00	0.167
5.00	-52.04	-7.27	0.00	-742.10	0.00	742.10	4,297.95	1,151.60	5,734.39	4,880.60	0.02	-0.04	0.164
10.00	-50.59	-7.20	0.00	-705.77	0.00	705.77	4,248.67	1,129.19	5,513.41	4,730.12	0.09	-0.08	0.161
15.00	-49.17	-7.13	0.00	-669.77	0.00	669.77	4,198.03	1,106.78	5,296.77	4,580.35	0.19	-0.12	0.158
20.00	-47.76	-7.06	0.00	-634.11	0.00	634.11	4,146.02	1,084.37	5,084.47	4,431.37	0.34	-0.16	0.155
25.00	-46.39	-7.00	0.00	-598.80	0.00	598.80	4,092.65	1,061.96	4,876.51	4,283.28	0.54	-0.21	0.151
30.00	-45.03	-6.93	0.00	-563.83	0.00	563.83	4,037.92	1,039.55	4,672.90	4,136.16	0.78	-0.25	0.148
35.00	-43.69	-6.86	0.00	-529.19	0.00	529.19	3,981.82	1,017.14	4,473.63	3,990.12	1.06	-0.29	0.144
40.00	-42.38	-6.79	0.00	-494.89	0.00	494.89	3,924.36	994.73	4,278.70	3,845.24	1.38	-0.33	0.140
45.00	-41.09	-6.73	0.00	-460.97	0.00	460.97	3,865.53	972.33	4,088.11	3,701.60	1.75	-0.37	0.135
46.83	-40.62	-6.69	0.00	-448.63	0.00	448.63	3,843.62	964.11	4,019.31	3,649.27	1.90	-0.39	0.134
50.00	-39.22	-6.64	0.00	-427.43	0.00	427.43	3,805.35	949.92	3,901.86	3,559.31	2.17	-0.42	0.130
53.00	-37.92	-6.59	0.00	-407.51	0.00	407.51	3,811.37	952.14	3,920.12	3,573.35	2.44	-0.44	0.124
55.00	-37.41	-6.54	0.00	-394.33	0.00	394.33	3,786.97	943.17	3,846.67	3,516.77	2.63	-0.46	0.122
60.00	-36.17	-6.45	0.00	-361.64	0.00	361.64	3,725.00	920.76	3,666.07	3,376.36	3.13	-0.50	0.117
65.00	-34.95	-6.36	0.00	-329.40	0.00	329.40	3,661.68	898.35	3,489.81	3,237.50	3.67	-0.53	0.111
70.00	-33.76	-6.27	0.00	-297.59	0.00	297.59	3,596.99	875.94	3,317.90	3,100.29	4.25	-0.57	0.105
75.00	-32.58	-6.19	0.00	-266.24	0.00	266.24	3,530.94	853.53	3,150.33	2,964.81	4.87	-0.61	0.099
79.00	-28.54	-5.47	0.00	-241.12	0.00	241.12	3,477.11	835.61	3,019.39	2,857.73	5.39	-0.64	0.093
80.00	-28.31	-5.42	0.00	-235.65	0.00	235.65	3,463.52	831.12	2,987.10	2,831.15	5.52	-0.64	0.091
85.00	-27.19	-5.33	0.00	-208.55	0.00	208.55	3,394.74	808.71	2,828.21	2,699.41	6.21	-0.68	0.085
89.00	-24.64	-5.12	0.00	-187.23	0.00	187.23	3,338.73	790.79	2,704.22	2,595.46	6.79	-0.70	0.080
90.00	-24.10	-4.83	0.00	-181.88	0.00	181.88	3,324.59	786.30	2,673.66	2,569.68	6.94	-0.71	0.078
94.92	-23.07	-4.78	0.00	-158.11	0.00	158.11	3,235.40	764.27	2,525.93	2,429.96	7.69	-0.74	0.072
95.00	-23.04	-4.75	0.00	-157.71	0.00	157.71	3,233.82	763.90	2,523.46	2,427.58	7.70	-0.74	0.072
98.00	-19.48	-4.18	0.00	-143.22	0.00	143.22	3,176.90	750.45	2,435.42	2,342.45	8.17	-0.76	0.067
99.83	-18.89	-4.16	0.00	-135.55	0.00	135.55	2,561.71	630.49	2,062.77	1,907.72	8.46	-0.77	0.078
100.00	-18.86	-4.12	0.00	-134.85	0.00	134.85	2,559.94	629.87	2,058.70	1,904.51	8.49	-0.77	0.078
105.00	-17.98	-4.02	0.00	-114.28	0.00	114.28	2,506.36	611.20	1,938.45	1,808.89	9.31	-0.80	0.070
110.00	-17.12	-3.94	0.00	-94.19	0.00	94.19	2,451.42	592.52	1,821.82	1,714.70	10.16	-0.83	0.062
113.00	-16.53	-3.80	0.00	-82.29	0.00	82.29	2,417.79	581.32	1,753.58	1,658.91	10.68	-0.84	0.056
115.00	-16.21	-3.73	0.00	-74.69	0.00	74.69	2,395.11	573.85	1,708.81	1,622.03	11.04	-0.85	0.053
120.00	-15.41	-3.65	0.00	-56.04	0.00	56.04	2,337.43	555.17	1,599.41	1,530.98	11.94	-0.87	0.043
123.00	-10.77	-2.56	0.00	-44.98	0.00	44.98	2,302.17	543.97	1,535.51	1,477.15	12.49	-0.88	0.035
125.00	-10.49	-2.50	0.00	-39.85	0.00	39.85	2,271.18	536.50	1,493.64	1,437.05	12.86	-0.89	0.032
130.00	-9.79	-2.41	0.00	-27.35	0.00	27.35	2,192.12	517.82	1,391.48	1,338.27	13.80	-0.90	0.025
135.00	-9.12	-2.34	0.00	-15.31	0.00	15.31	2,113.07	499.15	1,292.94	1,243.00	14.75	-0.91	0.017
137.00	-3.17	-0.88	0.00	-10.10	0.00	10.10	2,081.44	491.68	1,254.54	1,205.88	15.13	-0.91	0.010
140.00	-2.89	-0.82	0.00	-7.47	0.00	7.47	2,034.01	480.47	1,198.02	1,151.25	15.70	-0.91	0.008
145.00	-2.43	-0.76	0.00	-3.39	0.00	3.39	1,954.95	461.80	1,106.72	1,063.02	16.66	-0.92	0.004
147.90	-0.18	-0.30	0.00	-1.20	0.00	1.20	1,909.10	450.97	1,055.42	1,013.45	17.22	-0.92	0.001
147.92	0.00	-0.29	0.00	-1.20	0.00	1.20	1,908.83	450.91	1,055.13	1,013.16	17.22	-0.92	0.001

Equivalent Lateral Forces Method Analysis

Spectral Response Acceleration for Short Period (S_s):	0.19	
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}):	0.20	
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.09	
Seismic Response Coefficient (C_s):	0.03	
Upper Limit C_s	0.03	
Lower Limit C_s	0.03	
Period based on Rayleigh Method (sec):	2.45	
Redundancy Factor (p):	1.00	
Seismic Force Distribution Exponent (k):	1.98	
Total Unfactored Dead Load:	53.17	k
Seismic Base Shear (E):	1.60	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)
41	147.91	1	29	0.000	0	2
40	146.45	257	4,859	0.012	19	318
39	142.50	457	8,195	0.020	32	567
38	138.50	283	4,795	0.012	19	351
37	136.00	266	4,345	0.011	17	330
36	132.50	677	10,515	0.025	41	840
35	127.50	695	10,006	0.024	39	862
34	124.00	283	3,858	0.009	15	351
33	121.50	471	6,162	0.015	24	584
32	117.50	799	9,790	0.024	38	991
31	114.00	325	3,747	0.009	14	403
30	111.50	507	5,604	0.014	22	629
29	107.50	860	8,838	0.021	34	1,066
28	102.50	878	8,214	0.020	32	1,089
27	99.92	30	263	0.001	1	37
26	98.92	592	5,163	0.013	20	734
25	96.50	994	8,261	0.020	32	1,234
24	94.96	28	224	0.001	1	35
23	92.46	1,034	7,895	0.019	30	1,283
22	89.50	217	1,554	0.004	6	269
21	87.00	877	5,935	0.014	23	1,088
20	82.50	1,115	6,799	0.016	26	1,384
19	79.50	226	1,279	0.003	5	280
18	77.00	922	4,903	0.012	19	1,144
17	72.50	1,172	5,534	0.013	21	1,454

16	67.50	1,193	4,895	0.012	19	1,481
15	62.50	1,215	4,281	0.010	17	1,508
14	57.50	1,237	3,696	0.009	14	1,535
13	54.00	501	1,322	0.003	5	621
12	51.50	1,306	3,140	0.008	12	1,621
11	48.42	1,396	2,970	0.007	11	1,732
10	45.92	466	894	0.002	3	579
9	42.50	1,287	2,117	0.005	8	1,597
8	37.50	1,309	1,681	0.004	6	1,624
7	32.50	1,330	1,288	0.003	5	1,651
6	27.50	1,352	941	0.002	4	1,678
5	22.50	1,374	643	0.002	2	1,705
4	17.50	1,396	398	0.001	2	1,732
3	12.50	1,418	208	0.001	1	1,759
2	7.50	1,440	77	0.000	0	1,786
1	2.50	1,127	7	0.000	0	1,399
Decibel DB844H90E-XY	147.92	56	1,082	0.003	4	69
Andrew 844G65VTZASX	147.92	128	2,472	0.006	10	159
Flat Platform w/ Han	147.90	2,000	38,618	0.093	149	2,481
Powerwave Allgon LGP	137.00	33	548	0.001	2	41
Powerwave Allgon 702	137.00	13	219	0.001	1	16
Powerwave Allgon LGP	137.00	99	1,638	0.004	6	122
Raycap DC6-48-60-18-	137.00	40	664	0.002	3	50
Raycap DC6-48-60-18-	137.00	32	528	0.001	2	39
Ericsson RRUS 4478 B	137.00	178	2,958	0.007	11	221
Ericsson RRUS 4449 B	137.00	213	3,536	0.009	14	264
Raycap DC6-48-60-18-	137.00	16	266	0.001	1	20
Ericsson RRUS 32 B66	137.00	152	2,525	0.006	10	189
Ericsson RRUS 32 B2	137.00	318	5,279	0.013	20	395
Ericsson RRUS E2 B29	137.00	180	2,988	0.007	12	223
Ericsson RRUS-32 B30	137.00	231	3,834	0.009	15	287
Powerwave Allgon 775	137.00	81	1,345	0.003	5	101
Quintel QS66512-3 (1	137.00	224	3,718	0.009	14	278
CCI DMP65R-BU6DA	137.00	159	2,636	0.006	10	197
CCI TPA-65R-LCUUUU-H	137.00	82	1,355	0.003	5	101
Kathrein Scala 80010	137.00	195	3,240	0.008	13	242
Kathrein Scala 80010	137.00	115	1,902	0.005	7	142
CCI DMP65R-BU8D	137.00	96	1,589	0.004	6	119
Site Pro1 RMQLP-4120	137.00	3,250	53,939	0.131	208	4,032
Ericsson KRY 112 144	123.00	33	443	0.001	2	41
Ericsson KRY 112 489	123.00	77	1,033	0.003	4	96
Ericsson Radio 4449	123.00	225	3,019	0.007	12	279
Ericsson RRUS 4415 B	123.00	138	1,851	0.004	7	171
Ericsson Air6449 B41	123.00	312	4,186	0.010	16	387
Ericsson AIR32 B66Aa	123.00	397	5,321	0.013	21	492
RFS APX16DWV-16DWVS-	123.00	122	1,638	0.004	6	151
RFS APXVAARR24_43-U-	123.00	384	5,148	0.012	20	476
Generic Flat Platfor	123.00	2,500	33,540	0.081	130	3,102
RFS APXV18-206517	113.00	79	899	0.002	3	98
RFS IBC1900BB-1	98.00	66	565	0.001	2	82
RFS IBC1900HG-2A	98.00	66	565	0.001	2	82
Alcatel-Lucent 800 M	98.00	192	1,645	0.004	6	238
Alcatel-Lucent 4x40W	98.00	264	2,261	0.005	9	328
Nokia 2.5G MAA - AAH	98.00	311	2,662	0.006	10	386
RFS APXVSPP18-C-A20	98.00	171	1,465	0.004	6	212
Round Low Profile Pl	98.00	1,500	12,848	0.031	50	1,861
DragonWave Horizon C	90.00	32	230	0.001	1	39
NextNet BTS-2500	90.00	105	760	0.002	3	130
Argus LLPX310R	90.00	86	621	0.002	2	106
DragonWave A-ANT-18G	90.00	54	392	0.001	2	67
DragonWave A-ANT-11G	90.00	48	345	0.001	1	59
Side Arms	89.00	1,680	11,896	0.029	46	2,084
Samsung B5/B13 RRH-B	79.00	211	1,180	0.003	5	262
Samsung B2/B66A RRH-	79.00	253	1,417	0.003	5	314

Samsung MT6407-77A	79.00	245	1,370	0.003	5	304
RFS DB-T1-6Z-8AB-0Z	79.00	88	492	0.001	2	109
Commscope SBNHH-1D65	79.00	456	2,553	0.006	10	566
Generic Round Low Pr	79.00	1,875	10,492	0.025	41	2,326
Lucent KS-24019	20.00	4	1	0.000	0	5
		53,172	413,044	1.000	1,595	65,974

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)
41	147.91	1	29	0.000	0	1
40	146.45	257	4,859	0.012	19	220
39	142.50	457	8,195	0.020	32	392
38	138.50	283	4,795	0.012	19	243
37	136.00	266	4,345	0.011	17	228
36	132.50	677	10,515	0.025	41	581
35	127.50	695	10,006	0.024	39	597
34	124.00	283	3,858	0.009	15	243
33	121.50	471	6,162	0.015	24	404
32	117.50	799	9,790	0.024	38	686
31	114.00	325	3,747	0.009	14	279
30	111.50	507	5,604	0.014	22	436
29	107.50	860	8,838	0.021	34	739
28	102.50	878	8,214	0.020	32	754
27	99.92	30	263	0.001	1	25
26	98.92	592	5,163	0.013	20	509
25	96.50	994	8,261	0.020	32	854
24	94.96	28	224	0.001	1	24
23	92.46	1,034	7,895	0.019	30	888
22	89.50	217	1,554	0.004	6	186
21	87.00	877	5,935	0.014	23	753
20	82.50	1,115	6,799	0.016	26	958
19	79.50	226	1,279	0.003	5	194
18	77.00	922	4,903	0.012	19	792
17	72.50	1,172	5,534	0.013	21	1,007
16	67.50	1,193	4,895	0.012	19	1,026
15	62.50	1,215	4,281	0.010	17	1,044
14	57.50	1,237	3,696	0.009	14	1,063
13	54.00	501	1,322	0.003	5	430
12	51.50	1,306	3,140	0.008	12	1,123
11	48.42	1,396	2,970	0.007	11	1,200
10	45.92	466	894	0.002	3	401
9	42.50	1,287	2,117	0.005	8	1,106
8	37.50	1,309	1,681	0.004	6	1,124
7	32.50	1,330	1,288	0.003	5	1,143
6	27.50	1,352	941	0.002	4	1,162
5	22.50	1,374	643	0.002	2	1,180
4	17.50	1,396	398	0.001	2	1,200
3	12.50	1,418	208	0.001	1	1,218
2	7.50	1,440	77	0.000	0	1,237
1	2.50	1,127	7	0.000	0	969
Decibel DB844H90E-XY	147.92	56	1,082	0.003	4	48
Andrew 844G65VTZASX	147.92	128	2,472	0.006	10	110
Flat Platform w/ Han	147.90	2,000	38,618	0.093	149	1,719
Powerwave Allgon LGP	137.00	33	548	0.001	2	28
Powerwave Allgon 702	137.00	13	219	0.001	1	11
Powerwave Allgon LGP	137.00	99	1,638	0.004	6	85
Raycap DC6-48-60-18-	137.00	40	664	0.002	3	34
Raycap DC6-48-60-18-	137.00	32	528	0.001	2	27
Ericsson RRUS 4478 B	137.00	178	2,958	0.007	11	153

Ericsson RRUS 4449 B	137.00	213	3,536	0.009	14	183
Raycap DC6-48-60-18-	137.00	16	266	0.001	1	14
Ericsson RRUS 32 B66	137.00	152	2,525	0.006	10	131
Ericsson RRUS 32 B2	137.00	318	5,279	0.013	20	273
Ericsson RRUS E2 B29	137.00	180	2,988	0.007	12	155
Ericsson RRUS-32 B30	137.00	231	3,834	0.009	15	198
Powerwave Allgon 775	137.00	81	1,345	0.003	5	70
Quintel QS66512-3 (1	137.00	224	3,718	0.009	14	192
CCI DMP65R-BU6DA	137.00	159	2,636	0.006	10	136
CCI TPA-65R-LCUUUU-H	137.00	82	1,355	0.003	5	70
Kathrein Scala 80010	137.00	195	3,240	0.008	13	168
Kathrein Scala 80010	137.00	115	1,902	0.005	7	98
CCI DMP65R-BU8D	137.00	96	1,589	0.004	6	82
Site Pro1 RMQLP-4120	137.00	3,250	53,939	0.131	208	2,792
Ericsson KRY 112 144	123.00	33	443	0.001	2	28
Ericsson KRY 112 489	123.00	77	1,033	0.003	4	66
Ericsson Radio 4449	123.00	225	3,019	0.007	12	193
Ericsson RRUS 4415 B	123.00	138	1,851	0.004	7	119
Ericsson Air6449 B41	123.00	312	4,186	0.010	16	268
Ericsson AIR32 B66Aa	123.00	397	5,321	0.013	21	341
RFS APX16DWV-16DWVS-	123.00	122	1,638	0.004	6	105
RFS APXVAARR24_43-U-	123.00	384	5,148	0.012	20	330
Generic Flat Platfor	123.00	2,500	33,540	0.081	130	2,148
RFS APXV18-206517	113.00	79	899	0.002	3	68
RFS IBC1900BB-1	98.00	66	565	0.001	2	57
RFS IBC1900HG-2A	98.00	66	565	0.001	2	57
Alcatel-Lucent 800 M	98.00	192	1,645	0.004	6	165
Alcatel-Lucent 4x40W	98.00	264	2,261	0.005	9	227
Nokia 2.5G MAA - AAH	98.00	311	2,662	0.006	10	267
RFS APXVSPP18-C-A20	98.00	171	1,465	0.004	6	147
Round Low Profile Pl	98.00	1,500	12,848	0.031	50	1,289
DragonWave Horizon C	90.00	32	230	0.001	1	27
NextNet BTS-2500	90.00	105	760	0.002	3	90
Argus LLPX310R	90.00	86	621	0.002	2	74
DragonWave A-ANT-18G	90.00	54	392	0.001	2	47
DragonWave A-ANT-11G	90.00	48	345	0.001	1	41
Side Arms	89.00	1,680	11,896	0.029	46	1,444
Samsung B5/B13 RRH-B	79.00	211	1,180	0.003	5	181
Samsung B2/B66A RRH-	79.00	253	1,417	0.003	5	218
Samsung MT6407-77A	79.00	245	1,370	0.003	5	210
RFS DB-T1-6Z-8AB-0Z	79.00	88	492	0.001	2	76
Commscope SBNHH-1D65	79.00	456	2,553	0.006	10	392
Generic Round Low Pr	79.00	1,875	10,492	0.025	41	1,611
Lucent KS-24019	20.00	4	1	0.000	0	3
		53,172	413,044	1.000	1,595	45,689

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	-64.57	-1.60	0.00	-192.92	0.00	192.92	4,345.86	1,174.01	5,959.72	5,031.69	0.00	0.00	0.053
5.00	-62.79	-1.61	0.00	-184.92	0.00	184.92	4,297.95	1,151.60	5,734.39	4,880.60	0.01	-0.01	0.052
10.00	-61.03	-1.62	0.00	-176.86	0.00	176.86	4,248.67	1,129.19	5,513.41	4,730.12	0.02	-0.02	0.052
15.00	-59.30	-1.63	0.00	-168.76	0.00	168.76	4,198.03	1,106.78	5,296.77	4,580.35	0.05	-0.03	0.051
20.00	-57.59	-1.64	0.00	-160.62	0.00	160.62	4,146.02	1,084.37	5,084.47	4,431.37	0.09	-0.04	0.050
25.00	-55.91	-1.64	0.00	-152.44	0.00	152.44	4,092.65	1,061.96	4,876.51	4,283.28	0.13	-0.05	0.049
30.00	-54.26	-1.64	0.00	-144.23	0.00	144.23	4,037.92	1,039.55	4,672.90	4,136.16	0.19	-0.06	0.048
35.00	-52.63	-1.65	0.00	-136.01	0.00	136.01	3,981.82	1,017.14	4,473.63	3,990.12	0.27	-0.07	0.047
40.00	-51.04	-1.65	0.00	-127.77	0.00	127.77	3,924.36	994.73	4,278.70	3,845.24	0.35	-0.08	0.046
45.00	-50.46	-1.65	0.00	-119.55	0.00	119.55	3,865.53	972.33	4,088.11	3,701.60	0.44	-0.09	0.045
46.83	-48.72	-1.64	0.00	-116.52	0.00	116.52	3,843.62	964.11	4,019.31	3,649.27	0.48	-0.10	0.045
50.00	-47.10	-1.63	0.00	-111.34	0.00	111.34	3,805.35	949.92	3,901.86	3,559.31	0.55	-0.11	0.044
53.00	-46.48	-1.63	0.00	-106.45	0.00	106.45	3,811.37	952.14	3,920.12	3,573.35	0.62	-0.11	0.042
55.00	-44.95	-1.62	0.00	-103.20	0.00	103.20	3,786.97	943.17	3,846.67	3,516.77	0.66	-0.12	0.041
60.00	-43.44	-1.60	0.00	-95.12	0.00	95.12	3,725.00	920.76	3,666.07	3,376.36	0.79	-0.13	0.040
65.00	-41.96	-1.59	0.00	-87.11	0.00	87.11	3,661.68	898.35	3,489.81	3,237.50	0.93	-0.14	0.038
70.00	-40.50	-1.57	0.00	-79.17	0.00	79.17	3,596.99	875.94	3,317.90	3,100.29	1.08	-0.15	0.037
75.00	-39.36	-1.55	0.00	-71.32	0.00	71.32	3,530.94	853.53	3,150.33	2,964.81	1.24	-0.16	0.035
79.00	-35.20	-1.47	0.00	-65.10	0.00	65.10	3,477.11	835.61	3,019.39	2,857.73	1.37	-0.16	0.033
80.00	-33.81	-1.45	0.00	-63.63	0.00	63.63	3,463.52	831.12	2,987.10	2,831.15	1.41	-0.17	0.032
85.00	-32.73	-1.42	0.00	-56.40	0.00	56.40	3,394.74	808.71	2,828.21	2,699.41	1.59	-0.17	0.031
89.00	-30.37	-1.37	0.00	-50.70	0.00	50.70	3,338.73	790.79	2,704.22	2,595.46	1.73	-0.18	0.029
90.00	-28.69	-1.32	0.00	-49.33	0.00	49.33	3,324.59	786.30	2,673.66	2,569.68	1.77	-0.18	0.028
94.92	-28.65	-1.33	0.00	-42.82	0.00	42.82	3,235.40	764.27	2,525.93	2,429.96	1.97	-0.19	0.026
95.00	-27.42	-1.29	0.00	-42.71	0.00	42.71	3,233.82	763.90	2,523.46	2,427.58	1.97	-0.19	0.026
98.00	-23.50	-1.17	0.00	-38.84	0.00	38.84	3,176.90	750.45	2,435.42	2,342.45	2.09	-0.20	0.024
99.83	-23.46	-1.17	0.00	-36.68	0.00	36.68	2,561.71	630.49	2,062.77	1,907.72	2.17	-0.20	0.028
100.00	-22.37	-1.14	0.00	-36.49	0.00	36.49	2,559.94	629.87	2,058.70	1,904.51	2.18	-0.20	0.028
105.00	-21.31	-1.10	0.00	-30.79	0.00	30.79	2,506.36	611.20	1,938.45	1,808.89	2.39	-0.21	0.026
110.00	-20.68	-1.08	0.00	-25.26	0.00	25.26	2,451.42	592.52	1,821.82	1,714.70	2.61	-0.22	0.023
113.00	-20.18	-1.06	0.00	-22.01	0.00	22.01	2,417.79	581.32	1,753.58	1,658.91	2.75	-0.22	0.022
115.00	-19.18	-1.02	0.00	-19.89	0.00	19.89	2,395.11	573.85	1,708.81	1,622.03	2.84	-0.22	0.020
120.00	-18.60	-1.00	0.00	-14.76	0.00	14.76	2,337.43	555.17	1,599.41	1,530.98	3.07	-0.23	0.018
123.00	-13.05	-0.75	0.00	-11.77	0.00	11.77	2,302.17	543.97	1,535.51	1,477.15	3.22	-0.23	0.014
125.00	-12.19	-0.70	0.00	-10.27	0.00	10.27	2,271.18	536.50	1,493.64	1,437.05	3.32	-0.23	0.013
130.00	-11.35	-0.66	0.00	-6.75	0.00	6.75	2,192.12	517.82	1,391.48	1,338.27	3.56	-0.23	0.010
135.00	-11.02	-0.64	0.00	-3.45	0.00	3.45	2,113.07	499.15	1,292.94	1,243.00	3.81	-0.24	0.008
137.00	-3.60	-0.23	0.00	-2.16	0.00	2.16	2,081.44	491.68	1,254.54	1,205.88	3.91	-0.24	0.004
140.00	-3.03	-0.19	0.00	-1.48	0.00	1.48	2,034.01	480.47	1,198.02	1,151.25	4.06	-0.24	0.003
145.00	-2.71	-0.17	0.00	-0.51	0.00	0.51	1,954.95	461.80	1,106.72	1,063.02	4.31	-0.24	0.002
147.90	0.00	0.00	0.00	0.00	0.00	0.00	1,909.10	450.97	1,055.42	1,013.45	4.45	-0.24	0.000
147.92	0.00	0.00	0.00	0.00	0.00	0.00	1,908.83	450.91	1,055.13	1,013.16	4.45	-0.24	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	-44.72	-1.60	0.00	-189.71	0.00	189.71	4,345.86	1,174.01	5,959.72	5,031.69	0.00	0.00	0.048
5.00	-43.48	-1.61	0.00	-181.72	0.00	181.72	4,297.95	1,151.60	5,734.39	4,880.60	0.01	-0.01	0.047
10.00	-42.26	-1.61	0.00	-173.69	0.00	173.69	4,248.67	1,129.19	5,513.41	4,730.12	0.02	-0.02	0.047
15.00	-41.06	-1.62	0.00	-165.63	0.00	165.63	4,198.03	1,106.78	5,296.77	4,580.35	0.05	-0.03	0.046
20.00	-39.88	-1.62	0.00	-157.54	0.00	157.54	4,146.02	1,084.37	5,084.47	4,431.37	0.08	-0.04	0.045
25.00	-38.72	-1.62	0.00	-149.44	0.00	149.44	4,092.65	1,061.96	4,876.51	4,283.28	0.13	-0.05	0.044
30.00	-37.57	-1.62	0.00	-141.32	0.00	141.32	4,037.92	1,039.55	4,672.90	4,136.16	0.19	-0.06	0.043
35.00	-36.45	-1.62	0.00	-133.20	0.00	133.20	3,981.82	1,017.14	4,473.63	3,990.12	0.26	-0.07	0.043
40.00	-35.34	-1.62	0.00	-125.08	0.00	125.08	3,924.36	994.73	4,278.70	3,845.24	0.34	-0.08	0.042
45.00	-34.94	-1.62	0.00	-116.98	0.00	116.98	3,865.53	972.33	4,088.11	3,701.60	0.43	-0.09	0.041
46.83	-33.74	-1.61	0.00	-114.01	0.00	114.01	3,843.62	964.11	4,019.31	3,649.27	0.47	-0.10	0.040
50.00	-32.62	-1.60	0.00	-108.91	0.00	108.91	3,805.35	949.92	3,901.86	3,559.31	0.54	-0.10	0.039
53.00	-32.19	-1.60	0.00	-104.11	0.00	104.11	3,811.37	952.14	3,920.12	3,573.35	0.60	-0.11	0.038
55.00	-31.13	-1.58	0.00	-100.92	0.00	100.92	3,786.97	943.17	3,846.67	3,516.77	0.65	-0.11	0.037
60.00	-30.08	-1.57	0.00	-93.00	0.00	93.00	3,725.00	920.76	3,666.07	3,376.36	0.78	-0.12	0.036
65.00	-29.06	-1.55	0.00	-85.14	0.00	85.14	3,661.68	898.35	3,489.81	3,237.50	0.91	-0.13	0.034
70.00	-28.05	-1.54	0.00	-77.37	0.00	77.37	3,596.99	875.94	3,317.90	3,100.29	1.06	-0.14	0.033
75.00	-27.26	-1.52	0.00	-69.69	0.00	69.69	3,530.94	853.53	3,150.33	2,964.81	1.21	-0.15	0.031
79.00	-24.38	-1.44	0.00	-63.61	0.00	63.61	3,477.11	835.61	3,019.39	2,857.73	1.35	-0.16	0.029
80.00	-23.42	-1.41	0.00	-62.17	0.00	62.17	3,463.52	831.12	2,987.10	2,831.15	1.38	-0.16	0.029
85.00	-22.66	-1.39	0.00	-55.11	0.00	55.11	3,394.74	808.71	2,828.21	2,699.41	1.55	-0.17	0.027
89.00	-21.03	-1.34	0.00	-49.54	0.00	49.54	3,338.73	790.79	2,704.22	2,595.46	1.70	-0.18	0.025
90.00	-19.87	-1.29	0.00	-48.20	0.00	48.20	3,324.59	786.30	2,673.66	2,569.68	1.74	-0.18	0.025
94.92	-19.84	-1.30	0.00	-41.84	0.00	41.84	3,235.40	764.27	2,525.93	2,429.96	1.93	-0.19	0.023
95.00	-18.99	-1.26	0.00	-41.73	0.00	41.73	3,233.82	763.90	2,523.46	2,427.58	1.93	-0.19	0.023
98.00	-16.27	-1.15	0.00	-37.95	0.00	37.95	3,176.90	750.45	2,435.42	2,342.45	2.05	-0.19	0.021
99.83	-16.25	-1.15	0.00	-35.84	0.00	35.84	2,561.71	630.49	2,062.77	1,907.72	2.13	-0.20	0.025
100.00	-15.49	-1.11	0.00	-35.65	0.00	35.65	2,559.94	629.87	2,058.70	1,904.51	2.13	-0.20	0.025
105.00	-14.75	-1.08	0.00	-30.08	0.00	30.08	2,506.36	611.20	1,938.45	1,808.89	2.34	-0.20	0.023
110.00	-14.32	-1.06	0.00	-24.68	0.00	24.68	2,451.42	592.52	1,821.82	1,714.70	2.56	-0.21	0.020
113.00	-13.97	-1.04	0.00	-21.51	0.00	21.51	2,417.79	581.32	1,753.58	1,658.91	2.69	-0.21	0.019
115.00	-13.28	-1.00	0.00	-19.43	0.00	19.43	2,395.11	573.85	1,708.81	1,622.03	2.78	-0.22	0.018
120.00	-12.88	-0.98	0.00	-14.43	0.00	14.43	2,337.43	555.17	1,599.41	1,530.98	3.01	-0.22	0.015
123.00	-9.04	-0.73	0.00	-11.50	0.00	11.50	2,302.17	543.97	1,535.51	1,477.15	3.15	-0.23	0.012
125.00	-8.44	-0.69	0.00	-10.04	0.00	10.04	2,271.18	536.50	1,493.64	1,437.05	3.25	-0.23	0.011
130.00	-7.86	-0.65	0.00	-6.60	0.00	6.60	2,192.12	517.82	1,391.48	1,338.27	3.49	-0.23	0.009
135.00	-7.63	-0.63	0.00	-3.37	0.00	3.37	2,113.07	499.15	1,292.94	1,243.00	3.73	-0.23	0.006
137.00	-2.49	-0.22	0.00	-2.12	0.00	2.12	2,081.44	491.68	1,254.54	1,205.88	3.83	-0.23	0.003
140.00	-2.10	-0.19	0.00	-1.45	0.00	1.45	2,034.01	480.47	1,198.02	1,151.25	3.97	-0.23	0.002
145.00	-1.88	-0.17	0.00	-0.49	0.00	0.49	1,954.95	461.80	1,106.72	1,063.02	4.22	-0.23	0.001
147.90	0.00	0.00	0.00	0.00	0.00	0.00	1,909.10	450.97	1,055.42	1,013.45	4.36	-0.23	0.000
147.92	0.00	0.00	0.00	0.00	0.00	0.00	1,908.83	450.91	1,055.13	1,013.16	4.36	-0.23	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	31.69	0.00	63.76	0.00	0.00	3393.95	0.00	0.69
0.9D + 1.0W	31.66	0.00	47.81	0.00	0.00	3349.25	0.00	0.68
1.2D + 1.0Di + 1.0Wi	8.85	0.00	99.75	0.00	0.00	955.82	0.00	0.21
1.2D + 1.0Ev + 1.0Eh	1.60	0.00	64.57	0.00	0.00	192.92	0.00	0.05
0.9D - 1.0Ev + 1.0Eh	1.60	0.00	44.72	0.00	0.00	189.71	0.00	0.05
1.0D + 1.0W	7.33	0.00	53.17	0.00	0.00	778.73	0.00	0.17

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New/Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10069539
Maser Consulting Connecticut Project #: 21777460A

June 17, 2021

Site Information	*Site ID:*	*468345-VZW / HARTFORD S 5 CT*
	Site Name:	*HARTFORD S 5 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*99 Meadow St* *Hartford, Connecticut 06114* *Hartford County*
	Latitude:	*41.74319444°*
	Longitude:	*-72.66752777°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.50-ft Platform*

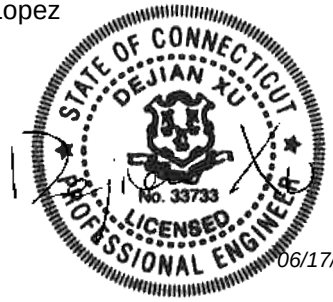
FUZE ID # 16272427

Analysis Results

Platform: **45.3% 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: Evelina Lopez



06/17/2021

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: 1830570, dated March 17,2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777460A, dated May 6, 2021*
Mount Specification Sheet	*SitePro1, P/N: RMQP-4XX*
Mount Specification Sheet	*SitePro1, P/N: HRK12-U*
Mount Specification Sheet	*SitePro1, P/N: LWRM*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	118 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.999
Seismic Parameters:	S_S:	0.191
	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
77.5	79.0	3	Samsung	MT6407-77A	Added
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		9	Andrew	SBNHH-1D65B	Retained
		2	Raycap	RRFDC-3315-PF-48	

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	*17.0%*	*Pass*
Standoff Horizontal	*41.5%*	*Pass*
Corner Plate	*18.6%*	*Pass*
Crossmember	*20.1%*	*Pass*
Grating Support	*14.6%*	*Pass*
Cross Arm Plate	*40.4%*	*Pass*
Support Rail	*30.1%*	*Pass*
Antenna Pipe	*44.7%*	*Pass*
Dual Antenna Pipe	*36.4%*	*Pass*
Support Rail Bracket	*42.7%*	*Pass*
Mount Connection	*45.3%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**45.3%**

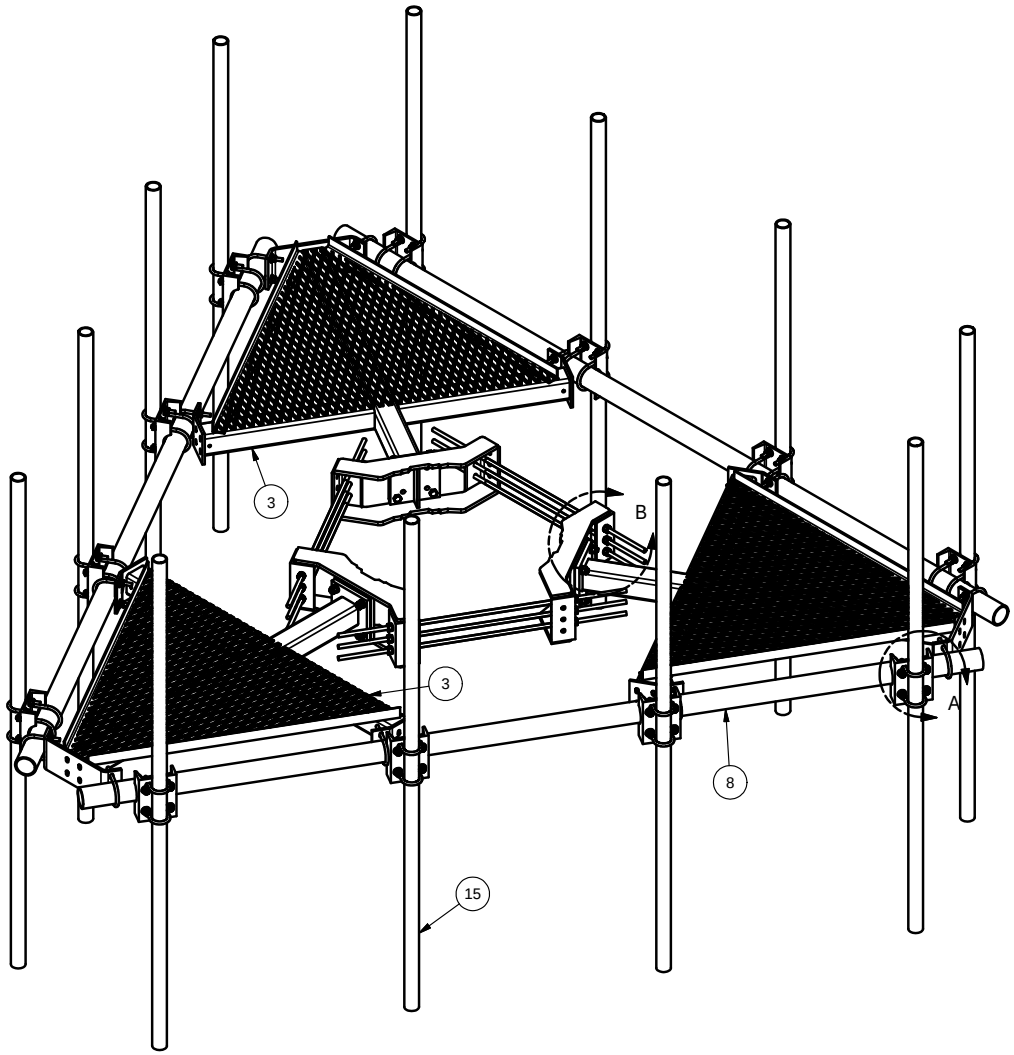
Recommendation:

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

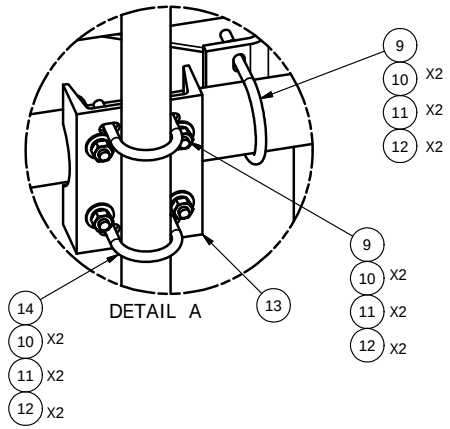
ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

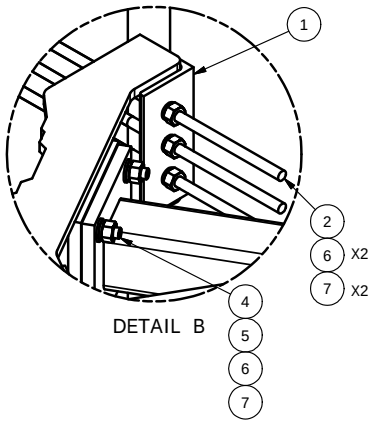
Attachments:

1. Mount Specification Sheet
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	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.40	3.59
2	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.40	3.59
3	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
4	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2.75	0.36	4.27
5	12	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.41
6	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
7	30	A58NUT	5/8" HDG A325 HEX NUT		0.13	3.90
8	3	P3150	3-1/2" X 150" SCH 40 GALVANIZED PIPE	150.000 in	94.80	284.40
9	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.26	9.25
10	120	G12FW	1/2" HDG USS FLATWASHER		0.03	4.09
11	120	G12LW	1/2" HDG LOCKWASHER		0.01	1.67
12	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
13	12	X-SP219	SMALL SUPPORT CROSS PLATE	8.250 in	8.61	103.33
14	24	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.26	6.17
15	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
RMQP-463	P263	63"	20.18	242.16	1591.11
RMQP-472	P272	72"	23.07	276.84	1625.79
RMQP-484	P284	84"	26.91	322.92	1671.87
RMQP-496	P296	96"	30.76	369.12	1718.07
RMQP-4126	P2126	126"	40.75	489.00	1837.95

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

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 12' 6" FACE WIDTH
FOR 12" - 38" DIAMETER POLES

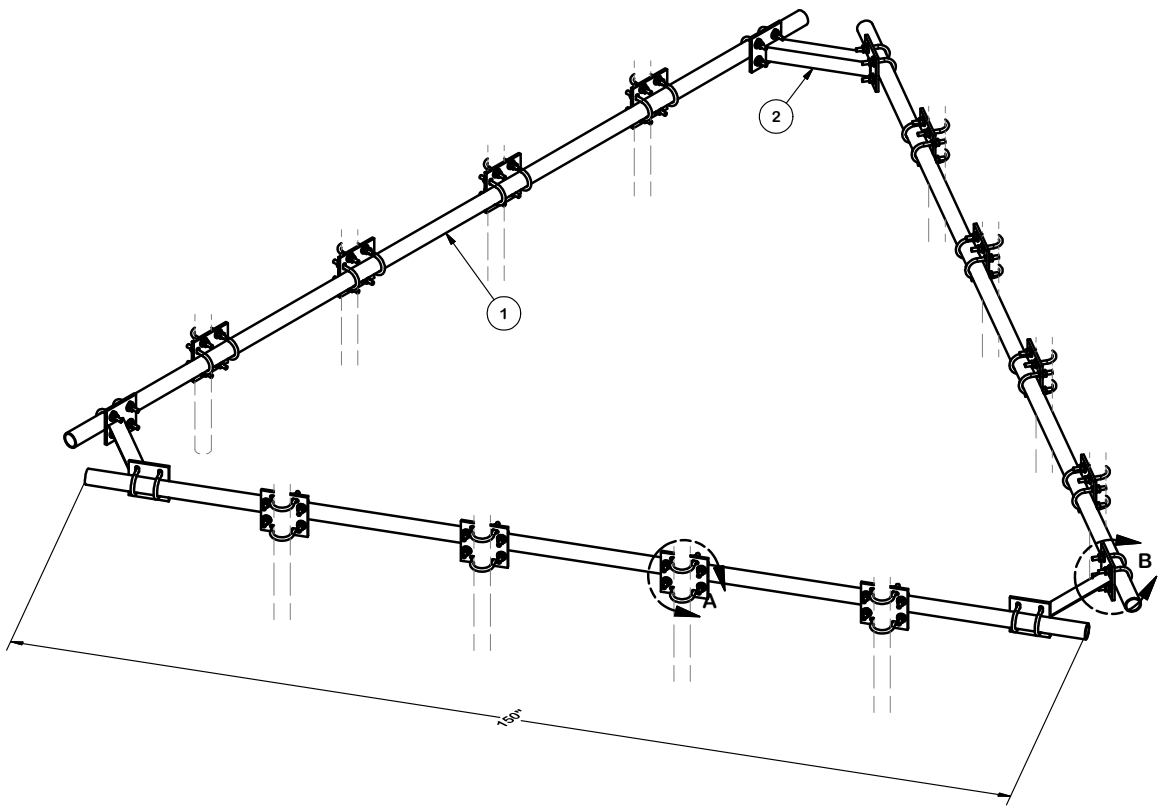
SITE PRO 1
A valmont COMPANY

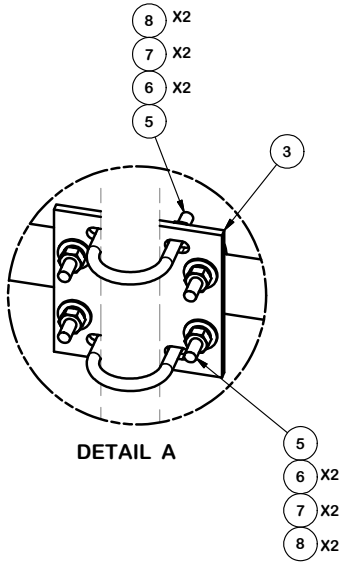
Engineering Support Team:
1-888-753-7446

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

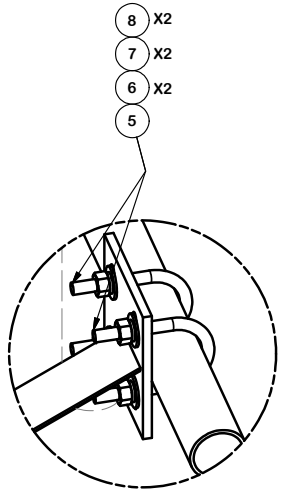
DRAWN BY	CPD NO.	DRAWING USAGE	PART NO.
CEK 1/20/2012	semb	CUSTOMER	SEE ASSEMBLY NO. "A"
ENG. APPROVAL	CHECKED BY		DWG. NO.
	BMC 7/9/2015		RMQP-4XX

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	P2150	2-3/8" OD X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
2	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
3	12	SCX2	CROSSOVER PLATE	7 in	4.80	57.56
4	24	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.73	17.56
5	60	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.73	43.90
6	120	G12FW	1/2" HDG USS FLATWASHER		0.03	4.09
7	120	G12LW	1/2" HDG LOCKWASHER		0.01	1.67
8	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
					TOTAL WT. #	302.21





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")*

DESCRIPTION
UNIVERSAL HANDRAIL KIT
FOR 12' PLATFORM
2-3/8" & 2-7/8" ANTENNA PIPES

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

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	CEK 3/9/2015		HRK12-U	1 OF 1

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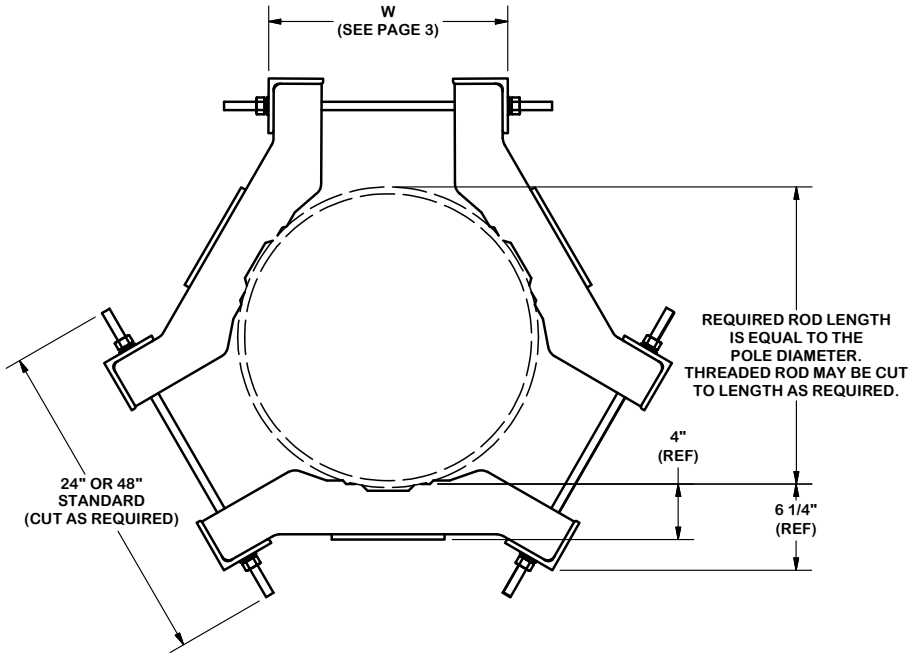
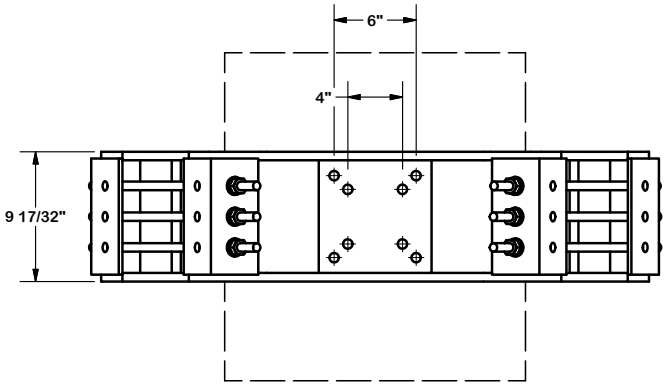
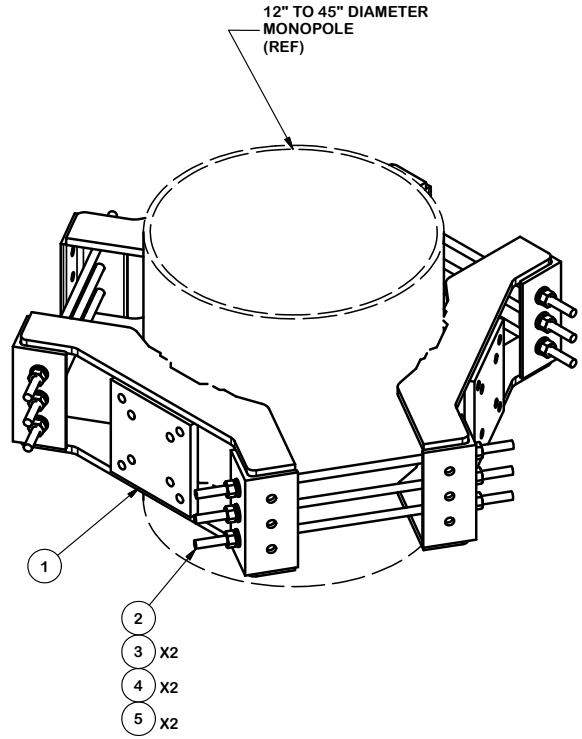




PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.16	204.48
2	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.55	4.94
2	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.55	4.94
3	18	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.61
4	18	G58LW	5/8" HDG LOCKWASHER		0.03	0.47
5	18	A58NUT	5/8" HDG A325 HEX NUT		0.13	2.34
					TOTAL WT. #	264.35



TOLERANCE NOTES

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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	REDRAWN IN INV, UPDATED TABLES & VIEWS		KC8	7/25/2012

DESCRIPTION
RING MOUNT
ASSEMBLY
12" TO 45" DIAMETER POLE

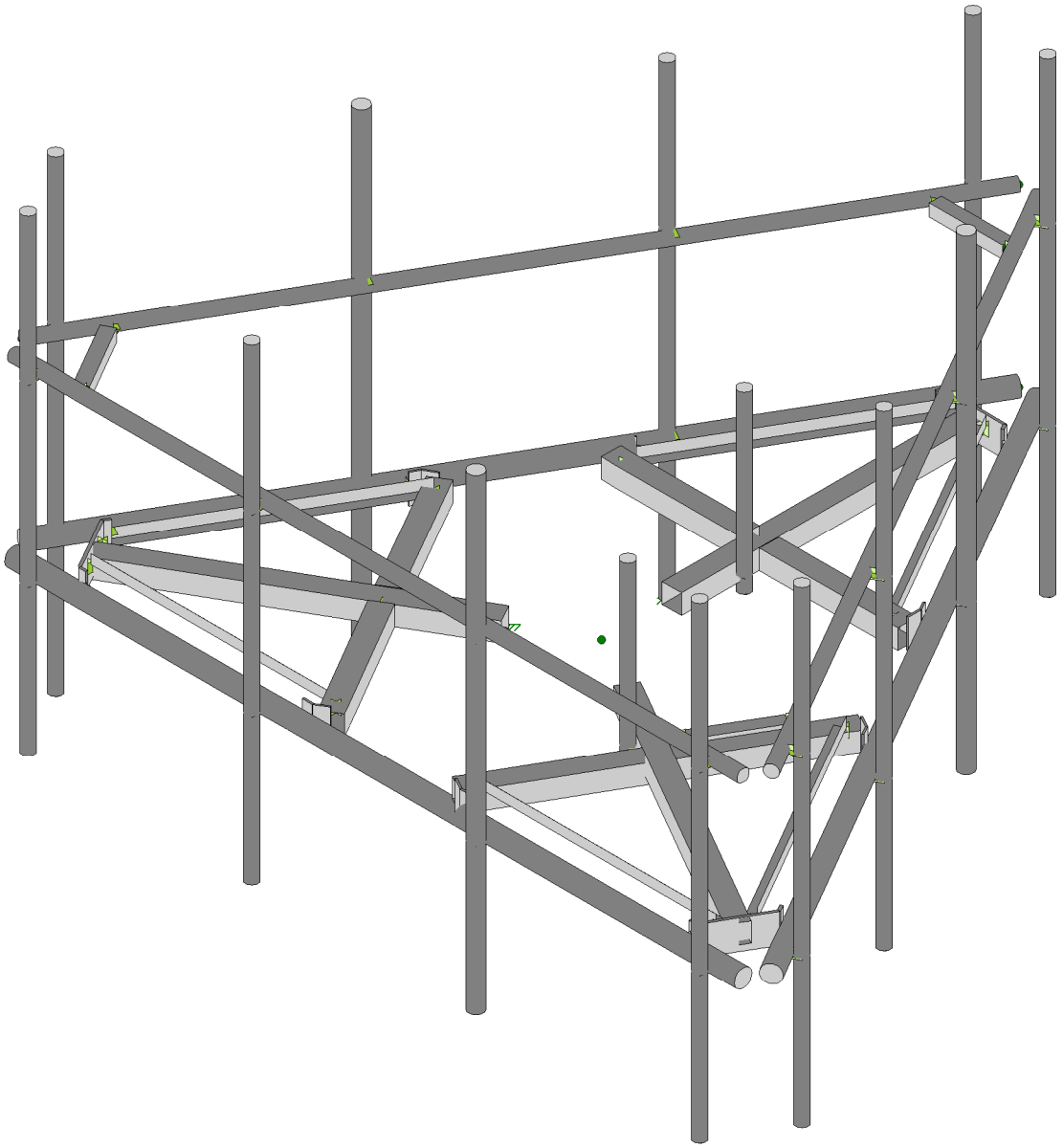
SITE PRO 1 — A valmont COMPANY

Engineering Support Team:
1-888-753-7446

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

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4433	BMC 3/17/2009		LWRM

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	CEK 8/24/2012	LWRM



Envelope Only Solution

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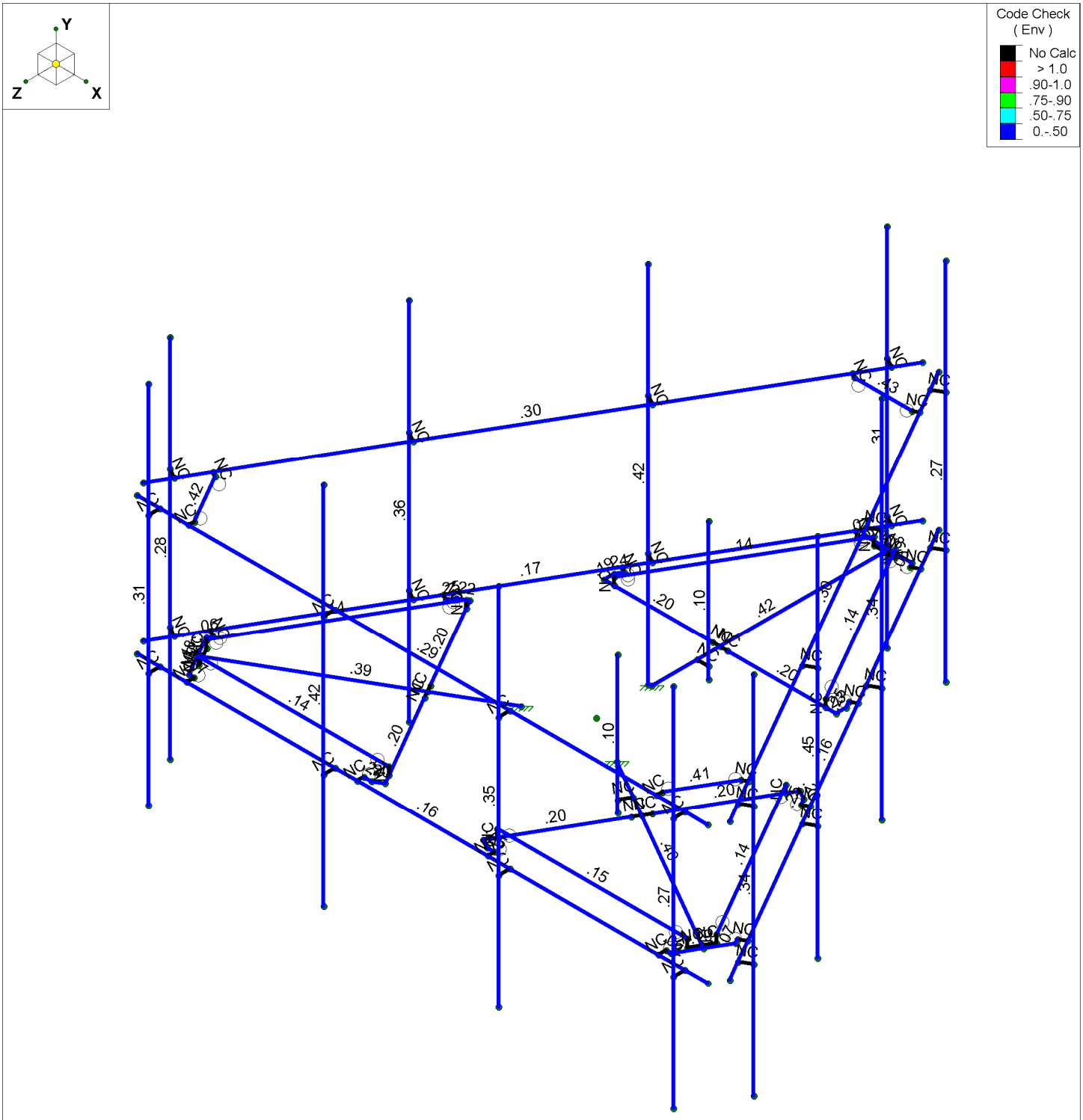

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Envelope Only Solution

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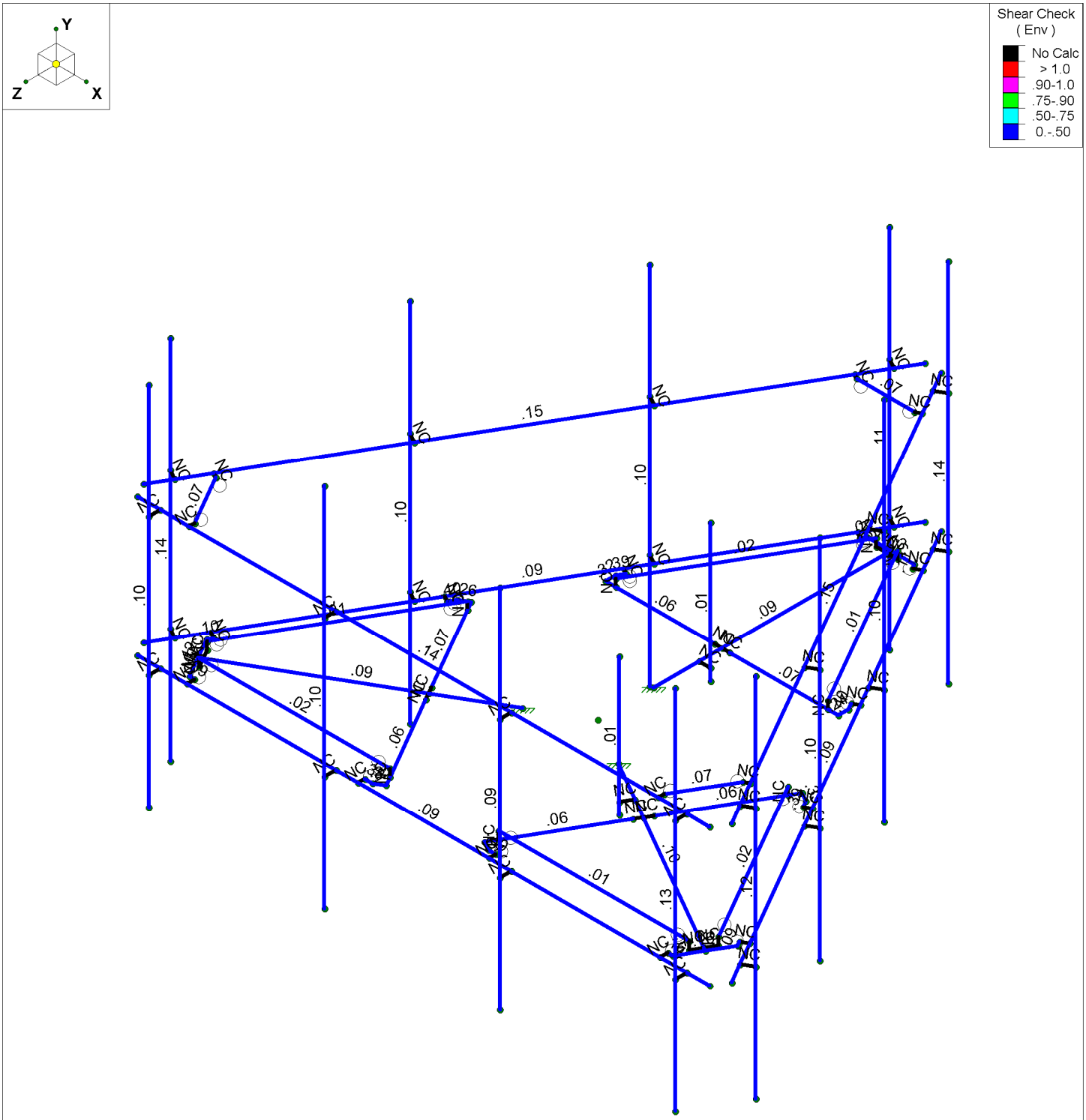

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

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Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					96			
2	Antenna Di	None					96			
3	Antenna Wo (0 Deg)	None					96			
4	Antenna Wo (30 Deg)	None					96			
5	Antenna Wo (60 Deg)	None					96			
6	Antenna Wo (90 Deg)	None					96			
7	Antenna Wo (120 Deg)	None					96			
8	Antenna Wo (150 Deg)	None					96			
9	Antenna Wo (180 Deg)	None					96			
10	Antenna Wo (210 Deg)	None					96			
11	Antenna Wo (240 Deg)	None					96			
12	Antenna Wo (270 Deg)	None					96			
13	Antenna Wo (300 Deg)	None					96			
14	Antenna Wo (330 Deg)	None					96			
15	Antenna Wi (0 Deg)	None					96			
16	Antenna Wi (30 Deg)	None					96			
17	Antenna Wi (60 Deg)	None					96			
18	Antenna Wi (90 Deg)	None					96			
19	Antenna Wi (120 Deg)	None					96			
20	Antenna Wi (150 Deg)	None					96			
21	Antenna Wi (180 Deg)	None					96			
22	Antenna Wi (210 Deg)	None					96			
23	Antenna Wi (240 Deg)	None					96			
24	Antenna Wi (270 Deg)	None					96			
25	Antenna Wi (300 Deg)	None					96			
26	Antenna Wi (330 Deg)	None					96			
27	Antenna Wm (0 Deg)	None					96			
28	Antenna Wm (30 Deg)	None					96			
29	Antenna Wm (60 Deg)	None					96			
30	Antenna Wm (90 Deg)	None					96			
31	Antenna Wm (120 Deg)	None					96			
32	Antenna Wm (150 Deg)	None					96			
33	Antenna Wm (180 Deg)	None					96			
34	Antenna Wm (210 Deg)	None					96			
35	Antenna Wm (240 Deg)	None					96			
36	Antenna Wm (270 Deg)	None					96			
37	Antenna Wm (300 Deg)	None					96			
38	Antenna Wm (330 Deg)	None					96			
39	Structure D	None		-1					3	
40	Structure Di	None						59	3	
41	Structure Wo (0 Deg)	None						118		
42	Structure Wo (30 Deg)	None						118		
43	Structure Wo (60 Deg)	None						118		
44	Structure Wo (90 Deg)	None						118		
45	Structure Wo (120 D...	None						118		
46	Structure Wo (150 D...	None						118		
47	Structure Wo (180 D...	None						118		
48	Structure Wo (210 D...	None						118		
49	Structure Wo (240 D...	None						118		
50	Structure Wo (270 D...	None						118		
51	Structure Wo (300 D...	None						118		
52	Structure Wo (330 D...	None						118		
53	Structure Wi (0 Deg)	None						118		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						118		
55	Structure Wi (60 Deg)	None						118		
56	Structure Wi (90 Deg)	None						118		
57	Structure Wi (120 De...	None						118		
58	Structure Wi (150 De...	None						118		
59	Structure Wi (180 De...	None						118		
60	Structure Wi (210 De...	None						118		
61	Structure Wi (240 De...	None						118		
62	Structure Wi (270 De...	None						118		
63	Structure Wi (300 De...	None						118		
64	Structure Wi (330 De...	None						118		
65	Structure Wm (0 Deg)	None						118		
66	Structure Wm (30 De...	None						118		
67	Structure Wm (60 De...	None						118		
68	Structure Wm (90 De...	None						118		
69	Structure Wm (120 D...	None						118		
70	Structure Wm (150 D...	None						118		
71	Structure Wm (180 D...	None						118		
72	Structure Wm (210 D...	None						118		
73	Structure Wm (240 D...	None						118		
74	Structure Wm (270 D...	None						118		
75	Structure Wm (300 D...	None						118		
76	Structure Wm (330 D...	None						118		
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	So...	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								

Load Combinations (Continued)

	Description	So...	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
24	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1....	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1....	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic ...		Y		1	1	39	1																
53	1.2D + 1....		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1....		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1....		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1....		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1....		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1....		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1....		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1....		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1....		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1....		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1....		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1....		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	N1	0	0	0	0	
2	N2	0	0	-1.208333	0	
3	N3	-1.046447	0	0.604167	0	
4	N4	1.046447	0	0.604167	0	
5	N5	6.25	0	3.810523	0	
6	N6	-6.25	0	3.810523	0	
7	N7	-2.541667	0	-2.708333	0	
8	N8	2.315104	0.166667	-2.708333	0	
9	N9	-2.315104	0.166667	-2.708333	0	
10	N10	5.75	0	3.810523	0	
11	N11	5.75	0	4.060523	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
12	N12	-5.75	0	3.810523	0	
13	N13	-5.75	0	4.060523	0	
14	N14	1.916667	0	3.810523	0	
15	N15	1.916667	0	4.060523	0	
16	N16	-1.916667	0	3.810523	0	
17	N17	-1.916667	0	4.060523	0	
18	N18	-1.916667	-2.5	4.060523	0	
19	N19	-1.916667	5.5	4.060523	0	
20	N20	-5.75	-2.5	4.060523	0	
21	N21	-5.75	5.5	4.060523	0	
22	N22	1.916667	-2.5	4.060523	0	
23	N23	1.916667	5.5	4.060523	0	
24	N24	5.75	-2.5	4.060523	0	
25	N25	5.75	5.5	4.060523	0	
26	N26	0	0	-2.708333	0	
27	N27	0	0	-6.395833	0	
28	N28	2.315104	0	-2.708333	0	
29	N29	-2.315104	0	-2.708333	0	
30	N30	2.541667	0	-2.708333	0	
31	N31	-0.166667	0	-2.708333	0	
32	N32	0.166667	0	-2.708333	0	
33	N33	-2.541667	0	-2.927083	0	
34	N34	2.541667	0	-2.927083	0	
35	N35	2.458333	0	-3.071421	0	
36	N36	0.571615	0	-6.298857	0	
37	N37	-2.458333	0	-3.071421	0	
38	N38	-0.571615	0	-6.298857	0	
39	N39	2.584629	0	-3.144338	0	
40	N40	-2.584629	0	-3.144338	0	
41	N41	-0.515625	0	-6.395833	0	
42	N42	0.515625	0	-6.395833	0	
43	N43	0.715429	0	-6.381888	0	
44	N44	-0.715429	0	-6.381888	0	
45	N45	0	0	-6.3125	0	
46	N46	0.234238	0.166667	-6.3125	0	
47	N47	0.234238	0	-6.3125	0	
48	N48	-0.234238	0.166667	-6.3125	0	
49	N49	-0.234238	0	-6.3125	0	
50	N50	-1.074652	0	3.555315	0	
51	N51	-3.503038	0.166667	-0.650772	0	
52	N52	-1.187933	0.166667	3.359106	0	
53	N53	-2.345485	0	1.354167	0	
54	N54	-5.538954	0	3.197917	0	
55	N55	-3.503038	0	-0.650772	0	
56	N56	-1.187933	0	3.359106	0	
57	N57	-3.616319	0	-0.846981	0	
58	N58	-2.262152	0	1.498504	0	
59	N59	-2.428819	0	1.209829	0	
60	N60	-1.264095	0	3.66469	0	
61	N61	-3.805762	0	-0.737606	0	
62	N62	-3.889095	0	-0.593269	0	
63	N63	-5.740777	0	2.654396	0	
64	N64	-1.430762	0	3.66469	0	
65	N65	-5.169162	0	3.644461	0	
66	N66	-4.015391	0	-0.666185	0	
67	N67	-1.430762	0	3.810523	0	
68	N68	-5.281142	0	3.644461	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
69	N69	-5.796767	0	2.751372	0	
70	N70	-5.884591	0	2.571364	0	
71	N71	-5.169162	0	3.810523	0	
72	N72	-5.466785	0	3.15625	0	
73	N73	-5.583904	0.166667	2.953394	0	
74	N74	-5.583904	0	2.953394	0	
75	N75	-5.349667	0.166667	3.359106	0	
76	N76	-5.349667	0	3.359106	0	
77	N77	3.616319	0	-0.846981	0	
78	N78	1.187933	0.166667	3.359106	0	
79	N79	3.503038	0.166667	-0.650772	0	
80	N80	2.345485	0	1.354167	0	
81	N81	5.538954	0	3.197917	0	
82	N82	1.187933	0	3.359106	0	
83	N83	3.503038	0	-0.650772	0	
84	N84	1.074652	0	3.555315	0	
85	N85	2.428819	0	1.209829	0	
86	N86	2.262152	0	1.498504	0	
87	N87	3.805762	0	-0.737606	0	
88	N88	1.264095	0	3.66469	0	
89	N89	1.430762	0	3.66469	0	
90	N90	5.169162	0	3.644461	0	
91	N91	3.889095	0	-0.593269	0	
92	N92	5.740777	0	2.654396	0	
93	N93	1.430762	0	3.810523	0	
94	N94	4.015391	0	-0.666186	0	
95	N95	5.796767	0	2.751372	0	
96	N96	5.281142	0	3.644461	0	
97	N97	5.169162	0	3.810523	0	
98	N98	5.884591	0	2.571364	0	
99	N99	5.466785	0	3.15625	0	
100	N100	5.349667	0.166667	3.359106	0	
101	N101	5.349667	0	3.359106	0	
102	N102	5.583904	0.166667	2.953394	0	
103	N103	5.583904	0	2.953394	0	
104	N104	0.17501	0	-7.31792	0	
105	N105	6.42501	0	3.507397	0	
106	N106	-6.42501	0	3.507397	0	
107	N107	-0.17501	0	-7.31792	0	
108	N108	6.25	3	3.810523	0	
109	N109	-6.25	3	3.810523	0	
110	N110	5.75	3	3.810523	0	
111	N111	5.75	3	4.060523	0	
112	N112	-5.75	3	3.810523	0	
113	N113	-5.75	3	4.060523	0	
114	N114	1.916667	3	3.810523	0	
115	N115	1.916667	3	4.060523	0	
116	N116	-1.916667	3	3.810523	0	
117	N117	-1.916667	3	4.060523	0	
118	N118	0.17501	3	-7.31792	0	
119	N119	6.42501	3	3.507397	0	
120	N120	-6.42501	3	3.507397	0	
121	N121	-0.17501	3	-7.31792	0	
122	N122	-5.125	3	3.810523	0	
123	N123	5.125	3	3.810523	0	
124	N124	-5.125	3	3.685523	0	
125	N125	5.125	3	3.685523	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
126	N134	0	0	-2.208333	0	
127	N135	.25	0	-2.208333	0	
128	N136	.25	-.25	-2.208333	0	
129	N137	.25	2.75	-2.208333	0	
130	N138	1.912473	0	1.104167	0	
131	N139	1.787473	0	1.320673	0	
132	N140	1.787473	-.25	1.320673	0	
133	N141	1.787473	2.75	1.320673	0	
134	N142	0.42501	0	-6.884908	0	
135	N143	0.641516	0	-7.009908	0	
136	N144	6.17501	0	3.074384	0	
137	N145	6.391516	0	2.949384	0	
138	N146	2.341677	0	-3.565144	0	
139	N147	2.558183	0	-3.690144	0	
140	N148	4.258343	0	-0.24538	0	
141	N149	4.47485	0	-0.37038	0	
142	N150	4.47485	-2.5	-0.37038	0	
143	N151	4.47485	5.5	-0.37038	0	
144	N152	6.391516	-2.5	2.949384	0	
145	N153	6.391516	5.5	2.949384	0	
146	N154	2.558183	-2.5	-3.690144	0	
147	N155	2.558183	5.5	-3.690144	0	
148	N156	0.641516	-2.5	-7.009908	0	
149	N157	0.641516	5.5	-7.009908	0	
150	N158	0.42501	3	-6.884908	0	
151	N159	0.641516	3	-7.009908	0	
152	N160	6.17501	3	3.074384	0	
153	N161	6.391516	3	2.949384	0	
154	N162	2.341677	3	-3.565144	0	
155	N163	2.558183	3	-3.690144	0	
156	N164	4.258343	3	-0.24538	0	
157	N165	4.47485	3	-0.37038	0	
158	N166	-6.17501	0	3.074384	0	
159	N167	-6.391516	0	2.949384	0	
160	N168	-0.42501	0	-6.884908	0	
161	N169	-0.641516	0	-7.009908	0	
162	N170	-4.258343	0	-0.24538	0	
163	N171	-4.47485	0	-0.37038	0	
164	N172	-2.341677	0	-3.565144	0	
165	N173	-2.558183	0	-3.690144	0	
166	N174	-2.558183	-2.5	-3.690144	0	
167	N175	-2.558183	5.5	-3.690144	0	
168	N176	-0.641516	-2.5	-7.009908	0	
169	N177	-0.641516	5.5	-7.009908	0	
170	N178	-4.47485	-2.5	-0.37038	0	
171	N179	-4.47485	5.5	-0.37038	0	
172	N180	-6.391516	-2.5	2.949384	0	
173	N181	-6.391516	5.5	2.949384	0	
174	N182	-6.17501	3	3.074384	0	
175	N183	-6.391516	3	2.949384	0	
176	N184	-0.42501	3	-6.884908	0	
177	N185	-0.641516	3	-7.009908	0	
178	N186	-4.258343	3	-0.24538	0	
179	N187	-4.47485	3	-0.37038	0	
180	N188	-2.341677	3	-3.565144	0	
181	N189	-2.558183	3	-3.690144	0	
182	N182A	5.86251	3	2.533119	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
183	N183A	0.73751	3	-6.343642	0	
184	N184A	5.754257	3	2.595619	0	
185	N185A	0.629257	3	-6.281142	0	
186	N186A	-0.73751	3	-6.343642	0	
187	N187A	-5.86251	3	2.533119	0	
188	N188A	-0.629257	3	-6.281142	0	
189	N189A	-5.754257	3	2.595619	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Cross Arm Plate	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
7	Support Rail	PIPE_2.0	Beam	Pipe	A36 Gr.36	Typical	1.02	.627	.627	1.25
8	Support Rail Bracket	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
9	Antenna Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
10	Large Antenna Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E..Density[k/ft...		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(d...	Section/Shape	Type	Design List	Material	Design Rul...
1	M1	N5	N6			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M2	N106	N107			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
3	M3	N104	N105			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
4	M4	N2	N27			Standoff Horizontal	Beam	SquareTube	A500 Gr...	Typical
5	M5	N3	N54			Standoff Horizontal	Beam	SquareTube	A500 Gr...	Typical
6	M6	N4	N81			Standoff Horizontal	Beam	SquareTube	A500 Gr...	Typical
7	M7	N41	N42			Corner Plate	Beam	BAR	A36 Gr.36	Typical
8	M8	N42	N36			Corner Plate	Beam	BAR	A36 Gr.36	Typical
9	M9	N41	N38			Corner Plate	Beam	BAR	A36 Gr.36	Typical
10	M10	N68	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
11	M11	N69	N63			Corner Plate	Beam	BAR	A36 Gr.36	Typical
12	M12	N68	N65			Corner Plate	Beam	BAR	A36 Gr.36	Typical
13	M13	N95	N96			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M14	N96	N90			Corner Plate	Beam	BAR	A36 Gr.36	Typical
15	M15	N95	N92			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M16	N30	N32			Crossmember	Beam	SquareTube	A500 Gr...	Typical
17	M17	N31	N7			Crossmember	Beam	SquareTube	A500 Gr...	Typical
18	M18	N57	N59			Crossmember	Beam	SquareTube	A500 Gr...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
19	M19	N58	N50			Crossmember	Beam	SquareTube	A500 Gr...	Typical
20	M20	N84	N86			Crossmember	Beam	SquareTube	A500 Gr...	Typical
21	M21	N85	N77			Crossmember	Beam	SquareTube	A500 Gr...	Typical
22	M22	N46	N8			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
23	M23	N9	N48			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
24	M24	N73	N51			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
25	M25	N52	N75			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
26	M26	N100	N78			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
27	M27	N79	N102			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
28	M28	N30	N34			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
29	M29	N34	N35			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
30	M30	N7	N33			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
31	M31	N33	N37			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
32	M32	N57	N61			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
33	M33	N61	N62			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
34	M34	N50	N60			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
35	M35	N60	N64			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
36	M36	N84	N88			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
37	M37	N88	N89			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
38	M38	N77	N87			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
39	M39	N87	N91			Cross Arm Plate	Beam	RECT	A36 Gr.36	Typical
40	M40	N108	N109			Support Rail	Beam	Pipe	A36 Gr.36	Typical
41	M41	N120	N121			Support Rail	Beam	Pipe	A36 Gr.36	Typical
42	M42	N118	N119			Support Rail	Beam	Pipe	A36 Gr.36	Typical
43	OVP2	N137	N136			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
44	OVP1	N141	N140			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
45	MP1A	N25	N24			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
46	MP2A	N23	N22			Large Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
47	MP3A	N19	N18			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
48	MP4A	N21	N20			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
49	MP1B	N181	N180			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
50	MP2B	N179	N178			Large Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
51	MP3B	N175	N174			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
52	MP4B	N177	N176			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
53	MP1C	N157	N156			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
54	MP2C	N155	N154			Large Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
55	MP3C	N151	N150			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
56	MP4C	N153	N152			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
57	M60	N10	N11			RIGID	None	None	RIGID	Typical
58	M61	N12	N13			RIGID	None	None	RIGID	Typical
59	M62	N14	N15			RIGID	None	None	RIGID	Typical
60	M63	N16	N17			RIGID	None	None	RIGID	Typical
61	M64	N9	N29			RIGID	None	None	RIGID	Typical
62	M65	N8	N28			RIGID	None	None	RIGID	Typical
63	M66	N48	N49			RIGID	None	None	RIGID	Typical
64	M67	N31	N26			RIGID	None	None	RIGID	Typical
65	M68	N26	N32			RIGID	None	None	RIGID	Typical
66	M69	N35	N39			RIGID	None	None	RIGID	Typical
67	M70	N36	N43			RIGID	None	None	RIGID	Typical
68	M71	N37	N40			RIGID	None	None	RIGID	Typical
69	M72	N38	N44			RIGID	None	None	RIGID	Typical
70	M73	N49	N45			RIGID	None	None	RIGID	Typical
71	M74	N45	N47			RIGID	None	None	RIGID	Typical
72	M75	N46	N47			RIGID	None	None	RIGID	Typical
73	M76	N52	N56			RIGID	None	None	RIGID	Typical
74	M77	N51	N55			RIGID	None	None	RIGID	Typical
75	M78	N75	N76			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Rul...
76	M79	N58	N53			RIGID	None	None	RIGID	Typical
77	M80	N53	N59			RIGID	None	None	RIGID	Typical
78	M81	N62	N66			RIGID	None	None	RIGID	Typical
79	M82	N63	N70			RIGID	None	None	RIGID	Typical
80	M83	N64	N67			RIGID	None	None	RIGID	Typical
81	M84	N65	N71			RIGID	None	None	RIGID	Typical
82	M85	N76	N72			RIGID	None	None	RIGID	Typical
83	M86	N72	N74			RIGID	None	None	RIGID	Typical
84	M87	N73	N74			RIGID	None	None	RIGID	Typical
85	M88	N79	N83			RIGID	None	None	RIGID	Typical
86	M89	N78	N82			RIGID	None	None	RIGID	Typical
87	M90	N102	N103			RIGID	None	None	RIGID	Typical
88	M91	N85	N80			RIGID	None	None	RIGID	Typical
89	M92	N80	N86			RIGID	None	None	RIGID	Typical
90	M93	N89	N93			RIGID	None	None	RIGID	Typical
91	M94	N90	N97			RIGID	None	None	RIGID	Typical
92	M95	N91	N94			RIGID	None	None	RIGID	Typical
93	M96	N92	N98			RIGID	None	None	RIGID	Typical
94	M97	N103	N99			RIGID	None	None	RIGID	Typical
95	M98	N99	N101			RIGID	None	None	RIGID	Typical
96	M99	N100	N101			RIGID	None	None	RIGID	Typical
97	M100	N110	N111			RIGID	None	None	RIGID	Typical
98	M101	N142	N143			RIGID	None	None	RIGID	Typical
99	M102	N112	N113			RIGID	None	None	RIGID	Typical
100	M103	N144	N145			RIGID	None	None	RIGID	Typical
101	M104	N114	N115			RIGID	None	None	RIGID	Typical
102	M105	N146	N147			RIGID	None	None	RIGID	Typical
103	M106	N116	N117			RIGID	None	None	RIGID	Typical
104	M107	N148	N149			RIGID	None	None	RIGID	Typical
105	M108	N158	N159			RIGID	None	None	RIGID	Typical
106	M109	N160	N161			RIGID	None	None	RIGID	Typical
107	M110	N162	N163			RIGID	None	None	RIGID	Typical
108	M111	N164	N165			RIGID	None	None	RIGID	Typical
109	M112	N123	N125			RIGID	None	None	RIGID	Typical
110	M113	N166	N167			RIGID	None	None	RIGID	Typical
111	M114	N122	N124			RIGID	None	None	RIGID	Typical
112	M115	N168	N169			RIGID	None	None	RIGID	Typical
113	M117	N170	N171			RIGID	None	None	RIGID	Typical
114	M119	N172	N173			RIGID	None	None	RIGID	Typical
115	M121	N182	N183			RIGID	None	None	RIGID	Typical
116	M123	N184	N185			RIGID	None	None	RIGID	Typical
117	M124	N134	N135			RIGID	None	None	RIGID	Typical
118	M125	N186	N187			RIGID	None	None	RIGID	Typical
119	M126	N138	N139			RIGID	None	None	RIGID	Typical
120	M127	N188	N189			RIGID	None	None	RIGID	Typical
121	M121A	N183A	N185A			RIGID	None	None	RIGID	Typical
122	M122	N182A	N184A			RIGID	None	None	RIGID	Typical
123	M123A	N187A	N189A			RIGID	None	None	RIGID	Typical
124	M124A	N186A	N188A			RIGID	None	None	RIGID	Typical
125	M43	N184A	N125		180	Support Rail Bracket	Beam	Single Angle	A36 Gr.36	Typical
126	M44	N124	N189A		180	Support Rail Bracket	Beam	Single Angle	A36 Gr.36	Typical
127	M45	N188A	N185A		180	Support Rail Bracket	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M2						Yes	Default			None
3	M3						Yes	Default			None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes				None
7	M7						Yes	Default			None
8	M8						Yes				None
9	M9						Yes				None
10	M10						Yes	Default			None
11	M11						Yes				None
12	M12						Yes				None
13	M13						Yes	Default			None
14	M14						Yes				None
15	M15						Yes				None
16	M16						Yes	Default			None
17	M17						Yes	Default			None
18	M18						Yes	Default			None
19	M19						Yes	Default			None
20	M20						Yes	Default			None
21	M21						Yes	Default			None
22	M22	OOOOOX	OOOOOX				Yes	Default			None
23	M23	OOOOOX	OOOOOX				Yes	Default			None
24	M24	OOOOOX	OOOOOX				Yes	Default			None
25	M25	OOOOOX	OOOOOX				Yes	Default			None
26	M26	OOOOOX	OOOOOX				Yes	Default			None
27	M27	OOOOOX	OOOOOX				Yes	Default			None
28	M28						Yes				None
29	M29						Yes				None
30	M30						Yes				None
31	M31						Yes				None
32	M32						Yes				None
33	M33						Yes				None
34	M34						Yes				None
35	M35						Yes				None
36	M36						Yes				None
37	M37						Yes				None
38	M38						Yes				None
39	M39						Yes				None
40	M40						Yes	Default			None
41	M41						Yes	Default			None
42	M42						Yes	Default			None
43	OVP2						Yes	** NA **			None
44	OVP1						Yes	** NA **			None
45	MP1A						Yes	** NA **			None
46	MP2A						Yes	** NA **			None
47	MP3A						Yes	** NA **			None
48	MP4A						Yes	** NA **			None
49	MP1B						Yes	** NA **			None
50	MP2B						Yes	** NA **			None
51	MP3B						Yes	** NA **			None
52	MP4B						Yes	** NA **			None
53	MP1C						Yes	** NA **			None
54	MP2C						Yes	** NA **			None
55	MP3C						Yes	** NA **			None
56	MP4C						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
57	M60						Yes	** NA **			None
58	M61						Yes	** NA **			None
59	M62						Yes	** NA **			None
60	M63						Yes	** NA **			None
61	M64						Yes	** NA **			None
62	M65						Yes	** NA **			None
63	M66						Yes	** NA **			None
64	M67						Yes	** NA **			None
65	M68						Yes	** NA **			None
66	M69		BenPIN				Yes	** NA **			None
67	M70		BenPIN				Yes	** NA **			None
68	M71		BenPIN				Yes	** NA **			None
69	M72		BenPIN				Yes	** NA **			None
70	M73						Yes	** NA **			None
71	M74						Yes	** NA **			None
72	M75						Yes	** NA **			None
73	M76						Yes	** NA **			None
74	M77						Yes	** NA **			None
75	M78						Yes	** NA **			None
76	M79						Yes	** NA **			None
77	M80						Yes	** NA **			None
78	M81		BenPIN				Yes	** NA **			None
79	M82		BenPIN				Yes	** NA **			None
80	M83		BenPIN				Yes	** NA **			None
81	M84		BenPIN				Yes	** NA **			None
82	M85						Yes	** NA **			None
83	M86						Yes	** NA **			None
84	M87						Yes	** NA **			None
85	M88						Yes	** NA **			None
86	M89						Yes	** NA **			None
87	M90						Yes	** NA **			None
88	M91						Yes	** NA **			None
89	M92						Yes	** NA **			None
90	M93		BenPIN				Yes	** NA **			None
91	M94		BenPIN				Yes	** NA **			None
92	M95		BenPIN				Yes	** NA **			None
93	M96		BenPIN				Yes	** NA **			None
94	M97						Yes	** NA **			None
95	M98						Yes	** NA **			None
96	M99						Yes	** NA **			None
97	M100						Yes	** NA **			None
98	M101						Yes	** NA **			None
99	M102						Yes	** NA **			None
100	M103						Yes	** NA **			None
101	M104						Yes	** NA **			None
102	M105						Yes	** NA **			None
103	M106						Yes	** NA **			None
104	M107						Yes	** NA **			None
105	M108						Yes	** NA **			None
106	M109						Yes	** NA **			None
107	M110						Yes	** NA **			None
108	M111						Yes	** NA **			None
109	M112	OOOOOX					Yes	** NA **			None
110	M113						Yes	** NA **			None
111	M114	OOOOOX					Yes	** NA **			None
112	M115						Yes	** NA **			None
113	M117						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
114	M119						Yes	** NA **			None
115	M121						Yes	** NA **			None
116	M123						Yes	** NA **			None
117	M124						Yes	** NA **			None
118	M125						Yes	** NA **			None
119	M126						Yes	** NA **			None
120	M127						Yes	** NA **			None
121	M121A	OOOOOX					Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123A	OOOOOX					Yes	** NA **			None
124	M124A	OOOOOX					Yes	** NA **			None
125	M43						Yes				None
126	M44						Yes				None
127	M45						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-43.55	3
2	MP1A	My	-.033	3
3	MP1A	Mz	0	3
4	MP1A	Y	-43.55	5
5	MP1A	My	-.033	5
6	MP1A	Mz	0	5
7	MP1B	Y	-43.55	3
8	MP1B	My	.011	3
9	MP1B	Mz	-.031	3
10	MP1B	Y	-43.55	5
11	MP1B	My	.011	5
12	MP1B	Mz	-.031	5
13	MP1C	Y	-43.55	3
14	MP1C	My	.014	3
15	MP1C	Mz	.03	3
16	MP1C	Y	-43.55	5
17	MP1C	My	.014	5
18	MP1C	Mz	.03	5
19	MP2A	Y	-84.4	4.5
20	MP2A	My	.042	4.5
21	MP2A	Mz	0	4.5
22	MP2B	Y	-84.4	4.5
23	MP2B	My	.042	4.5
24	MP2B	Mz	0	4.5
25	MP2C	Y	-84.4	4.5
26	MP2C	My	.042	4.5
27	MP2C	Mz	0	4.5
28	MP3A	Y	-70.3	4.5
29	MP3A	My	.035	4.5
30	MP3A	Mz	0	4.5
31	MP3B	Y	-70.3	4.5
32	MP3B	My	.035	4.5
33	MP3B	Mz	0	4.5
34	MP3C	Y	-70.3	4.5
35	MP3C	My	.035	4.5
36	MP3C	Mz	0	4.5
37	MP2A	Y	-20	2
38	MP2A	My	-.015	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP2A	Mz	.012	2
40	MP2A	Y	-20	6
41	MP2A	My	-.015	6
42	MP2A	Mz	.012	6
43	MP2B	Y	-20	2
44	MP2B	My	-.006	2
45	MP2B	Mz	-.018	2
46	MP2B	Y	-20	6
47	MP2B	My	-.006	6
48	MP2B	Mz	-.018	6
49	MP2C	Y	-20	2
50	MP2C	My	.017	2
51	MP2C	Mz	.009	2
52	MP2C	Y	-20	6
53	MP2C	My	.017	6
54	MP2C	Mz	.009	6
55	MP2A	Y	-20	2
56	MP2A	My	-.015	2
57	MP2A	Mz	-.012	2
58	MP2A	Y	-20	6
59	MP2A	My	-.015	6
60	MP2A	Mz	-.012	6
61	MP2B	Y	-20	2
62	MP2B	My	.016	2
63	MP2B	Mz	-.01	2
64	MP2B	Y	-20	6
65	MP2B	My	.016	6
66	MP2B	Mz	-.01	6
67	MP2C	Y	-20	2
68	MP2C	My	-.004	2
69	MP2C	Mz	.019	2
70	MP2C	Y	-20	6
71	MP2C	My	-.004	6
72	MP2C	Mz	.019	6
73	MP4A	Y	-20	2
74	MP4A	My	-.015	2
75	MP4A	Mz	0	2
76	MP4A	Y	-20	6
77	MP4A	My	-.015	6
78	MP4A	Mz	0	6
79	MP4B	Y	-20	2
80	MP4B	My	.005	2
81	MP4B	Mz	-.014	2
82	MP4B	Y	-20	6
83	MP4B	My	.005	6
84	MP4B	Mz	-.014	6
85	MP4C	Y	-20	2
86	MP4C	My	.006	2
87	MP4C	Mz	.014	2
88	MP4C	Y	-20	6
89	MP4C	My	.006	6
90	MP4C	Mz	.014	6
91	OVP1	Y	-26.9	1
92	OVP1	My	0	1
93	OVP1	Mz	0	1
94	OVP2	Y	-26.9	1
95	OVP2	My	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	OVP2	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	Y	-52.945	3
2	MP1A	My	-.04	3
3	MP1A	Mz	0	3
4	MP1A	Y	-52.945	5
5	MP1A	My	-.04	5
6	MP1A	Mz	0	5
7	MP1B	Y	-52.945	3
8	MP1B	My	.014	3
9	MP1B	Mz	-.037	3
10	MP1B	Y	-52.945	5
11	MP1B	My	.014	5
12	MP1B	Mz	-.037	5
13	MP1C	Y	-52.945	3
14	MP1C	My	.017	3
15	MP1C	Mz	.036	3
16	MP1C	Y	-52.945	5
17	MP1C	My	.017	5
18	MP1C	Mz	.036	5
19	MP2A	Y	-67.204	4.5
20	MP2A	My	.034	4.5
21	MP2A	Mz	0	4.5
22	MP2B	Y	-67.204	4.5
23	MP2B	My	.034	4.5
24	MP2B	Mz	0	4.5
25	MP2C	Y	-67.204	4.5
26	MP2C	My	.034	4.5
27	MP2C	Mz	0	4.5
28	MP3A	Y	-60.638	4.5
29	MP3A	My	.03	4.5
30	MP3A	Mz	0	4.5
31	MP3B	Y	-60.638	4.5
32	MP3B	My	.03	4.5
33	MP3B	Mz	0	4.5
34	MP3C	Y	-60.638	4.5
35	MP3C	My	.03	4.5
36	MP3C	Mz	0	4.5
37	MP2A	Y	-90.443	2
38	MP2A	My	-.068	2
39	MP2A	Mz	.053	2
40	MP2A	Y	-90.443	6
41	MP2A	My	-.068	6
42	MP2A	Mz	.053	6
43	MP2B	Y	-90.443	2
44	MP2B	My	-.026	2
45	MP2B	Mz	-.082	2
46	MP2B	Y	-90.443	6
47	MP2B	My	-.026	6
48	MP2B	Mz	-.082	6
49	MP2C	Y	-90.443	2
50	MP2C	My	.076	2
51	MP2C	Mz	.039	2
52	MP2C	Y	-90.443	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	My	.076	6
54	MP2C	Mz	.039	6
55	MP2A	Y	-90.443	2
56	MP2A	My	-.068	2
57	MP2A	Mz	-.053	2
58	MP2A	Y	-90.443	6
59	MP2A	My	-.068	6
60	MP2A	Mz	-.053	6
61	MP2B	Y	-90.443	2
62	MP2B	My	.073	2
63	MP2B	Mz	-.046	2
64	MP2B	Y	-90.443	6
65	MP2B	My	.073	6
66	MP2B	Mz	-.046	6
67	MP2C	Y	-90.443	2
68	MP2C	My	-.019	2
69	MP2C	Mz	.084	2
70	MP2C	Y	-90.443	6
71	MP2C	My	-.019	6
72	MP2C	Mz	.084	6
73	MP4A	Y	-90.443	2
74	MP4A	My	-.068	2
75	MP4A	Mz	0	2
76	MP4A	Y	-90.443	6
77	MP4A	My	-.068	6
78	MP4A	Mz	0	6
79	MP4B	Y	-90.443	2
80	MP4B	My	.023	2
81	MP4B	Mz	-.064	2
82	MP4B	Y	-90.443	6
83	MP4B	My	.023	6
84	MP4B	Mz	-.064	6
85	MP4C	Y	-90.443	2
86	MP4C	My	.029	2
87	MP4C	Mz	.061	2
88	MP4C	Y	-90.443	6
89	MP4C	My	.029	6
90	MP4C	Mz	.061	6
91	OVP1	Y	-82.341	1
92	OVP1	My	0	1
93	OVP1	Mz	0	1
94	OVP2	Y	-82.341	1
95	OVP2	My	0	1
96	OVP2	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-86.196	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	-86.196	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	-39.881	3
9	MP1B	Mx	.028	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP1B	X	0	5
11	MP1B	Z	-39.881	5
12	MP1B	Mx	.028	5
13	MP1C	X	0	3
14	MP1C	Z	-43.113	3
15	MP1C	Mx	-.029	3
16	MP1C	X	0	5
17	MP1C	Z	-43.113	5
18	MP1C	Mx	-.029	5
19	MP2A	X	0	4.5
20	MP2A	Z	-68.59	4.5
21	MP2A	Mx	0	4.5
22	MP2B	X	0	4.5
23	MP2B	Z	-68.59	4.5
24	MP2B	Mx	0	4.5
25	MP2C	X	0	4.5
26	MP2C	Z	-68.59	4.5
27	MP2C	Mx	0	4.5
28	MP3A	X	0	4.5
29	MP3A	Z	-68.59	4.5
30	MP3A	Mx	0	4.5
31	MP3B	X	0	4.5
32	MP3B	Z	-68.59	4.5
33	MP3B	Mx	0	4.5
34	MP3C	X	0	4.5
35	MP3C	Z	-68.59	4.5
36	MP3C	Mx	0	4.5
37	MP2A	X	0	2
38	MP2A	Z	-149.65	2
39	MP2A	Mx	-.087	2
40	MP2A	X	0	6
41	MP2A	Z	-149.65	6
42	MP2A	Mx	-.087	6
43	MP2B	X	0	2
44	MP2B	Z	-104.894	2
45	MP2B	Mx	.095	2
46	MP2B	X	0	6
47	MP2B	Z	-104.894	6
48	MP2B	Mx	.095	6
49	MP2C	X	0	2
50	MP2C	Z	-108.018	2
51	MP2C	Mx	-.047	2
52	MP2C	X	0	6
53	MP2C	Z	-108.018	6
54	MP2C	Mx	-.047	6
55	MP2A	X	0	2
56	MP2A	Z	-149.65	2
57	MP2A	Mx	.087	2
58	MP2A	X	0	6
59	MP2A	Z	-149.65	6
60	MP2A	Mx	.087	6
61	MP2B	X	0	2
62	MP2B	Z	-104.894	2
63	MP2B	Mx	.053	2
64	MP2B	X	0	6
65	MP2B	Z	-104.894	6
66	MP2B	Mx	.053	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2C	X	0	2
68	MP2C	Z	-108.018	2
69	MP2C	Mx	-.1	2
70	MP2C	X	0	6
71	MP2C	Z	-108.018	6
72	MP2C	Mx	-.1	6
73	MP4A	X	0	2
74	MP4A	Z	-149.65	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	-149.65	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	-104.894	2
81	MP4B	Mx	.074	2
82	MP4B	X	0	6
83	MP4B	Z	-104.894	6
84	MP4B	Mx	.074	6
85	MP4C	X	0	2
86	MP4C	Z	-108.018	2
87	MP4C	Mx	-.073	2
88	MP4C	X	0	6
89	MP4C	Z	-108.018	6
90	MP4C	Mx	-.073	6
91	OVP1	X	0	1
92	OVP1	Z	-91.697	1
93	OVP1	Mx	0	1
94	OVP2	X	0	1
95	OVP2	Z	-91.697	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	36.542	3
2	MP1A	Z	-63.292	3
3	MP1A	Mx	-.027	3
4	MP1A	X	36.542	5
5	MP1A	Z	-63.292	5
6	MP1A	Mx	-.027	5
7	MP1B	X	17.664	3
8	MP1B	Z	-30.594	3
9	MP1B	Mx	.026	3
10	MP1B	X	17.664	5
11	MP1B	Z	-30.594	5
12	MP1B	Mx	.026	5
13	MP1C	X	34.47	3
14	MP1C	Z	-59.704	3
15	MP1C	Mx	-.03	3
16	MP1C	X	34.47	5
17	MP1C	Z	-59.704	5
18	MP1C	Mx	-.03	5
19	MP2A	X	31.452	4.5
20	MP2A	Z	-54.477	4.5
21	MP2A	Mx	.016	4.5
22	MP2B	X	31.452	4.5
23	MP2B	Z	-54.477	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2B	Mx	.016	4.5
25	MP2C	X	31.452	4.5
26	MP2C	Z	-54.477	4.5
27	MP2C	Mx	.016	4.5
28	MP3A	X	30.363	4.5
29	MP3A	Z	-52.591	4.5
30	MP3A	Mx	.015	4.5
31	MP3B	X	30.363	4.5
32	MP3B	Z	-52.591	4.5
33	MP3B	Mx	.015	4.5
34	MP3C	X	30.363	4.5
35	MP3C	Z	-52.591	4.5
36	MP3C	Mx	.015	4.5
37	MP2A	X	68.489	2
38	MP2A	Z	-118.627	2
39	MP2A	Mx	-.121	2
40	MP2A	X	68.489	6
41	MP2A	Z	-118.627	6
42	MP2A	Mx	-.121	6
43	MP2B	X	50.247	2
44	MP2B	Z	-87.03	2
45	MP2B	Mx	.064	2
46	MP2B	X	50.247	6
47	MP2B	Z	-87.03	6
48	MP2B	Mx	.064	6
49	MP2C	X	66.488	2
50	MP2C	Z	-115.16	2
51	MP2C	Mx	.006	2
52	MP2C	X	66.488	6
53	MP2C	Z	-115.16	6
54	MP2C	Mx	.006	6
55	MP2A	X	68.489	2
56	MP2A	Z	-118.627	2
57	MP2A	Mx	.018	2
58	MP2A	X	68.489	6
59	MP2A	Z	-118.627	6
60	MP2A	Mx	.018	6
61	MP2B	X	50.247	2
62	MP2B	Z	-87.03	2
63	MP2B	Mx	.084	2
64	MP2B	X	50.247	6
65	MP2B	Z	-87.03	6
66	MP2B	Mx	.084	6
67	MP2C	X	66.488	2
68	MP2C	Z	-115.16	2
69	MP2C	Mx	-.121	2
70	MP2C	X	66.488	6
71	MP2C	Z	-115.16	6
72	MP2C	Mx	-.121	6
73	MP4A	X	68.489	2
74	MP4A	Z	-118.627	2
75	MP4A	Mx	-.051	2
76	MP4A	X	68.489	6
77	MP4A	Z	-118.627	6
78	MP4A	Mx	-.051	6
79	MP4B	X	50.247	2
80	MP4B	Z	-87.03	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP4B	Mx	.074	2
82	MP4B	X	50.247	6
83	MP4B	Z	-87.03	6
84	MP4B	Mx	.074	6
85	MP4C	X	66.488	2
86	MP4C	Z	-115.16	2
87	MP4C	Mx	-.057	2
88	MP4C	X	66.488	6
89	MP4C	Z	-115.16	6
90	MP4C	Mx	-.057	6
91	OVP1	X	41.83	1
92	OVP1	Z	-72.452	1
93	OVP1	Mx	0	1
94	OVP2	X	41.83	1
95	OVP2	Z	-72.452	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	40.58	3
2	MP1A	Z	-23.429	3
3	MP1A	Mx	-.03	3
4	MP1A	X	40.58	5
5	MP1A	Z	-23.429	5
6	MP1A	Mx	-.03	5
7	MP1B	X	47.992	3
8	MP1B	Z	-27.708	3
9	MP1B	Mx	.032	3
10	MP1B	X	47.992	5
11	MP1B	Z	-27.708	5
12	MP1B	Mx	.032	5
13	MP1C	X	74.303	3
14	MP1C	Z	-42.899	3
15	MP1C	Mx	-.006	3
16	MP1C	X	74.303	5
17	MP1C	Z	-42.899	5
18	MP1C	Mx	-.006	5
19	MP2A	X	44.63	4.5
20	MP2A	Z	-25.767	4.5
21	MP2A	Mx	.022	4.5
22	MP2B	X	44.63	4.5
23	MP2B	Z	-25.767	4.5
24	MP2B	Mx	.022	4.5
25	MP2C	X	44.63	4.5
26	MP2C	Z	-25.767	4.5
27	MP2C	Mx	.022	4.5
28	MP3A	X	38.972	4.5
29	MP3A	Z	-22.5	4.5
30	MP3A	Mx	.019	4.5
31	MP3B	X	38.972	4.5
32	MP3B	Z	-22.5	4.5
33	MP3B	Mx	.019	4.5
34	MP3C	X	38.972	4.5
35	MP3C	Z	-22.5	4.5
36	MP3C	Mx	.019	4.5
37	MP2A	X	96.68	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP2A	Z	-55.818	2
39	MP2A	Mx	-.105	2
40	MP2A	X	96.68	6
41	MP2A	Z	-55.818	6
42	MP2A	Mx	-.105	6
43	MP2B	X	103.842	2
44	MP2B	Z	-59.953	2
45	MP2B	Mx	.024	2
46	MP2B	X	103.842	6
47	MP2B	Z	-59.953	6
48	MP2B	Mx	.024	6
49	MP2C	X	129.268	2
50	MP2C	Z	-74.633	2
51	MP2C	Mx	.077	2
52	MP2C	X	129.268	6
53	MP2C	Z	-74.633	6
54	MP2C	Mx	.077	6
55	MP2A	X	96.68	2
56	MP2A	Z	-55.818	2
57	MP2A	Mx	-.04	2
58	MP2A	X	96.68	6
59	MP2A	Z	-55.818	6
60	MP2A	Mx	-.04	6
61	MP2B	X	103.842	2
62	MP2B	Z	-59.953	2
63	MP2B	Mx	.114	2
64	MP2B	X	103.842	6
65	MP2B	Z	-59.953	6
66	MP2B	Mx	.114	6
67	MP2C	X	129.268	2
68	MP2C	Z	-74.633	2
69	MP2C	Mx	-.096	2
70	MP2C	X	129.268	6
71	MP2C	Z	-74.633	6
72	MP2C	Mx	-.096	6
73	MP4A	X	96.68	2
74	MP4A	Z	-55.818	2
75	MP4A	Mx	-.073	2
76	MP4A	X	96.68	6
77	MP4A	Z	-55.818	6
78	MP4A	Mx	-.073	6
79	MP4B	X	103.842	2
80	MP4B	Z	-59.953	2
81	MP4B	Mx	.069	2
82	MP4B	X	103.842	6
83	MP4B	Z	-59.953	6
84	MP4B	Mx	.069	6
85	MP4C	X	129.268	2
86	MP4C	Z	-74.633	2
87	MP4C	Mx	-.01	2
88	MP4C	X	129.268	6
89	MP4C	Z	-74.633	6
90	MP4C	Mx	-.01	6
91	OVP1	X	58.531	1
92	OVP1	Z	-33.793	1
93	OVP1	Mx	0	1
94	OVP2	X	58.531	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	OVP2	Z	-33.793	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	33.745	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.025	3
4	MP1A	X	33.745	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.025	5
7	MP1B	X	80.06	3
8	MP1B	Z	0	3
9	MP1B	Mx	.021	3
10	MP1B	X	80.06	5
11	MP1B	Z	0	5
12	MP1B	Mx	.021	5
13	MP1C	X	76.828	3
14	MP1C	Z	0	3
15	MP1C	Mx	.024	3
16	MP1C	X	76.828	5
17	MP1C	Z	0	5
18	MP1C	Mx	.024	5
19	MP2A	X	45.849	4.5
20	MP2A	Z	0	4.5
21	MP2A	Mx	.023	4.5
22	MP2B	X	45.849	4.5
23	MP2B	Z	0	4.5
24	MP2B	Mx	.023	4.5
25	MP2C	X	45.849	4.5
26	MP2C	Z	0	4.5
27	MP2C	Mx	.023	4.5
28	MP3A	X	37.137	4.5
29	MP3A	Z	0	4.5
30	MP3A	Mx	.019	4.5
31	MP3B	X	37.137	4.5
32	MP3B	Z	0	4.5
33	MP3B	Mx	.019	4.5
34	MP3C	X	37.137	4.5
35	MP3C	Z	0	4.5
36	MP3C	Mx	.019	4.5
37	MP2A	X	98.965	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.074	2
40	MP2A	X	98.965	6
41	MP2A	Z	0	6
42	MP2A	Mx	-.074	6
43	MP2B	X	143.721	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.042	2
46	MP2B	X	143.721	6
47	MP2B	Z	0	6
48	MP2B	Mx	-.042	6
49	MP2C	X	140.598	2
50	MP2C	Z	0	2
51	MP2C	Mx	.119	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2C	X	140.598	6
53	MP2C	Z	0	6
54	MP2C	Mx	.119	6
55	MP2A	X	98.965	2
56	MP2A	Z	0	2
57	MP2A	Mx	-.074	2
58	MP2A	X	98.965	6
59	MP2A	Z	0	6
60	MP2A	Mx	-.074	6
61	MP2B	X	143.721	2
62	MP2B	Z	0	2
63	MP2B	Mx	.116	2
64	MP2B	X	143.721	6
65	MP2B	Z	0	6
66	MP2B	Mx	.116	6
67	MP2C	X	140.598	2
68	MP2C	Z	0	2
69	MP2C	Mx	-.03	2
70	MP2C	X	140.598	6
71	MP2C	Z	0	6
72	MP2C	Mx	-.03	6
73	MP4A	X	98.965	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.074	2
76	MP4A	X	98.965	6
77	MP4A	Z	0	6
78	MP4A	Mx	-.074	6
79	MP4B	X	143.721	2
80	MP4B	Z	0	2
81	MP4B	Mx	.037	2
82	MP4B	X	143.721	6
83	MP4B	Z	0	6
84	MP4B	Mx	.037	6
85	MP4C	X	140.598	2
86	MP4C	Z	0	2
87	MP4C	Mx	.045	2
88	MP4C	X	140.598	6
89	MP4C	Z	0	6
90	MP4C	Mx	.045	6
91	OVP1	X	59.548	1
92	OVP1	Z	0	1
93	OVP1	Mx	0	1
94	OVP2	X	59.548	1
95	OVP2	Z	0	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	40.58	3
2	MP1A	Z	23.429	3
3	MP1A	Mx	-.03	3
4	MP1A	X	40.58	5
5	MP1A	Z	23.429	5
6	MP1A	Mx	-.03	5
7	MP1B	X	73.278	3
8	MP1B	Z	42.307	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	-.011	3
10	MP1B	X	73.278	5
11	MP1B	Z	42.307	5
12	MP1B	Mx	-.011	5
13	MP1C	X	44.168	3
14	MP1C	Z	25.501	3
15	MP1C	Mx	.031	3
16	MP1C	X	44.168	5
17	MP1C	Z	25.501	5
18	MP1C	Mx	.031	5
19	MP2A	X	44.63	4.5
20	MP2A	Z	25.767	4.5
21	MP2A	Mx	.022	4.5
22	MP2B	X	44.63	4.5
23	MP2B	Z	25.767	4.5
24	MP2B	Mx	.022	4.5
25	MP2C	X	44.63	4.5
26	MP2C	Z	25.767	4.5
27	MP2C	Mx	.022	4.5
28	MP3A	X	38.972	4.5
29	MP3A	Z	22.5	4.5
30	MP3A	Mx	.019	4.5
31	MP3B	X	38.972	4.5
32	MP3B	Z	22.5	4.5
33	MP3B	Mx	.019	4.5
34	MP3C	X	38.972	4.5
35	MP3C	Z	22.5	4.5
36	MP3C	Mx	.019	4.5
37	MP2A	X	96.68	2
38	MP2A	Z	55.818	2
39	MP2A	Mx	-.04	2
40	MP2A	X	96.68	6
41	MP2A	Z	55.818	6
42	MP2A	Mx	-.04	6
43	MP2B	X	128.277	2
44	MP2B	Z	74.061	2
45	MP2B	Mx	-.104	2
46	MP2B	X	128.277	6
47	MP2B	Z	74.061	6
48	MP2B	Mx	-.104	6
49	MP2C	X	100.147	2
50	MP2C	Z	57.82	2
51	MP2C	Mx	.11	2
52	MP2C	X	100.147	6
53	MP2C	Z	57.82	6
54	MP2C	Mx	.11	6
55	MP2A	X	96.68	2
56	MP2A	Z	55.818	2
57	MP2A	Mx	-.105	2
58	MP2A	X	96.68	6
59	MP2A	Z	55.818	6
60	MP2A	Mx	-.105	6
61	MP2B	X	128.277	2
62	MP2B	Z	74.061	2
63	MP2B	Mx	.066	2
64	MP2B	X	128.277	6
65	MP2B	Z	74.061	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2B	Mx	.066	6
67	MP2C	X	100.147	2
68	MP2C	Z	57.82	2
69	MP2C	Mx	.032	2
70	MP2C	X	100.147	6
71	MP2C	Z	57.82	6
72	MP2C	Mx	.032	6
73	MP4A	X	96.68	2
74	MP4A	Z	55.818	2
75	MP4A	Mx	-.073	2
76	MP4A	X	96.68	6
77	MP4A	Z	55.818	6
78	MP4A	Mx	-.073	6
79	MP4B	X	128.277	2
80	MP4B	Z	74.061	2
81	MP4B	Mx	-.019	2
82	MP4B	X	128.277	6
83	MP4B	Z	74.061	6
84	MP4B	Mx	-.019	6
85	MP4C	X	100.147	2
86	MP4C	Z	57.82	2
87	MP4C	Mx	.071	2
88	MP4C	X	100.147	6
89	MP4C	Z	57.82	6
90	MP4C	Mx	.071	6
91	OVP1	X	58.531	1
92	OVP1	Z	33.793	1
93	OVP1	Mx	0	1
94	OVP2	X	58.531	1
95	OVP2	Z	33.793	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	36.542	3
2	MP1A	Z	63.292	3
3	MP1A	Mx	-.027	3
4	MP1A	X	36.542	5
5	MP1A	Z	63.292	5
6	MP1A	Mx	-.027	5
7	MP1B	X	32.262	3
8	MP1B	Z	55.88	3
9	MP1B	Mx	-.031	3
10	MP1B	X	32.262	5
11	MP1B	Z	55.88	5
12	MP1B	Mx	-.031	5
13	MP1C	X	17.072	3
14	MP1C	Z	29.569	3
15	MP1C	Mx	.026	3
16	MP1C	X	17.072	5
17	MP1C	Z	29.569	5
18	MP1C	Mx	.026	5
19	MP2A	X	31.452	4.5
20	MP2A	Z	54.477	4.5
21	MP2A	Mx	.016	4.5
22	MP2B	X	31.452	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2B	Z	54.477	4.5
24	MP2B	Mx	.016	4.5
25	MP2C	X	31.452	4.5
26	MP2C	Z	54.477	4.5
27	MP2C	Mx	.016	4.5
28	MP3A	X	30.363	4.5
29	MP3A	Z	52.591	4.5
30	MP3A	Mx	.015	4.5
31	MP3B	X	30.363	4.5
32	MP3B	Z	52.591	4.5
33	MP3B	Mx	.015	4.5
34	MP3C	X	30.363	4.5
35	MP3C	Z	52.591	4.5
36	MP3C	Mx	.015	4.5
37	MP2A	X	68.489	2
38	MP2A	Z	118.627	2
39	MP2A	Mx	.018	2
40	MP2A	X	68.489	6
41	MP2A	Z	118.627	6
42	MP2A	Mx	.018	6
43	MP2B	X	64.354	2
44	MP2B	Z	111.465	2
45	MP2B	Mx	-.12	2
46	MP2B	X	64.354	6
47	MP2B	Z	111.465	6
48	MP2B	Mx	-.12	6
49	MP2C	X	49.675	2
50	MP2C	Z	86.039	2
51	MP2C	Mx	.079	2
52	MP2C	X	49.675	6
53	MP2C	Z	86.039	6
54	MP2C	Mx	.079	6
55	MP2A	X	68.489	2
56	MP2A	Z	118.627	2
57	MP2A	Mx	-.121	2
58	MP2A	X	68.489	6
59	MP2A	Z	118.627	6
60	MP2A	Mx	-.121	6
61	MP2B	X	64.354	2
62	MP2B	Z	111.465	2
63	MP2B	Mx	-.005	2
64	MP2B	X	64.354	6
65	MP2B	Z	111.465	6
66	MP2B	Mx	-.005	6
67	MP2C	X	49.675	2
68	MP2C	Z	86.039	2
69	MP2C	Mx	.069	2
70	MP2C	X	49.675	6
71	MP2C	Z	86.039	6
72	MP2C	Mx	.069	6
73	MP4A	X	68.489	2
74	MP4A	Z	118.627	2
75	MP4A	Mx	-.051	2
76	MP4A	X	68.489	6
77	MP4A	Z	118.627	6
78	MP4A	Mx	-.051	6
79	MP4B	X	64.354	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP4B	Z	111.465	2
81	MP4B	Mx	-.062	2
82	MP4B	X	64.354	6
83	MP4B	Z	111.465	6
84	MP4B	Mx	-.062	6
85	MP4C	X	49.675	2
86	MP4C	Z	86.039	2
87	MP4C	Mx	.074	2
88	MP4C	X	49.675	6
89	MP4C	Z	86.039	6
90	MP4C	Mx	.074	6
91	OVP1	X	41.83	1
92	OVP1	Z	72.452	1
93	OVP1	Mx	0	1
94	OVP2	X	41.83	1
95	OVP2	Z	72.452	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	86.196	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	86.196	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	39.881	3
9	MP1B	Mx	-.028	3
10	MP1B	X	0	5
11	MP1B	Z	39.881	5
12	MP1B	Mx	-.028	5
13	MP1C	X	0	3
14	MP1C	Z	43.113	3
15	MP1C	Mx	.029	3
16	MP1C	X	0	5
17	MP1C	Z	43.113	5
18	MP1C	Mx	.029	5
19	MP2A	X	0	4.5
20	MP2A	Z	68.59	4.5
21	MP2A	Mx	0	4.5
22	MP2B	X	0	4.5
23	MP2B	Z	68.59	4.5
24	MP2B	Mx	0	4.5
25	MP2C	X	0	4.5
26	MP2C	Z	68.59	4.5
27	MP2C	Mx	0	4.5
28	MP3A	X	0	4.5
29	MP3A	Z	68.59	4.5
30	MP3A	Mx	0	4.5
31	MP3B	X	0	4.5
32	MP3B	Z	68.59	4.5
33	MP3B	Mx	0	4.5
34	MP3C	X	0	4.5
35	MP3C	Z	68.59	4.5
36	MP3C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2A	X	0	2
38	MP2A	Z	149.65	2
39	MP2A	Mx	.087	2
40	MP2A	X	0	6
41	MP2A	Z	149.65	6
42	MP2A	Mx	.087	6
43	MP2B	X	0	2
44	MP2B	Z	104.894	2
45	MP2B	Mx	-.095	2
46	MP2B	X	0	6
47	MP2B	Z	104.894	6
48	MP2B	Mx	-.095	6
49	MP2C	X	0	2
50	MP2C	Z	108.018	2
51	MP2C	Mx	.047	2
52	MP2C	X	0	6
53	MP2C	Z	108.018	6
54	MP2C	Mx	.047	6
55	MP2A	X	0	2
56	MP2A	Z	149.65	2
57	MP2A	Mx	-.087	2
58	MP2A	X	0	6
59	MP2A	Z	149.65	6
60	MP2A	Mx	-.087	6
61	MP2B	X	0	2
62	MP2B	Z	104.894	2
63	MP2B	Mx	-.053	2
64	MP2B	X	0	6
65	MP2B	Z	104.894	6
66	MP2B	Mx	-.053	6
67	MP2C	X	0	2
68	MP2C	Z	108.018	2
69	MP2C	Mx	.1	2
70	MP2C	X	0	6
71	MP2C	Z	108.018	6
72	MP2C	Mx	.1	6
73	MP4A	X	0	2
74	MP4A	Z	149.65	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	149.65	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	104.894	2
81	MP4B	Mx	-.074	2
82	MP4B	X	0	6
83	MP4B	Z	104.894	6
84	MP4B	Mx	-.074	6
85	MP4C	X	0	2
86	MP4C	Z	108.018	2
87	MP4C	Mx	.073	2
88	MP4C	X	0	6
89	MP4C	Z	108.018	6
90	MP4C	Mx	.073	6
91	OVP1	X	0	1
92	OVP1	Z	91.697	1
93	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	OVP2	X	0	1
95	OVP2	Z	91.697	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-36.542	3
2	MP1A	Z	63.292	3
3	MP1A	Mx	.027	3
4	MP1A	X	-36.542	5
5	MP1A	Z	63.292	5
6	MP1A	Mx	.027	5
7	MP1B	X	-17.664	3
8	MP1B	Z	30.594	3
9	MP1B	Mx	-.026	3
10	MP1B	X	-17.664	5
11	MP1B	Z	30.594	5
12	MP1B	Mx	-.026	5
13	MP1C	X	-34.47	3
14	MP1C	Z	59.704	3
15	MP1C	Mx	.03	3
16	MP1C	X	-34.47	5
17	MP1C	Z	59.704	5
18	MP1C	Mx	.03	5
19	MP2A	X	-31.452	4.5
20	MP2A	Z	54.477	4.5
21	MP2A	Mx	-.016	4.5
22	MP2B	X	-31.452	4.5
23	MP2B	Z	54.477	4.5
24	MP2B	Mx	-.016	4.5
25	MP2C	X	-31.452	4.5
26	MP2C	Z	54.477	4.5
27	MP2C	Mx	-.016	4.5
28	MP3A	X	-30.363	4.5
29	MP3A	Z	52.591	4.5
30	MP3A	Mx	-.015	4.5
31	MP3B	X	-30.363	4.5
32	MP3B	Z	52.591	4.5
33	MP3B	Mx	-.015	4.5
34	MP3C	X	-30.363	4.5
35	MP3C	Z	52.591	4.5
36	MP3C	Mx	-.015	4.5
37	MP2A	X	-68.489	2
38	MP2A	Z	118.627	2
39	MP2A	Mx	.121	2
40	MP2A	X	-68.489	6
41	MP2A	Z	118.627	6
42	MP2A	Mx	.121	6
43	MP2B	X	-50.247	2
44	MP2B	Z	87.03	2
45	MP2B	Mx	-.064	2
46	MP2B	X	-50.247	6
47	MP2B	Z	87.03	6
48	MP2B	Mx	-.064	6
49	MP2C	X	-66.488	2
50	MP2C	Z	115.16	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2C	Mx	-.006	2
52	MP2C	X	-66.488	6
53	MP2C	Z	115.16	6
54	MP2C	Mx	-.006	6
55	MP2A	X	-68.489	2
56	MP2A	Z	118.627	2
57	MP2A	Mx	-.018	2
58	MP2A	X	-68.489	6
59	MP2A	Z	118.627	6
60	MP2A	Mx	-.018	6
61	MP2B	X	-50.247	2
62	MP2B	Z	87.03	2
63	MP2B	Mx	-.084	2
64	MP2B	X	-50.247	6
65	MP2B	Z	87.03	6
66	MP2B	Mx	-.084	6
67	MP2C	X	-66.488	2
68	MP2C	Z	115.16	2
69	MP2C	Mx	.121	2
70	MP2C	X	-66.488	6
71	MP2C	Z	115.16	6
72	MP2C	Mx	.121	6
73	MP4A	X	-68.489	2
74	MP4A	Z	118.627	2
75	MP4A	Mx	.051	2
76	MP4A	X	-68.489	6
77	MP4A	Z	118.627	6
78	MP4A	Mx	.051	6
79	MP4B	X	-50.247	2
80	MP4B	Z	87.03	2
81	MP4B	Mx	-.074	2
82	MP4B	X	-50.247	6
83	MP4B	Z	87.03	6
84	MP4B	Mx	-.074	6
85	MP4C	X	-66.488	2
86	MP4C	Z	115.16	2
87	MP4C	Mx	.057	2
88	MP4C	X	-66.488	6
89	MP4C	Z	115.16	6
90	MP4C	Mx	.057	6
91	OVP1	X	-41.83	1
92	OVP1	Z	72.452	1
93	OVP1	Mx	0	1
94	OVP2	X	-41.83	1
95	OVP2	Z	72.452	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-40.58	3
2	MP1A	Z	23.429	3
3	MP1A	Mx	.03	3
4	MP1A	X	-40.58	5
5	MP1A	Z	23.429	5
6	MP1A	Mx	.03	5
7	MP1B	X	-47.992	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP1B	Z	27.708	3
9	MP1B	Mx	-.032	3
10	MP1B	X	-47.992	5
11	MP1B	Z	27.708	5
12	MP1B	Mx	-.032	5
13	MP1C	X	-74.303	3
14	MP1C	Z	42.899	3
15	MP1C	Mx	.006	3
16	MP1C	X	-74.303	5
17	MP1C	Z	42.899	5
18	MP1C	Mx	.006	5
19	MP2A	X	-44.63	4.5
20	MP2A	Z	25.767	4.5
21	MP2A	Mx	-.022	4.5
22	MP2B	X	-44.63	4.5
23	MP2B	Z	25.767	4.5
24	MP2B	Mx	-.022	4.5
25	MP2C	X	-44.63	4.5
26	MP2C	Z	25.767	4.5
27	MP2C	Mx	-.022	4.5
28	MP3A	X	-38.972	4.5
29	MP3A	Z	22.5	4.5
30	MP3A	Mx	-.019	4.5
31	MP3B	X	-38.972	4.5
32	MP3B	Z	22.5	4.5
33	MP3B	Mx	-.019	4.5
34	MP3C	X	-38.972	4.5
35	MP3C	Z	22.5	4.5
36	MP3C	Mx	-.019	4.5
37	MP2A	X	-96.68	2
38	MP2A	Z	55.818	2
39	MP2A	Mx	.105	2
40	MP2A	X	-96.68	6
41	MP2A	Z	55.818	6
42	MP2A	Mx	.105	6
43	MP2B	X	-103.842	2
44	MP2B	Z	59.953	2
45	MP2B	Mx	-.024	2
46	MP2B	X	-103.842	6
47	MP2B	Z	59.953	6
48	MP2B	Mx	-.024	6
49	MP2C	X	-129.268	2
50	MP2C	Z	74.633	2
51	MP2C	Mx	-.077	2
52	MP2C	X	-129.268	6
53	MP2C	Z	74.633	6
54	MP2C	Mx	-.077	6
55	MP2A	X	-96.68	2
56	MP2A	Z	55.818	2
57	MP2A	Mx	.04	2
58	MP2A	X	-96.68	6
59	MP2A	Z	55.818	6
60	MP2A	Mx	.04	6
61	MP2B	X	-103.842	2
62	MP2B	Z	59.953	2
63	MP2B	Mx	-.114	2
64	MP2B	X	-103.842	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP2B	Z	59.953	6
66	MP2B	Mx	-.114	6
67	MP2C	X	-129.268	2
68	MP2C	Z	74.633	2
69	MP2C	Mx	.096	2
70	MP2C	X	-129.268	6
71	MP2C	Z	74.633	6
72	MP2C	Mx	.096	6
73	MP4A	X	-96.68	2
74	MP4A	Z	55.818	2
75	MP4A	Mx	.073	2
76	MP4A	X	-96.68	6
77	MP4A	Z	55.818	6
78	MP4A	Mx	.073	6
79	MP4B	X	-103.842	2
80	MP4B	Z	59.953	2
81	MP4B	Mx	-.069	2
82	MP4B	X	-103.842	6
83	MP4B	Z	59.953	6
84	MP4B	Mx	-.069	6
85	MP4C	X	-129.268	2
86	MP4C	Z	74.633	2
87	MP4C	Mx	.01	2
88	MP4C	X	-129.268	6
89	MP4C	Z	74.633	6
90	MP4C	Mx	.01	6
91	OVP1	X	-58.531	1
92	OVP1	Z	33.793	1
93	OVP1	Mx	0	1
94	OVP2	X	-58.531	1
95	OVP2	Z	33.793	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-33.745	3
2	MP1A	Z	0	3
3	MP1A	Mx	.025	3
4	MP1A	X	-33.745	5
5	MP1A	Z	0	5
6	MP1A	Mx	.025	5
7	MP1B	X	-80.06	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.021	3
10	MP1B	X	-80.06	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.021	5
13	MP1C	X	-76.828	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.024	3
16	MP1C	X	-76.828	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.024	5
19	MP2A	X	-45.849	4.5
20	MP2A	Z	0	4.5
21	MP2A	Mx	-.023	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2B	X	-45.849	4.5
23	MP2B	Z	0	4.5
24	MP2B	Mx	-.023	4.5
25	MP2C	X	-45.849	4.5
26	MP2C	Z	0	4.5
27	MP2C	Mx	-.023	4.5
28	MP3A	X	-37.137	4.5
29	MP3A	Z	0	4.5
30	MP3A	Mx	-.019	4.5
31	MP3B	X	-37.137	4.5
32	MP3B	Z	0	4.5
33	MP3B	Mx	-.019	4.5
34	MP3C	X	-37.137	4.5
35	MP3C	Z	0	4.5
36	MP3C	Mx	-.019	4.5
37	MP2A	X	-98.965	2
38	MP2A	Z	0	2
39	MP2A	Mx	.074	2
40	MP2A	X	-98.965	6
41	MP2A	Z	0	6
42	MP2A	Mx	.074	6
43	MP2B	X	-143.721	2
44	MP2B	Z	0	2
45	MP2B	Mx	.042	2
46	MP2B	X	-143.721	6
47	MP2B	Z	0	6
48	MP2B	Mx	.042	6
49	MP2C	X	-140.598	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.119	2
52	MP2C	X	-140.598	6
53	MP2C	Z	0	6
54	MP2C	Mx	-.119	6
55	MP2A	X	-98.965	2
56	MP2A	Z	0	2
57	MP2A	Mx	.074	2
58	MP2A	X	-98.965	6
59	MP2A	Z	0	6
60	MP2A	Mx	.074	6
61	MP2B	X	-143.721	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.116	2
64	MP2B	X	-143.721	6
65	MP2B	Z	0	6
66	MP2B	Mx	-.116	6
67	MP2C	X	-140.598	2
68	MP2C	Z	0	2
69	MP2C	Mx	.03	2
70	MP2C	X	-140.598	6
71	MP2C	Z	0	6
72	MP2C	Mx	.03	6
73	MP4A	X	-98.965	2
74	MP4A	Z	0	2
75	MP4A	Mx	.074	2
76	MP4A	X	-98.965	6
77	MP4A	Z	0	6
78	MP4A	Mx	.074	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4B	X	-143.721	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.037	2
82	MP4B	X	-143.721	6
83	MP4B	Z	0	6
84	MP4B	Mx	-.037	6
85	MP4C	X	-140.598	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.045	2
88	MP4C	X	-140.598	6
89	MP4C	Z	0	6
90	MP4C	Mx	-.045	6
91	OVP1	X	-59.548	1
92	OVP1	Z	0	1
93	OVP1	Mx	0	1
94	OVP2	X	-59.548	1
95	OVP2	Z	0	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-40.58	3
2	MP1A	Z	-23.429	3
3	MP1A	Mx	.03	3
4	MP1A	X	-40.58	5
5	MP1A	Z	-23.429	5
6	MP1A	Mx	.03	5
7	MP1B	X	-73.278	3
8	MP1B	Z	-42.307	3
9	MP1B	Mx	.011	3
10	MP1B	X	-73.278	5
11	MP1B	Z	-42.307	5
12	MP1B	Mx	.011	5
13	MP1C	X	-44.168	3
14	MP1C	Z	-25.501	3
15	MP1C	Mx	-.031	3
16	MP1C	X	-44.168	5
17	MP1C	Z	-25.501	5
18	MP1C	Mx	-.031	5
19	MP2A	X	-44.63	4.5
20	MP2A	Z	-25.767	4.5
21	MP2A	Mx	-.022	4.5
22	MP2B	X	-44.63	4.5
23	MP2B	Z	-25.767	4.5
24	MP2B	Mx	-.022	4.5
25	MP2C	X	-44.63	4.5
26	MP2C	Z	-25.767	4.5
27	MP2C	Mx	-.022	4.5
28	MP3A	X	-38.972	4.5
29	MP3A	Z	-22.5	4.5
30	MP3A	Mx	-.019	4.5
31	MP3B	X	-38.972	4.5
32	MP3B	Z	-22.5	4.5
33	MP3B	Mx	-.019	4.5
34	MP3C	X	-38.972	4.5
35	MP3C	Z	-22.5	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	-.019	4.5
37	MP2A	X	-96.68	2
38	MP2A	Z	-55.818	2
39	MP2A	Mx	.04	2
40	MP2A	X	-96.68	6
41	MP2A	Z	-55.818	6
42	MP2A	Mx	.04	6
43	MP2B	X	-128.277	2
44	MP2B	Z	-74.061	2
45	MP2B	Mx	.104	2
46	MP2B	X	-128.277	6
47	MP2B	Z	-74.061	6
48	MP2B	Mx	.104	6
49	MP2C	X	-100.147	2
50	MP2C	Z	-57.82	2
51	MP2C	Mx	-.11	2
52	MP2C	X	-100.147	6
53	MP2C	Z	-57.82	6
54	MP2C	Mx	-.11	6
55	MP2A	X	-96.68	2
56	MP2A	Z	-55.818	2
57	MP2A	Mx	.105	2
58	MP2A	X	-96.68	6
59	MP2A	Z	-55.818	6
60	MP2A	Mx	.105	6
61	MP2B	X	-128.277	2
62	MP2B	Z	-74.061	2
63	MP2B	Mx	-.066	2
64	MP2B	X	-128.277	6
65	MP2B	Z	-74.061	6
66	MP2B	Mx	-.066	6
67	MP2C	X	-100.147	2
68	MP2C	Z	-57.82	2
69	MP2C	Mx	-.032	2
70	MP2C	X	-100.147	6
71	MP2C	Z	-57.82	6
72	MP2C	Mx	-.032	6
73	MP4A	X	-96.68	2
74	MP4A	Z	-55.818	2
75	MP4A	Mx	.073	2
76	MP4A	X	-96.68	6
77	MP4A	Z	-55.818	6
78	MP4A	Mx	.073	6
79	MP4B	X	-128.277	2
80	MP4B	Z	-74.061	2
81	MP4B	Mx	.019	2
82	MP4B	X	-128.277	6
83	MP4B	Z	-74.061	6
84	MP4B	Mx	.019	6
85	MP4C	X	-100.147	2
86	MP4C	Z	-57.82	2
87	MP4C	Mx	-.071	2
88	MP4C	X	-100.147	6
89	MP4C	Z	-57.82	6
90	MP4C	Mx	-.071	6
91	OVP1	X	-58.531	1
92	OVP1	Z	-33.793	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	OVP1	Mx	0	1
94	OVP2	X	-58.531	1
95	OVP2	Z	-33.793	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-36.542	3
2	MP1A	Z	-63.292	3
3	MP1A	Mx	.027	3
4	MP1A	X	-36.542	5
5	MP1A	Z	-63.292	5
6	MP1A	Mx	.027	5
7	MP1B	X	-32.262	3
8	MP1B	Z	-55.88	3
9	MP1B	Mx	.031	3
10	MP1B	X	-32.262	5
11	MP1B	Z	-55.88	5
12	MP1B	Mx	.031	5
13	MP1C	X	-17.072	3
14	MP1C	Z	-29.569	3
15	MP1C	Mx	-.026	3
16	MP1C	X	-17.072	5
17	MP1C	Z	-29.569	5
18	MP1C	Mx	-.026	5
19	MP2A	X	-31.452	4.5
20	MP2A	Z	-54.477	4.5
21	MP2A	Mx	-.016	4.5
22	MP2B	X	-31.452	4.5
23	MP2B	Z	-54.477	4.5
24	MP2B	Mx	-.016	4.5
25	MP2C	X	-31.452	4.5
26	MP2C	Z	-54.477	4.5
27	MP2C	Mx	-.016	4.5
28	MP3A	X	-30.363	4.5
29	MP3A	Z	-52.591	4.5
30	MP3A	Mx	-.015	4.5
31	MP3B	X	-30.363	4.5
32	MP3B	Z	-52.591	4.5
33	MP3B	Mx	-.015	4.5
34	MP3C	X	-30.363	4.5
35	MP3C	Z	-52.591	4.5
36	MP3C	Mx	-.015	4.5
37	MP2A	X	-68.489	2
38	MP2A	Z	-118.627	2
39	MP2A	Mx	-.018	2
40	MP2A	X	-68.489	6
41	MP2A	Z	-118.627	6
42	MP2A	Mx	-.018	6
43	MP2B	X	-64.354	2
44	MP2B	Z	-111.465	2
45	MP2B	Mx	.12	2
46	MP2B	X	-64.354	6
47	MP2B	Z	-111.465	6
48	MP2B	Mx	.12	6
49	MP2C	X	-49.675	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
50	MP2C	Z	-86.039	2
51	MP2C	Mx	-.079	2
52	MP2C	X	-49.675	6
53	MP2C	Z	-86.039	6
54	MP2C	Mx	-.079	6
55	MP2A	X	-68.489	2
56	MP2A	Z	-118.627	2
57	MP2A	Mx	.121	2
58	MP2A	X	-68.489	6
59	MP2A	Z	-118.627	6
60	MP2A	Mx	.121	6
61	MP2B	X	-64.354	2
62	MP2B	Z	-111.465	2
63	MP2B	Mx	.005	2
64	MP2B	X	-64.354	6
65	MP2B	Z	-111.465	6
66	MP2B	Mx	.005	6
67	MP2C	X	-49.675	2
68	MP2C	Z	-86.039	2
69	MP2C	Mx	-.069	2
70	MP2C	X	-49.675	6
71	MP2C	Z	-86.039	6
72	MP2C	Mx	-.069	6
73	MP4A	X	-68.489	2
74	MP4A	Z	-118.627	2
75	MP4A	Mx	.051	2
76	MP4A	X	-68.489	6
77	MP4A	Z	-118.627	6
78	MP4A	Mx	.051	6
79	MP4B	X	-64.354	2
80	MP4B	Z	-111.465	2
81	MP4B	Mx	.062	2
82	MP4B	X	-64.354	6
83	MP4B	Z	-111.465	6
84	MP4B	Mx	.062	6
85	MP4C	X	-49.675	2
86	MP4C	Z	-86.039	2
87	MP4C	Mx	-.074	2
88	MP4C	X	-49.675	6
89	MP4C	Z	-86.039	6
90	MP4C	Mx	-.074	6
91	OVP1	X	-41.83	1
92	OVP1	Z	-72.452	1
93	OVP1	Mx	0	1
94	OVP2	X	-41.83	1
95	OVP2	Z	-72.452	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-18.361	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	-18.361	5
6	MP1A	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP1B	X	0	3
8	MP1B	Z	-9.301	3
9	MP1B	Mx	.007	3
10	MP1B	X	0	5
11	MP1B	Z	-9.301	5
12	MP1B	Mx	.007	5
13	MP1C	X	0	3
14	MP1C	Z	-9.933	3
15	MP1C	Mx	-.007	3
16	MP1C	X	0	5
17	MP1C	Z	-9.933	5
18	MP1C	Mx	-.007	5
19	MP2A	X	0	4.5
20	MP2A	Z	-15.835	4.5
21	MP2A	Mx	0	4.5
22	MP2B	X	0	4.5
23	MP2B	Z	-15.835	4.5
24	MP2B	Mx	0	4.5
25	MP2C	X	0	4.5
26	MP2C	Z	-15.835	4.5
27	MP2C	Mx	0	4.5
28	MP3A	X	0	4.5
29	MP3A	Z	-15.835	4.5
30	MP3A	Mx	0	4.5
31	MP3B	X	0	4.5
32	MP3B	Z	-15.835	4.5
33	MP3B	Mx	0	4.5
34	MP3C	X	0	4.5
35	MP3C	Z	-15.835	4.5
36	MP3C	Mx	0	4.5
37	MP2A	X	0	2
38	MP2A	Z	-30.866	2
39	MP2A	Mx	-.018	2
40	MP2A	X	0	6
41	MP2A	Z	-30.866	6
42	MP2A	Mx	-.018	6
43	MP2B	X	0	2
44	MP2B	Z	-22.717	2
45	MP2B	Mx	.021	2
46	MP2B	X	0	6
47	MP2B	Z	-22.717	6
48	MP2B	Mx	.021	6
49	MP2C	X	0	2
50	MP2C	Z	-23.286	2
51	MP2C	Mx	-.01	2
52	MP2C	X	0	6
53	MP2C	Z	-23.286	6
54	MP2C	Mx	-.01	6
55	MP2A	X	0	2
56	MP2A	Z	-30.866	2
57	MP2A	Mx	.018	2
58	MP2A	X	0	6
59	MP2A	Z	-30.866	6
60	MP2A	Mx	.018	6
61	MP2B	X	0	2
62	MP2B	Z	-22.717	2
63	MP2B	Mx	.011	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2B	X	0	6
65	MP2B	Z	-22.717	6
66	MP2B	Mx	.011	6
67	MP2C	X	0	2
68	MP2C	Z	-23.286	2
69	MP2C	Mx	-.022	2
70	MP2C	X	0	6
71	MP2C	Z	-23.286	6
72	MP2C	Mx	-.022	6
73	MP4A	X	0	2
74	MP4A	Z	-30.866	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	-30.866	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	-22.717	2
81	MP4B	Mx	.016	2
82	MP4B	X	0	6
83	MP4B	Z	-22.717	6
84	MP4B	Mx	.016	6
85	MP4C	X	0	2
86	MP4C	Z	-23.286	2
87	MP4C	Mx	-.016	2
88	MP4C	X	0	6
89	MP4C	Z	-23.286	6
90	MP4C	Mx	-.016	6
91	OVP1	X	0	1
92	OVP1	Z	-20.447	1
93	OVP1	Mx	0	1
94	OVP2	X	0	1
95	OVP2	Z	-20.447	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.898	3
2	MP1A	Z	-13.68	3
3	MP1A	Mx	-.006	3
4	MP1A	X	7.898	5
5	MP1A	Z	-13.68	5
6	MP1A	Mx	-.006	5
7	MP1B	X	4.205	3
8	MP1B	Z	-7.283	3
9	MP1B	Mx	.006	3
10	MP1B	X	4.205	5
11	MP1B	Z	-7.283	5
12	MP1B	Mx	.006	5
13	MP1C	X	7.493	3
14	MP1C	Z	-12.978	3
15	MP1C	Mx	-.006	3
16	MP1C	X	7.493	5
17	MP1C	Z	-12.978	5
18	MP1C	Mx	-.006	5
19	MP2A	X	7.338	4.5
20	MP2A	Z	-12.709	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.004	4.5
22	MP2B	X	7.338	4.5
23	MP2B	Z	-12.709	4.5
24	MP2B	Mx	.004	4.5
25	MP2C	X	7.338	4.5
26	MP2C	Z	-12.709	4.5
27	MP2C	Mx	.004	4.5
28	MP3A	X	7.117	4.5
29	MP3A	Z	-12.327	4.5
30	MP3A	Mx	.004	4.5
31	MP3B	X	7.117	4.5
32	MP3B	Z	-12.327	4.5
33	MP3B	Mx	.004	4.5
34	MP3C	X	7.117	4.5
35	MP3C	Z	-12.327	4.5
36	MP3C	Mx	.004	4.5
37	MP2A	X	14.279	2
38	MP2A	Z	-24.733	2
39	MP2A	Mx	-.025	2
40	MP2A	X	14.279	6
41	MP2A	Z	-24.733	6
42	MP2A	Mx	-.025	6
43	MP2B	X	10.958	2
44	MP2B	Z	-18.979	2
45	MP2B	Mx	.014	2
46	MP2B	X	10.958	6
47	MP2B	Z	-18.979	6
48	MP2B	Mx	.014	6
49	MP2C	X	13.915	2
50	MP2C	Z	-24.101	2
51	MP2C	Mx	.001	2
52	MP2C	X	13.915	6
53	MP2C	Z	-24.101	6
54	MP2C	Mx	.001	6
55	MP2A	X	14.279	2
56	MP2A	Z	-24.733	2
57	MP2A	Mx	.004	2
58	MP2A	X	14.279	6
59	MP2A	Z	-24.733	6
60	MP2A	Mx	.004	6
61	MP2B	X	10.958	2
62	MP2B	Z	-18.979	2
63	MP2B	Mx	.018	2
64	MP2B	X	10.958	6
65	MP2B	Z	-18.979	6
66	MP2B	Mx	.018	6
67	MP2C	X	13.915	2
68	MP2C	Z	-24.101	2
69	MP2C	Mx	-.025	2
70	MP2C	X	13.915	6
71	MP2C	Z	-24.101	6
72	MP2C	Mx	-.025	6
73	MP4A	X	14.279	2
74	MP4A	Z	-24.733	2
75	MP4A	Mx	-.011	2
76	MP4A	X	14.279	6
77	MP4A	Z	-24.733	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4A	Mx	-.011	6
79	MP4B	X	10.958	2
80	MP4B	Z	-18.979	2
81	MP4B	Mx	.016	2
82	MP4B	X	10.958	6
83	MP4B	Z	-18.979	6
84	MP4B	Mx	.016	6
85	MP4C	X	13.915	2
86	MP4C	Z	-24.101	2
87	MP4C	Mx	-.012	2
88	MP4C	X	13.915	6
89	MP4C	Z	-24.101	6
90	MP4C	Mx	-.012	6
91	OVP1	X	9.431	1
92	OVP1	Z	-16.335	1
93	OVP1	Mx	0	1
94	OVP2	X	9.431	1
95	OVP2	Z	-16.335	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	9.237	3
2	MP1A	Z	-5.333	3
3	MP1A	Mx	-.007	3
4	MP1A	X	9.237	5
5	MP1A	Z	-5.333	5
6	MP1A	Mx	-.007	5
7	MP1B	X	10.687	3
8	MP1B	Z	-6.17	3
9	MP1B	Mx	.007	3
10	MP1B	X	10.687	5
11	MP1B	Z	-6.17	5
12	MP1B	Mx	.007	5
13	MP1C	X	15.834	3
14	MP1C	Z	-9.142	3
15	MP1C	Mx	-.001	3
16	MP1C	X	15.834	5
17	MP1C	Z	-9.142	5
18	MP1C	Mx	-.001	5
19	MP2A	X	10.7	4.5
20	MP2A	Z	-6.178	4.5
21	MP2A	Mx	.005	4.5
22	MP2B	X	10.7	4.5
23	MP2B	Z	-6.178	4.5
24	MP2B	Mx	.005	4.5
25	MP2C	X	10.7	4.5
26	MP2C	Z	-6.178	4.5
27	MP2C	Mx	.005	4.5
28	MP3A	X	9.555	4.5
29	MP3A	Z	-5.516	4.5
30	MP3A	Mx	.005	4.5
31	MP3B	X	9.555	4.5
32	MP3B	Z	-5.516	4.5
33	MP3B	Mx	.005	4.5
34	MP3C	X	9.555	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP3C	Z	-5.516	4.5
36	MP3C	Mx	.005	4.5
37	MP2A	X	20.736	2
38	MP2A	Z	-11.972	2
39	MP2A	Mx	-.023	2
40	MP2A	X	20.736	6
41	MP2A	Z	-11.972	6
42	MP2A	Mx	-.023	6
43	MP2B	X	22.041	2
44	MP2B	Z	-12.725	2
45	MP2B	Mx	.005	2
46	MP2B	X	22.041	6
47	MP2B	Z	-12.725	6
48	MP2B	Mx	.005	6
49	MP2C	X	26.67	2
50	MP2C	Z	-15.398	2
51	MP2C	Mx	.016	2
52	MP2C	X	26.67	6
53	MP2C	Z	-15.398	6
54	MP2C	Mx	.016	6
55	MP2A	X	20.736	2
56	MP2A	Z	-11.972	2
57	MP2A	Mx	-.009	2
58	MP2A	X	20.736	6
59	MP2A	Z	-11.972	6
60	MP2A	Mx	-.009	6
61	MP2B	X	22.041	2
62	MP2B	Z	-12.725	2
63	MP2B	Mx	.024	2
64	MP2B	X	22.041	6
65	MP2B	Z	-12.725	6
66	MP2B	Mx	.024	6
67	MP2C	X	26.67	2
68	MP2C	Z	-15.398	2
69	MP2C	Mx	-.02	2
70	MP2C	X	26.67	6
71	MP2C	Z	-15.398	6
72	MP2C	Mx	-.02	6
73	MP4A	X	20.736	2
74	MP4A	Z	-11.972	2
75	MP4A	Mx	-.016	2
76	MP4A	X	20.736	6
77	MP4A	Z	-11.972	6
78	MP4A	Mx	-.016	6
79	MP4B	X	22.041	2
80	MP4B	Z	-12.725	2
81	MP4B	Mx	.015	2
82	MP4B	X	22.041	6
83	MP4B	Z	-12.725	6
84	MP4B	Mx	.015	6
85	MP4C	X	26.67	2
86	MP4C	Z	-15.398	2
87	MP4C	Mx	-.002	2
88	MP4C	X	26.67	6
89	MP4C	Z	-15.398	6
90	MP4C	Mx	-.002	6
91	OVP1	X	13.589	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	OVP1	Z	-7.845	1
93	OVP1	Mx	0	1
94	OVP2	X	13.589	1
95	OVP2	Z	-7.845	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	8.101	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.006	3
4	MP1A	X	8.101	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.006	5
7	MP1B	X	17.161	3
8	MP1B	Z	0	3
9	MP1B	Mx	.004	3
10	MP1B	X	17.161	5
11	MP1B	Z	0	5
12	MP1B	Mx	.004	5
13	MP1C	X	16.528	3
14	MP1C	Z	0	3
15	MP1C	Mx	.005	3
16	MP1C	X	16.528	5
17	MP1C	Z	0	5
18	MP1C	Mx	.005	5
19	MP2A	X	11.195	4.5
20	MP2A	Z	0	4.5
21	MP2A	Mx	.006	4.5
22	MP2B	X	11.195	4.5
23	MP2B	Z	0	4.5
24	MP2B	Mx	.006	4.5
25	MP2C	X	11.195	4.5
26	MP2C	Z	0	4.5
27	MP2C	Mx	.006	4.5
28	MP3A	X	9.432	4.5
29	MP3A	Z	0	4.5
30	MP3A	Mx	.005	4.5
31	MP3B	X	9.432	4.5
32	MP3B	Z	0	4.5
33	MP3B	Mx	.005	4.5
34	MP3C	X	9.432	4.5
35	MP3C	Z	0	4.5
36	MP3C	Mx	.005	4.5
37	MP2A	X	21.637	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.016	2
40	MP2A	X	21.637	6
41	MP2A	Z	0	6
42	MP2A	Mx	-.016	6
43	MP2B	X	29.787	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.009	2
46	MP2B	X	29.787	6
47	MP2B	Z	0	6
48	MP2B	Mx	-.009	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2C	X	29.218	2
50	MP2C	Z	0	2
51	MP2C	Mx	.025	2
52	MP2C	X	29.218	6
53	MP2C	Z	0	6
54	MP2C	Mx	.025	6
55	MP2A	X	21.637	2
56	MP2A	Z	0	2
57	MP2A	Mx	-.016	2
58	MP2A	X	21.637	6
59	MP2A	Z	0	6
60	MP2A	Mx	-.016	6
61	MP2B	X	29.787	2
62	MP2B	Z	0	2
63	MP2B	Mx	.024	2
64	MP2B	X	29.787	6
65	MP2B	Z	0	6
66	MP2B	Mx	.024	6
67	MP2C	X	29.218	2
68	MP2C	Z	0	2
69	MP2C	Mx	-.006	2
70	MP2C	X	29.218	6
71	MP2C	Z	0	6
72	MP2C	Mx	-.006	6
73	MP4A	X	21.637	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.016	2
76	MP4A	X	21.637	6
77	MP4A	Z	0	6
78	MP4A	Mx	-.016	6
79	MP4B	X	29.787	2
80	MP4B	Z	0	2
81	MP4B	Mx	.008	2
82	MP4B	X	29.787	6
83	MP4B	Z	0	6
84	MP4B	Mx	.008	6
85	MP4C	X	29.218	2
86	MP4C	Z	0	2
87	MP4C	Mx	.009	2
88	MP4C	X	29.218	6
89	MP4C	Z	0	6
90	MP4C	Mx	.009	6
91	OVP1	X	14.105	1
92	OVP1	Z	0	1
93	OVP1	Mx	0	1
94	OVP2	X	14.105	1
95	OVP2	Z	0	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	9.237	3
2	MP1A	Z	5.333	3
3	MP1A	Mx	-.007	3
4	MP1A	X	9.237	5
5	MP1A	Z	5.333	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP1A	Mx	-.007	5
7	MP1B	X	15.633	3
8	MP1B	Z	9.026	3
9	MP1B	Mx	-.002	3
10	MP1B	X	15.633	5
11	MP1B	Z	9.026	5
12	MP1B	Mx	-.002	5
13	MP1C	X	9.939	3
14	MP1C	Z	5.738	3
15	MP1C	Mx	.007	3
16	MP1C	X	9.939	5
17	MP1C	Z	5.738	5
18	MP1C	Mx	.007	5
19	MP2A	X	10.7	4.5
20	MP2A	Z	6.178	4.5
21	MP2A	Mx	.005	4.5
22	MP2B	X	10.7	4.5
23	MP2B	Z	6.178	4.5
24	MP2B	Mx	.005	4.5
25	MP2C	X	10.7	4.5
26	MP2C	Z	6.178	4.5
27	MP2C	Mx	.005	4.5
28	MP3A	X	9.555	4.5
29	MP3A	Z	5.516	4.5
30	MP3A	Mx	.005	4.5
31	MP3B	X	9.555	4.5
32	MP3B	Z	5.516	4.5
33	MP3B	Mx	.005	4.5
34	MP3C	X	9.555	4.5
35	MP3C	Z	5.516	4.5
36	MP3C	Mx	.005	4.5
37	MP2A	X	20.736	2
38	MP2A	Z	11.972	2
39	MP2A	Mx	-.009	2
40	MP2A	X	20.736	6
41	MP2A	Z	11.972	6
42	MP2A	Mx	-.009	6
43	MP2B	X	26.49	2
44	MP2B	Z	15.294	2
45	MP2B	Mx	-.022	2
46	MP2B	X	26.49	6
47	MP2B	Z	15.294	6
48	MP2B	Mx	-.022	6
49	MP2C	X	21.368	2
50	MP2C	Z	12.337	2
51	MP2C	Mx	.023	2
52	MP2C	X	21.368	6
53	MP2C	Z	12.337	6
54	MP2C	Mx	.023	6
55	MP2A	X	20.736	2
56	MP2A	Z	11.972	2
57	MP2A	Mx	-.023	2
58	MP2A	X	20.736	6
59	MP2A	Z	11.972	6
60	MP2A	Mx	-.023	6
61	MP2B	X	26.49	2
62	MP2B	Z	15.294	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2B	Mx	.014	2
64	MP2B	X	26.49	6
65	MP2B	Z	15.294	6
66	MP2B	Mx	.014	6
67	MP2C	X	21.368	2
68	MP2C	Z	12.337	2
69	MP2C	Mx	.007	2
70	MP2C	X	21.368	6
71	MP2C	Z	12.337	6
72	MP2C	Mx	.007	6
73	MP4A	X	20.736	2
74	MP4A	Z	11.972	2
75	MP4A	Mx	-.016	2
76	MP4A	X	20.736	6
77	MP4A	Z	11.972	6
78	MP4A	Mx	-.016	6
79	MP4B	X	26.49	2
80	MP4B	Z	15.294	2
81	MP4B	Mx	-.004	2
82	MP4B	X	26.49	6
83	MP4B	Z	15.294	6
84	MP4B	Mx	-.004	6
85	MP4C	X	21.368	2
86	MP4C	Z	12.337	2
87	MP4C	Mx	.015	2
88	MP4C	X	21.368	6
89	MP4C	Z	12.337	6
90	MP4C	Mx	.015	6
91	OVP1	X	13.589	1
92	OVP1	Z	7.845	1
93	OVP1	Mx	0	1
94	OVP2	X	13.589	1
95	OVP2	Z	7.845	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	7.898	3
2	MP1A	Z	13.68	3
3	MP1A	Mx	-.006	3
4	MP1A	X	7.898	5
5	MP1A	Z	13.68	5
6	MP1A	Mx	-.006	5
7	MP1B	X	7.061	3
8	MP1B	Z	12.23	3
9	MP1B	Mx	-.007	3
10	MP1B	X	7.061	5
11	MP1B	Z	12.23	5
12	MP1B	Mx	-.007	5
13	MP1C	X	4.089	3
14	MP1C	Z	7.083	3
15	MP1C	Mx	.006	3
16	MP1C	X	4.089	5
17	MP1C	Z	7.083	5
18	MP1C	Mx	.006	5
19	MP2A	X	7.338	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	12.709	4.5
21	MP2A	Mx	.004	4.5
22	MP2B	X	7.338	4.5
23	MP2B	Z	12.709	4.5
24	MP2B	Mx	.004	4.5
25	MP2C	X	7.338	4.5
26	MP2C	Z	12.709	4.5
27	MP2C	Mx	.004	4.5
28	MP3A	X	7.117	4.5
29	MP3A	Z	12.327	4.5
30	MP3A	Mx	.004	4.5
31	MP3B	X	7.117	4.5
32	MP3B	Z	12.327	4.5
33	MP3B	Mx	.004	4.5
34	MP3C	X	7.117	4.5
35	MP3C	Z	12.327	4.5
36	MP3C	Mx	.004	4.5
37	MP2A	X	14.279	2
38	MP2A	Z	24.733	2
39	MP2A	Mx	.004	2
40	MP2A	X	14.279	6
41	MP2A	Z	24.733	6
42	MP2A	Mx	.004	6
43	MP2B	X	13.526	2
44	MP2B	Z	23.429	2
45	MP2B	Mx	-.025	2
46	MP2B	X	13.526	6
47	MP2B	Z	23.429	6
48	MP2B	Mx	-.025	6
49	MP2C	X	10.854	2
50	MP2C	Z	18.799	2
51	MP2C	Mx	.017	2
52	MP2C	X	10.854	6
53	MP2C	Z	18.799	6
54	MP2C	Mx	.017	6
55	MP2A	X	14.279	2
56	MP2A	Z	24.733	2
57	MP2A	Mx	-.025	2
58	MP2A	X	14.279	6
59	MP2A	Z	24.733	6
60	MP2A	Mx	-.025	6
61	MP2B	X	13.526	2
62	MP2B	Z	23.429	2
63	MP2B	Mx	-.000954	2
64	MP2B	X	13.526	6
65	MP2B	Z	23.429	6
66	MP2B	Mx	-.000954	6
67	MP2C	X	10.854	2
68	MP2C	Z	18.799	2
69	MP2C	Mx	.015	2
70	MP2C	X	10.854	6
71	MP2C	Z	18.799	6
72	MP2C	Mx	.015	6
73	MP4A	X	14.279	2
74	MP4A	Z	24.733	2
75	MP4A	Mx	-.011	2
76	MP4A	X	14.279	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4A	Z	24.733	6
78	MP4A	Mx	-.011	6
79	MP4B	X	13.526	2
80	MP4B	Z	23.429	2
81	MP4B	Mx	-.013	2
82	MP4B	X	13.526	6
83	MP4B	Z	23.429	6
84	MP4B	Mx	-.013	6
85	MP4C	X	10.854	2
86	MP4C	Z	18.799	2
87	MP4C	Mx	.016	2
88	MP4C	X	10.854	6
89	MP4C	Z	18.799	6
90	MP4C	Mx	.016	6
91	OVP1	X	9.431	1
92	OVP1	Z	16.335	1
93	OVP1	Mx	0	1
94	OVP2	X	9.431	1
95	OVP2	Z	16.335	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	18.361	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	18.361	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	9.301	3
9	MP1B	Mx	-.007	3
10	MP1B	X	0	5
11	MP1B	Z	9.301	5
12	MP1B	Mx	-.007	5
13	MP1C	X	0	3
14	MP1C	Z	9.933	3
15	MP1C	Mx	.007	3
16	MP1C	X	0	5
17	MP1C	Z	9.933	5
18	MP1C	Mx	.007	5
19	MP2A	X	0	4.5
20	MP2A	Z	15.835	4.5
21	MP2A	Mx	0	4.5
22	MP2B	X	0	4.5
23	MP2B	Z	15.835	4.5
24	MP2B	Mx	0	4.5
25	MP2C	X	0	4.5
26	MP2C	Z	15.835	4.5
27	MP2C	Mx	0	4.5
28	MP3A	X	0	4.5
29	MP3A	Z	15.835	4.5
30	MP3A	Mx	0	4.5
31	MP3B	X	0	4.5
32	MP3B	Z	15.835	4.5
33	MP3B	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	0	4.5
35	MP3C	Z	15.835	4.5
36	MP3C	Mx	0	4.5
37	MP2A	X	0	2
38	MP2A	Z	30.866	2
39	MP2A	Mx	.018	2
40	MP2A	X	0	6
41	MP2A	Z	30.866	6
42	MP2A	Mx	.018	6
43	MP2B	X	0	2
44	MP2B	Z	22.717	2
45	MP2B	Mx	-.021	2
46	MP2B	X	0	6
47	MP2B	Z	22.717	6
48	MP2B	Mx	-.021	6
49	MP2C	X	0	2
50	MP2C	Z	23.286	2
51	MP2C	Mx	.01	2
52	MP2C	X	0	6
53	MP2C	Z	23.286	6
54	MP2C	Mx	.01	6
55	MP2A	X	0	2
56	MP2A	Z	30.866	2
57	MP2A	Mx	-.018	2
58	MP2A	X	0	6
59	MP2A	Z	30.866	6
60	MP2A	Mx	-.018	6
61	MP2B	X	0	2
62	MP2B	Z	22.717	2
63	MP2B	Mx	-.011	2
64	MP2B	X	0	6
65	MP2B	Z	22.717	6
66	MP2B	Mx	-.011	6
67	MP2C	X	0	2
68	MP2C	Z	23.286	2
69	MP2C	Mx	.022	2
70	MP2C	X	0	6
71	MP2C	Z	23.286	6
72	MP2C	Mx	.022	6
73	MP4A	X	0	2
74	MP4A	Z	30.866	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	30.866	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	22.717	2
81	MP4B	Mx	-.016	2
82	MP4B	X	0	6
83	MP4B	Z	22.717	6
84	MP4B	Mx	-.016	6
85	MP4C	X	0	2
86	MP4C	Z	23.286	2
87	MP4C	Mx	.016	2
88	MP4C	X	0	6
89	MP4C	Z	23.286	6
90	MP4C	Mx	.016	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	OVP1	X	0	1
92	OVP1	Z	20.447	1
93	OVP1	Mx	0	1
94	OVP2	X	0	1
95	OVP2	Z	20.447	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.898	3
2	MP1A	Z	13.68	3
3	MP1A	Mx	.006	3
4	MP1A	X	-7.898	5
5	MP1A	Z	13.68	5
6	MP1A	Mx	.006	5
7	MP1B	X	-4.205	3
8	MP1B	Z	7.283	3
9	MP1B	Mx	-.006	3
10	MP1B	X	-4.205	5
11	MP1B	Z	7.283	5
12	MP1B	Mx	-.006	5
13	MP1C	X	-7.493	3
14	MP1C	Z	12.978	3
15	MP1C	Mx	.006	3
16	MP1C	X	-7.493	5
17	MP1C	Z	12.978	5
18	MP1C	Mx	.006	5
19	MP2A	X	-7.338	4.5
20	MP2A	Z	12.709	4.5
21	MP2A	Mx	-.004	4.5
22	MP2B	X	-7.338	4.5
23	MP2B	Z	12.709	4.5
24	MP2B	Mx	-.004	4.5
25	MP2C	X	-7.338	4.5
26	MP2C	Z	12.709	4.5
27	MP2C	Mx	-.004	4.5
28	MP3A	X	-7.117	4.5
29	MP3A	Z	12.327	4.5
30	MP3A	Mx	-.004	4.5
31	MP3B	X	-7.117	4.5
32	MP3B	Z	12.327	4.5
33	MP3B	Mx	-.004	4.5
34	MP3C	X	-7.117	4.5
35	MP3C	Z	12.327	4.5
36	MP3C	Mx	-.004	4.5
37	MP2A	X	-14.279	2
38	MP2A	Z	24.733	2
39	MP2A	Mx	.025	2
40	MP2A	X	-14.279	6
41	MP2A	Z	24.733	6
42	MP2A	Mx	.025	6
43	MP2B	X	-10.958	2
44	MP2B	Z	18.979	2
45	MP2B	Mx	-.014	2
46	MP2B	X	-10.958	6
47	MP2B	Z	18.979	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP2B	Mx	-.014	6
49	MP2C	X	-13.915	2
50	MP2C	Z	24.101	2
51	MP2C	Mx	-.001	2
52	MP2C	X	-13.915	6
53	MP2C	Z	24.101	6
54	MP2C	Mx	-.001	6
55	MP2A	X	-14.279	2
56	MP2A	Z	24.733	2
57	MP2A	Mx	-.004	2
58	MP2A	X	-14.279	6
59	MP2A	Z	24.733	6
60	MP2A	Mx	-.004	6
61	MP2B	X	-10.958	2
62	MP2B	Z	18.979	2
63	MP2B	Mx	-.018	2
64	MP2B	X	-10.958	6
65	MP2B	Z	18.979	6
66	MP2B	Mx	-.018	6
67	MP2C	X	-13.915	2
68	MP2C	Z	24.101	2
69	MP2C	Mx	.025	2
70	MP2C	X	-13.915	6
71	MP2C	Z	24.101	6
72	MP2C	Mx	.025	6
73	MP4A	X	-14.279	2
74	MP4A	Z	24.733	2
75	MP4A	Mx	.011	2
76	MP4A	X	-14.279	6
77	MP4A	Z	24.733	6
78	MP4A	Mx	.011	6
79	MP4B	X	-10.958	2
80	MP4B	Z	18.979	2
81	MP4B	Mx	-.016	2
82	MP4B	X	-10.958	6
83	MP4B	Z	18.979	6
84	MP4B	Mx	-.016	6
85	MP4C	X	-13.915	2
86	MP4C	Z	24.101	2
87	MP4C	Mx	.012	2
88	MP4C	X	-13.915	6
89	MP4C	Z	24.101	6
90	MP4C	Mx	.012	6
91	OVP1	X	-9.431	1
92	OVP1	Z	16.335	1
93	OVP1	Mx	0	1
94	OVP2	X	-9.431	1
95	OVP2	Z	16.335	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-9.237	3
2	MP1A	Z	5.333	3
3	MP1A	Mx	.007	3
4	MP1A	X	-9.237	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1A	Z	5.333	5
6	MP1A	Mx	.007	5
7	MP1B	X	-10.687	3
8	MP1B	Z	6.17	3
9	MP1B	Mx	-.007	3
10	MP1B	X	-10.687	5
11	MP1B	Z	6.17	5
12	MP1B	Mx	-.007	5
13	MP1C	X	-15.834	3
14	MP1C	Z	9.142	3
15	MP1C	Mx	.001	3
16	MP1C	X	-15.834	5
17	MP1C	Z	9.142	5
18	MP1C	Mx	.001	5
19	MP2A	X	-10.7	4.5
20	MP2A	Z	6.178	4.5
21	MP2A	Mx	-.005	4.5
22	MP2B	X	-10.7	4.5
23	MP2B	Z	6.178	4.5
24	MP2B	Mx	-.005	4.5
25	MP2C	X	-10.7	4.5
26	MP2C	Z	6.178	4.5
27	MP2C	Mx	-.005	4.5
28	MP3A	X	-9.555	4.5
29	MP3A	Z	5.516	4.5
30	MP3A	Mx	-.005	4.5
31	MP3B	X	-9.555	4.5
32	MP3B	Z	5.516	4.5
33	MP3B	Mx	-.005	4.5
34	MP3C	X	-9.555	4.5
35	MP3C	Z	5.516	4.5
36	MP3C	Mx	-.005	4.5
37	MP2A	X	-20.736	2
38	MP2A	Z	11.972	2
39	MP2A	Mx	.023	2
40	MP2A	X	-20.736	6
41	MP2A	Z	11.972	6
42	MP2A	Mx	.023	6
43	MP2B	X	-22.041	2
44	MP2B	Z	12.725	2
45	MP2B	Mx	-.005	2
46	MP2B	X	-22.041	6
47	MP2B	Z	12.725	6
48	MP2B	Mx	-.005	6
49	MP2C	X	-26.67	2
50	MP2C	Z	15.398	2
51	MP2C	Mx	-.016	2
52	MP2C	X	-26.67	6
53	MP2C	Z	15.398	6
54	MP2C	Mx	-.016	6
55	MP2A	X	-20.736	2
56	MP2A	Z	11.972	2
57	MP2A	Mx	.009	2
58	MP2A	X	-20.736	6
59	MP2A	Z	11.972	6
60	MP2A	Mx	.009	6
61	MP2B	X	-22.041	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP2B	Z	12.725	2
63	MP2B	Mx	-.024	2
64	MP2B	X	-22.041	6
65	MP2B	Z	12.725	6
66	MP2B	Mx	-.024	6
67	MP2C	X	-26.67	2
68	MP2C	Z	15.398	2
69	MP2C	Mx	.02	2
70	MP2C	X	-26.67	6
71	MP2C	Z	15.398	6
72	MP2C	Mx	.02	6
73	MP4A	X	-20.736	2
74	MP4A	Z	11.972	2
75	MP4A	Mx	.016	2
76	MP4A	X	-20.736	6
77	MP4A	Z	11.972	6
78	MP4A	Mx	.016	6
79	MP4B	X	-22.041	2
80	MP4B	Z	12.725	2
81	MP4B	Mx	-.015	2
82	MP4B	X	-22.041	6
83	MP4B	Z	12.725	6
84	MP4B	Mx	-.015	6
85	MP4C	X	-26.67	2
86	MP4C	Z	15.398	2
87	MP4C	Mx	.002	2
88	MP4C	X	-26.67	6
89	MP4C	Z	15.398	6
90	MP4C	Mx	.002	6
91	OVP1	X	-13.589	1
92	OVP1	Z	7.845	1
93	OVP1	Mx	0	1
94	OVP2	X	-13.589	1
95	OVP2	Z	7.845	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-8.101	3
2	MP1A	Z	0	3
3	MP1A	Mx	.006	3
4	MP1A	X	-8.101	5
5	MP1A	Z	0	5
6	MP1A	Mx	.006	5
7	MP1B	X	-17.161	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.004	3
10	MP1B	X	-17.161	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.004	5
13	MP1C	X	-16.528	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.005	3
16	MP1C	X	-16.528	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.005	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	-11.195	4.5
20	MP2A	Z	0	4.5
21	MP2A	Mx	-.006	4.5
22	MP2B	X	-11.195	4.5
23	MP2B	Z	0	4.5
24	MP2B	Mx	-.006	4.5
25	MP2C	X	-11.195	4.5
26	MP2C	Z	0	4.5
27	MP2C	Mx	-.006	4.5
28	MP3A	X	-9.432	4.5
29	MP3A	Z	0	4.5
30	MP3A	Mx	-.005	4.5
31	MP3B	X	-9.432	4.5
32	MP3B	Z	0	4.5
33	MP3B	Mx	-.005	4.5
34	MP3C	X	-9.432	4.5
35	MP3C	Z	0	4.5
36	MP3C	Mx	-.005	4.5
37	MP2A	X	-21.637	2
38	MP2A	Z	0	2
39	MP2A	Mx	.016	2
40	MP2A	X	-21.637	6
41	MP2A	Z	0	6
42	MP2A	Mx	.016	6
43	MP2B	X	-29.787	2
44	MP2B	Z	0	2
45	MP2B	Mx	.009	2
46	MP2B	X	-29.787	6
47	MP2B	Z	0	6
48	MP2B	Mx	.009	6
49	MP2C	X	-29.218	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.025	2
52	MP2C	X	-29.218	6
53	MP2C	Z	0	6
54	MP2C	Mx	-.025	6
55	MP2A	X	-21.637	2
56	MP2A	Z	0	2
57	MP2A	Mx	.016	2
58	MP2A	X	-21.637	6
59	MP2A	Z	0	6
60	MP2A	Mx	.016	6
61	MP2B	X	-29.787	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.024	2
64	MP2B	X	-29.787	6
65	MP2B	Z	0	6
66	MP2B	Mx	-.024	6
67	MP2C	X	-29.218	2
68	MP2C	Z	0	2
69	MP2C	Mx	.006	2
70	MP2C	X	-29.218	6
71	MP2C	Z	0	6
72	MP2C	Mx	.006	6
73	MP4A	X	-21.637	2
74	MP4A	Z	0	2
75	MP4A	Mx	.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP4A	X	-21.637	6
77	MP4A	Z	0	6
78	MP4A	Mx	.016	6
79	MP4B	X	-29.787	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.008	2
82	MP4B	X	-29.787	6
83	MP4B	Z	0	6
84	MP4B	Mx	-.008	6
85	MP4C	X	-29.218	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.009	2
88	MP4C	X	-29.218	6
89	MP4C	Z	0	6
90	MP4C	Mx	-.009	6
91	OVP1	X	-14.105	1
92	OVP1	Z	0	1
93	OVP1	Mx	0	1
94	OVP2	X	-14.105	1
95	OVP2	Z	0	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-9.237	3
2	MP1A	Z	-5.333	3
3	MP1A	Mx	.007	3
4	MP1A	X	-9.237	5
5	MP1A	Z	-5.333	5
6	MP1A	Mx	.007	5
7	MP1B	X	-15.633	3
8	MP1B	Z	-9.026	3
9	MP1B	Mx	.002	3
10	MP1B	X	-15.633	5
11	MP1B	Z	-9.026	5
12	MP1B	Mx	.002	5
13	MP1C	X	-9.939	3
14	MP1C	Z	-5.738	3
15	MP1C	Mx	-.007	3
16	MP1C	X	-9.939	5
17	MP1C	Z	-5.738	5
18	MP1C	Mx	-.007	5
19	MP2A	X	-10.7	4.5
20	MP2A	Z	-6.178	4.5
21	MP2A	Mx	-.005	4.5
22	MP2B	X	-10.7	4.5
23	MP2B	Z	-6.178	4.5
24	MP2B	Mx	-.005	4.5
25	MP2C	X	-10.7	4.5
26	MP2C	Z	-6.178	4.5
27	MP2C	Mx	-.005	4.5
28	MP3A	X	-9.555	4.5
29	MP3A	Z	-5.516	4.5
30	MP3A	Mx	-.005	4.5
31	MP3B	X	-9.555	4.5
32	MP3B	Z	-5.516	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	-.005	4.5
34	MP3C	X	-9.555	4.5
35	MP3C	Z	-5.516	4.5
36	MP3C	Mx	-.005	4.5
37	MP2A	X	-20.736	2
38	MP2A	Z	-11.972	2
39	MP2A	Mx	.009	2
40	MP2A	X	-20.736	6
41	MP2A	Z	-11.972	6
42	MP2A	Mx	.009	6
43	MP2B	X	-26.49	2
44	MP2B	Z	-15.294	2
45	MP2B	Mx	.022	2
46	MP2B	X	-26.49	6
47	MP2B	Z	-15.294	6
48	MP2B	Mx	.022	6
49	MP2C	X	-21.368	2
50	MP2C	Z	-12.337	2
51	MP2C	Mx	-.023	2
52	MP2C	X	-21.368	6
53	MP2C	Z	-12.337	6
54	MP2C	Mx	-.023	6
55	MP2A	X	-20.736	2
56	MP2A	Z	-11.972	2
57	MP2A	Mx	.023	2
58	MP2A	X	-20.736	6
59	MP2A	Z	-11.972	6
60	MP2A	Mx	.023	6
61	MP2B	X	-26.49	2
62	MP2B	Z	-15.294	2
63	MP2B	Mx	-.014	2
64	MP2B	X	-26.49	6
65	MP2B	Z	-15.294	6
66	MP2B	Mx	-.014	6
67	MP2C	X	-21.368	2
68	MP2C	Z	-12.337	2
69	MP2C	Mx	-.007	2
70	MP2C	X	-21.368	6
71	MP2C	Z	-12.337	6
72	MP2C	Mx	-.007	6
73	MP4A	X	-20.736	2
74	MP4A	Z	-11.972	2
75	MP4A	Mx	.016	2
76	MP4A	X	-20.736	6
77	MP4A	Z	-11.972	6
78	MP4A	Mx	.016	6
79	MP4B	X	-26.49	2
80	MP4B	Z	-15.294	2
81	MP4B	Mx	.004	2
82	MP4B	X	-26.49	6
83	MP4B	Z	-15.294	6
84	MP4B	Mx	.004	6
85	MP4C	X	-21.368	2
86	MP4C	Z	-12.337	2
87	MP4C	Mx	-.015	2
88	MP4C	X	-21.368	6
89	MP4C	Z	-12.337	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP4C	Mx	-.015	6
91	OVP1	X	-13.589	1
92	OVP1	Z	-7.845	1
93	OVP1	Mx	0	1
94	OVP2	X	-13.589	1
95	OVP2	Z	-7.845	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-7.898	3
2	MP1A	Z	-13.68	3
3	MP1A	Mx	.006	3
4	MP1A	X	-7.898	5
5	MP1A	Z	-13.68	5
6	MP1A	Mx	.006	5
7	MP1B	X	-7.061	3
8	MP1B	Z	-12.23	3
9	MP1B	Mx	.007	3
10	MP1B	X	-7.061	5
11	MP1B	Z	-12.23	5
12	MP1B	Mx	.007	5
13	MP1C	X	-4.089	3
14	MP1C	Z	-7.083	3
15	MP1C	Mx	-.006	3
16	MP1C	X	-4.089	5
17	MP1C	Z	-7.083	5
18	MP1C	Mx	-.006	5
19	MP2A	X	-7.338	4.5
20	MP2A	Z	-12.709	4.5
21	MP2A	Mx	-.004	4.5
22	MP2B	X	-7.338	4.5
23	MP2B	Z	-12.709	4.5
24	MP2B	Mx	-.004	4.5
25	MP2C	X	-7.338	4.5
26	MP2C	Z	-12.709	4.5
27	MP2C	Mx	-.004	4.5
28	MP3A	X	-7.117	4.5
29	MP3A	Z	-12.327	4.5
30	MP3A	Mx	-.004	4.5
31	MP3B	X	-7.117	4.5
32	MP3B	Z	-12.327	4.5
33	MP3B	Mx	-.004	4.5
34	MP3C	X	-7.117	4.5
35	MP3C	Z	-12.327	4.5
36	MP3C	Mx	-.004	4.5
37	MP2A	X	-14.279	2
38	MP2A	Z	-24.733	2
39	MP2A	Mx	-.004	2
40	MP2A	X	-14.279	6
41	MP2A	Z	-24.733	6
42	MP2A	Mx	-.004	6
43	MP2B	X	-13.526	2
44	MP2B	Z	-23.429	2
45	MP2B	Mx	.025	2
46	MP2B	X	-13.526	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP2B	Z	-23.429	6
48	MP2B	Mx	.025	6
49	MP2C	X	-10.854	2
50	MP2C	Z	-18.799	2
51	MP2C	Mx	-.017	2
52	MP2C	X	-10.854	6
53	MP2C	Z	-18.799	6
54	MP2C	Mx	-.017	6
55	MP2A	X	-14.279	2
56	MP2A	Z	-24.733	2
57	MP2A	Mx	.025	2
58	MP2A	X	-14.279	6
59	MP2A	Z	-24.733	6
60	MP2A	Mx	.025	6
61	MP2B	X	-13.526	2
62	MP2B	Z	-23.429	2
63	MP2B	Mx	.000954	2
64	MP2B	X	-13.526	6
65	MP2B	Z	-23.429	6
66	MP2B	Mx	.000954	6
67	MP2C	X	-10.854	2
68	MP2C	Z	-18.799	2
69	MP2C	Mx	-.015	2
70	MP2C	X	-10.854	6
71	MP2C	Z	-18.799	6
72	MP2C	Mx	-.015	6
73	MP4A	X	-14.279	2
74	MP4A	Z	-24.733	2
75	MP4A	Mx	.011	2
76	MP4A	X	-14.279	6
77	MP4A	Z	-24.733	6
78	MP4A	Mx	.011	6
79	MP4B	X	-13.526	2
80	MP4B	Z	-23.429	2
81	MP4B	Mx	.013	2
82	MP4B	X	-13.526	6
83	MP4B	Z	-23.429	6
84	MP4B	Mx	.013	6
85	MP4C	X	-10.854	2
86	MP4C	Z	-18.799	2
87	MP4C	Mx	-.016	2
88	MP4C	X	-10.854	6
89	MP4C	Z	-18.799	6
90	MP4C	Mx	-.016	6
91	OVP1	X	-9.431	1
92	OVP1	Z	-16.335	1
93	OVP1	Mx	0	1
94	OVP2	X	-9.431	1
95	OVP2	Z	-16.335	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	-5.571	3
3	MP1A	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP1A	X	0	5
5	MP1A	Z	-5.571	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	-2.578	3
9	MP1B	Mx	.002	3
10	MP1B	X	0	5
11	MP1B	Z	-2.578	5
12	MP1B	Mx	.002	5
13	MP1C	X	0	3
14	MP1C	Z	-2.787	3
15	MP1C	Mx	-.002	3
16	MP1C	X	0	5
17	MP1C	Z	-2.787	5
18	MP1C	Mx	-.002	5
19	MP2A	X	0	4.5
20	MP2A	Z	-4.433	4.5
21	MP2A	Mx	0	4.5
22	MP2B	X	0	4.5
23	MP2B	Z	-4.433	4.5
24	MP2B	Mx	0	4.5
25	MP2C	X	0	4.5
26	MP2C	Z	-4.433	4.5
27	MP2C	Mx	0	4.5
28	MP3A	X	0	4.5
29	MP3A	Z	-4.433	4.5
30	MP3A	Mx	0	4.5
31	MP3B	X	0	4.5
32	MP3B	Z	-4.433	4.5
33	MP3B	Mx	0	4.5
34	MP3C	X	0	4.5
35	MP3C	Z	-4.433	4.5
36	MP3C	Mx	0	4.5
37	MP2A	X	0	2
38	MP2A	Z	-9.673	2
39	MP2A	Mx	-.006	2
40	MP2A	X	0	6
41	MP2A	Z	-9.673	6
42	MP2A	Mx	-.006	6
43	MP2B	X	0	2
44	MP2B	Z	-6.78	2
45	MP2B	Mx	.006	2
46	MP2B	X	0	6
47	MP2B	Z	-6.78	6
48	MP2B	Mx	.006	6
49	MP2C	X	0	2
50	MP2C	Z	-6.982	2
51	MP2C	Mx	-.003	2
52	MP2C	X	0	6
53	MP2C	Z	-6.982	6
54	MP2C	Mx	-.003	6
55	MP2A	X	0	2
56	MP2A	Z	-9.673	2
57	MP2A	Mx	.006	2
58	MP2A	X	0	6
59	MP2A	Z	-9.673	6
60	MP2A	Mx	.006	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	0	2
62	MP2B	Z	-6.78	2
63	MP2B	Mx	.003	2
64	MP2B	X	0	6
65	MP2B	Z	-6.78	6
66	MP2B	Mx	.003	6
67	MP2C	X	0	2
68	MP2C	Z	-6.982	2
69	MP2C	Mx	-.006	2
70	MP2C	X	0	6
71	MP2C	Z	-6.982	6
72	MP2C	Mx	-.006	6
73	MP4A	X	0	2
74	MP4A	Z	-9.673	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	-9.673	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	-6.78	2
81	MP4B	Mx	.005	2
82	MP4B	X	0	6
83	MP4B	Z	-6.78	6
84	MP4B	Mx	.005	6
85	MP4C	X	0	2
86	MP4C	Z	-6.982	2
87	MP4C	Mx	-.005	2
88	MP4C	X	0	6
89	MP4C	Z	-6.982	6
90	MP4C	Mx	-.005	6
91	OVP1	X	0	1
92	OVP1	Z	-5.927	1
93	OVP1	Mx	0	1
94	OVP2	X	0	1
95	OVP2	Z	-5.927	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.362	3
2	MP1A	Z	-4.091	3
3	MP1A	Mx	-.002	3
4	MP1A	X	2.362	5
5	MP1A	Z	-4.091	5
6	MP1A	Mx	-.002	5
7	MP1B	X	1.142	3
8	MP1B	Z	-1.977	3
9	MP1B	Mx	.002	3
10	MP1B	X	1.142	5
11	MP1B	Z	-1.977	5
12	MP1B	Mx	.002	5
13	MP1C	X	2.228	3
14	MP1C	Z	-3.859	3
15	MP1C	Mx	-.002	3
16	MP1C	X	2.228	5
17	MP1C	Z	-3.859	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP1C	Mx	-.002	5
19	MP2A	X	2.033	4.5
20	MP2A	Z	-3.521	4.5
21	MP2A	Mx	.001	4.5
22	MP2B	X	2.033	4.5
23	MP2B	Z	-3.521	4.5
24	MP2B	Mx	.001	4.5
25	MP2C	X	2.033	4.5
26	MP2C	Z	-3.521	4.5
27	MP2C	Mx	.001	4.5
28	MP3A	X	1.963	4.5
29	MP3A	Z	-3.399	4.5
30	MP3A	Mx	.000982	4.5
31	MP3B	X	1.963	4.5
32	MP3B	Z	-3.399	4.5
33	MP3B	Mx	.000982	4.5
34	MP3C	X	1.963	4.5
35	MP3C	Z	-3.399	4.5
36	MP3C	Mx	.000982	4.5
37	MP2A	X	4.427	2
38	MP2A	Z	-7.668	2
39	MP2A	Mx	-.008	2
40	MP2A	X	4.427	6
41	MP2A	Z	-7.668	6
42	MP2A	Mx	-.008	6
43	MP2B	X	3.248	2
44	MP2B	Z	-5.625	2
45	MP2B	Mx	.004	2
46	MP2B	X	3.248	6
47	MP2B	Z	-5.625	6
48	MP2B	Mx	.004	6
49	MP2C	X	4.298	2
50	MP2C	Z	-7.444	2
51	MP2C	Mx	.00041	2
52	MP2C	X	4.298	6
53	MP2C	Z	-7.444	6
54	MP2C	Mx	.00041	6
55	MP2A	X	4.427	2
56	MP2A	Z	-7.668	2
57	MP2A	Mx	.001	2
58	MP2A	X	4.427	6
59	MP2A	Z	-7.668	6
60	MP2A	Mx	.001	6
61	MP2B	X	3.248	2
62	MP2B	Z	-5.625	2
63	MP2B	Mx	.005	2
64	MP2B	X	3.248	6
65	MP2B	Z	-5.625	6
66	MP2B	Mx	.005	6
67	MP2C	X	4.298	2
68	MP2C	Z	-7.444	2
69	MP2C	Mx	-.008	2
70	MP2C	X	4.298	6
71	MP2C	Z	-7.444	6
72	MP2C	Mx	-.008	6
73	MP4A	X	4.427	2
74	MP4A	Z	-7.668	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	-.003	2
76	MP4A	X	4.427	6
77	MP4A	Z	-7.668	6
78	MP4A	Mx	-.003	6
79	MP4B	X	3.248	2
80	MP4B	Z	-5.625	2
81	MP4B	Mx	.005	2
82	MP4B	X	3.248	6
83	MP4B	Z	-5.625	6
84	MP4B	Mx	.005	6
85	MP4C	X	4.298	2
86	MP4C	Z	-7.444	2
87	MP4C	Mx	-.004	2
88	MP4C	X	4.298	6
89	MP4C	Z	-7.444	6
90	MP4C	Mx	-.004	6
91	OVP1	X	2.704	1
92	OVP1	Z	-4.683	1
93	OVP1	Mx	0	1
94	OVP2	X	2.704	1
95	OVP2	Z	-4.683	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.623	3
2	MP1A	Z	-1.514	3
3	MP1A	Mx	-.002	3
4	MP1A	X	2.623	5
5	MP1A	Z	-1.514	5
6	MP1A	Mx	-.002	5
7	MP1B	X	3.102	3
8	MP1B	Z	-1.791	3
9	MP1B	Mx	.002	3
10	MP1B	X	3.102	5
11	MP1B	Z	-1.791	5
12	MP1B	Mx	.002	5
13	MP1C	X	4.803	3
14	MP1C	Z	-2.773	3
15	MP1C	Mx	-.000363	3
16	MP1C	X	4.803	5
17	MP1C	Z	-2.773	5
18	MP1C	Mx	-.000363	5
19	MP2A	X	2.885	4.5
20	MP2A	Z	-1.665	4.5
21	MP2A	Mx	.001	4.5
22	MP2B	X	2.885	4.5
23	MP2B	Z	-1.665	4.5
24	MP2B	Mx	.001	4.5
25	MP2C	X	2.885	4.5
26	MP2C	Z	-1.665	4.5
27	MP2C	Mx	.001	4.5
28	MP3A	X	2.519	4.5
29	MP3A	Z	-1.454	4.5
30	MP3A	Mx	.001	4.5
31	MP3B	X	2.519	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3B	Z	-1.454	4.5
33	MP3B	Mx	.001	4.5
34	MP3C	X	2.519	4.5
35	MP3C	Z	-1.454	4.5
36	MP3C	Mx	.001	4.5
37	MP2A	X	6.249	2
38	MP2A	Z	-3.608	2
39	MP2A	Mx	-.007	2
40	MP2A	X	6.249	6
41	MP2A	Z	-3.608	6
42	MP2A	Mx	-.007	6
43	MP2B	X	6.712	2
44	MP2B	Z	-3.875	2
45	MP2B	Mx	.002	2
46	MP2B	X	6.712	6
47	MP2B	Z	-3.875	6
48	MP2B	Mx	.002	6
49	MP2C	X	8.355	2
50	MP2C	Z	-4.824	2
51	MP2C	Mx	.005	2
52	MP2C	X	8.355	6
53	MP2C	Z	-4.824	6
54	MP2C	Mx	.005	6
55	MP2A	X	6.249	2
56	MP2A	Z	-3.608	2
57	MP2A	Mx	-.003	2
58	MP2A	X	6.249	6
59	MP2A	Z	-3.608	6
60	MP2A	Mx	-.003	6
61	MP2B	X	6.712	2
62	MP2B	Z	-3.875	2
63	MP2B	Mx	.007	2
64	MP2B	X	6.712	6
65	MP2B	Z	-3.875	6
66	MP2B	Mx	.007	6
67	MP2C	X	8.355	2
68	MP2C	Z	-4.824	2
69	MP2C	Mx	-.006	2
70	MP2C	X	8.355	6
71	MP2C	Z	-4.824	6
72	MP2C	Mx	-.006	6
73	MP4A	X	6.249	2
74	MP4A	Z	-3.608	2
75	MP4A	Mx	-.005	2
76	MP4A	X	6.249	6
77	MP4A	Z	-3.608	6
78	MP4A	Mx	-.005	6
79	MP4B	X	6.712	2
80	MP4B	Z	-3.875	2
81	MP4B	Mx	.004	2
82	MP4B	X	6.712	6
83	MP4B	Z	-3.875	6
84	MP4B	Mx	.004	6
85	MP4C	X	8.355	2
86	MP4C	Z	-4.824	2
87	MP4C	Mx	-.000631	2
88	MP4C	X	8.355	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP4C	Z	-4.824	6
90	MP4C	Mx	-.000631	6
91	OVP1	X	3.783	1
92	OVP1	Z	-2.184	1
93	OVP1	Mx	0	1
94	OVP2	X	3.783	1
95	OVP2	Z	-2.184	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.181	3
2	MP1A	Z	0	3
3	MP1A	Mx	-.002	3
4	MP1A	X	2.181	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.002	5
7	MP1B	X	5.175	3
8	MP1B	Z	0	3
9	MP1B	Mx	.001	3
10	MP1B	X	5.175	5
11	MP1B	Z	0	5
12	MP1B	Mx	.001	5
13	MP1C	X	4.966	3
14	MP1C	Z	0	3
15	MP1C	Mx	.002	3
16	MP1C	X	4.966	5
17	MP1C	Z	0	5
18	MP1C	Mx	.002	5
19	MP2A	X	2.964	4.5
20	MP2A	Z	0	4.5
21	MP2A	Mx	.001	4.5
22	MP2B	X	2.964	4.5
23	MP2B	Z	0	4.5
24	MP2B	Mx	.001	4.5
25	MP2C	X	2.964	4.5
26	MP2C	Z	0	4.5
27	MP2C	Mx	.001	4.5
28	MP3A	X	2.4	4.5
29	MP3A	Z	0	4.5
30	MP3A	Mx	.001	4.5
31	MP3B	X	2.4	4.5
32	MP3B	Z	0	4.5
33	MP3B	Mx	.001	4.5
34	MP3C	X	2.4	4.5
35	MP3C	Z	0	4.5
36	MP3C	Mx	.001	4.5
37	MP2A	X	6.397	2
38	MP2A	Z	0	2
39	MP2A	Mx	-.005	2
40	MP2A	X	6.397	6
41	MP2A	Z	0	6
42	MP2A	Mx	-.005	6
43	MP2B	X	9.29	2
44	MP2B	Z	0	2
45	MP2B	Mx	-.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP2B	X	9.29	6
47	MP2B	Z	0	6
48	MP2B	Mx	-.003	6
49	MP2C	X	9.088	2
50	MP2C	Z	0	2
51	MP2C	Mx	.008	2
52	MP2C	X	9.088	6
53	MP2C	Z	0	6
54	MP2C	Mx	.008	6
55	MP2A	X	6.397	2
56	MP2A	Z	0	2
57	MP2A	Mx	-.005	2
58	MP2A	X	6.397	6
59	MP2A	Z	0	6
60	MP2A	Mx	-.005	6
61	MP2B	X	9.29	2
62	MP2B	Z	0	2
63	MP2B	Mx	.007	2
64	MP2B	X	9.29	6
65	MP2B	Z	0	6
66	MP2B	Mx	.007	6
67	MP2C	X	9.088	2
68	MP2C	Z	0	2
69	MP2C	Mx	-.002	2
70	MP2C	X	9.088	6
71	MP2C	Z	0	6
72	MP2C	Mx	-.002	6
73	MP4A	X	6.397	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.005	2
76	MP4A	X	6.397	6
77	MP4A	Z	0	6
78	MP4A	Mx	-.005	6
79	MP4B	X	9.29	2
80	MP4B	Z	0	2
81	MP4B	Mx	.002	2
82	MP4B	X	9.29	6
83	MP4B	Z	0	6
84	MP4B	Mx	.002	6
85	MP4C	X	9.088	2
86	MP4C	Z	0	2
87	MP4C	Mx	.003	2
88	MP4C	X	9.088	6
89	MP4C	Z	0	6
90	MP4C	Mx	.003	6
91	OVP1	X	3.849	1
92	OVP1	Z	0	1
93	OVP1	Mx	0	1
94	OVP2	X	3.849	1
95	OVP2	Z	0	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.623	3
2	MP1A	Z	1.514	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP1A	Mx	-.002	3
4	MP1A	X	2.623	5
5	MP1A	Z	1.514	5
6	MP1A	Mx	-.002	5
7	MP1B	X	4.736	3
8	MP1B	Z	2.735	3
9	MP1B	Mx	-.000713	3
10	MP1B	X	4.736	5
11	MP1B	Z	2.735	5
12	MP1B	Mx	-.000713	5
13	MP1C	X	2.855	3
14	MP1C	Z	1.648	3
15	MP1C	Mx	.002	3
16	MP1C	X	2.855	5
17	MP1C	Z	1.648	5
18	MP1C	Mx	.002	5
19	MP2A	X	2.885	4.5
20	MP2A	Z	1.665	4.5
21	MP2A	Mx	.001	4.5
22	MP2B	X	2.885	4.5
23	MP2B	Z	1.665	4.5
24	MP2B	Mx	.001	4.5
25	MP2C	X	2.885	4.5
26	MP2C	Z	1.665	4.5
27	MP2C	Mx	.001	4.5
28	MP3A	X	2.519	4.5
29	MP3A	Z	1.454	4.5
30	MP3A	Mx	.001	4.5
31	MP3B	X	2.519	4.5
32	MP3B	Z	1.454	4.5
33	MP3B	Mx	.001	4.5
34	MP3C	X	2.519	4.5
35	MP3C	Z	1.454	4.5
36	MP3C	Mx	.001	4.5
37	MP2A	X	6.249	2
38	MP2A	Z	3.608	2
39	MP2A	Mx	-.003	2
40	MP2A	X	6.249	6
41	MP2A	Z	3.608	6
42	MP2A	Mx	-.003	6
43	MP2B	X	8.291	2
44	MP2B	Z	4.787	2
45	MP2B	Mx	-.007	2
46	MP2B	X	8.291	6
47	MP2B	Z	4.787	6
48	MP2B	Mx	-.007	6
49	MP2C	X	6.473	2
50	MP2C	Z	3.737	2
51	MP2C	Mx	.007	2
52	MP2C	X	6.473	6
53	MP2C	Z	3.737	6
54	MP2C	Mx	.007	6
55	MP2A	X	6.249	2
56	MP2A	Z	3.608	2
57	MP2A	Mx	-.007	2
58	MP2A	X	6.249	6
59	MP2A	Z	3.608	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mx	-.007	6
61	MP2B	X	8.291	2
62	MP2B	Z	4.787	2
63	MP2B	Mx	.004	2
64	MP2B	X	8.291	6
65	MP2B	Z	4.787	6
66	MP2B	Mx	.004	6
67	MP2C	X	6.473	2
68	MP2C	Z	3.737	2
69	MP2C	Mx	.002	2
70	MP2C	X	6.473	6
71	MP2C	Z	3.737	6
72	MP2C	Mx	.002	6
73	MP4A	X	6.249	2
74	MP4A	Z	3.608	2
75	MP4A	Mx	-.005	2
76	MP4A	X	6.249	6
77	MP4A	Z	3.608	6
78	MP4A	Mx	-.005	6
79	MP4B	X	8.291	2
80	MP4B	Z	4.787	2
81	MP4B	Mx	-.001	2
82	MP4B	X	8.291	6
83	MP4B	Z	4.787	6
84	MP4B	Mx	-.001	6
85	MP4C	X	6.473	2
86	MP4C	Z	3.737	2
87	MP4C	Mx	.005	2
88	MP4C	X	6.473	6
89	MP4C	Z	3.737	6
90	MP4C	Mx	.005	6
91	OVP1	X	3.783	1
92	OVP1	Z	2.184	1
93	OVP1	Mx	0	1
94	OVP2	X	3.783	1
95	OVP2	Z	2.184	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	2.362	3
2	MP1A	Z	4.091	3
3	MP1A	Mx	-.002	3
4	MP1A	X	2.362	5
5	MP1A	Z	4.091	5
6	MP1A	Mx	-.002	5
7	MP1B	X	2.085	3
8	MP1B	Z	3.612	3
9	MP1B	Mx	-.002	3
10	MP1B	X	2.085	5
11	MP1B	Z	3.612	5
12	MP1B	Mx	-.002	5
13	MP1C	X	1.103	3
14	MP1C	Z	1.911	3
15	MP1C	Mx	.002	3
16	MP1C	X	1.103	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1C	Z	1.911	5
18	MP1C	Mx	.002	5
19	MP2A	X	2.033	4.5
20	MP2A	Z	3.521	4.5
21	MP2A	Mx	.001	4.5
22	MP2B	X	2.033	4.5
23	MP2B	Z	3.521	4.5
24	MP2B	Mx	.001	4.5
25	MP2C	X	2.033	4.5
26	MP2C	Z	3.521	4.5
27	MP2C	Mx	.001	4.5
28	MP3A	X	1.963	4.5
29	MP3A	Z	3.399	4.5
30	MP3A	Mx	.000982	4.5
31	MP3B	X	1.963	4.5
32	MP3B	Z	3.399	4.5
33	MP3B	Mx	.000982	4.5
34	MP3C	X	1.963	4.5
35	MP3C	Z	3.399	4.5
36	MP3C	Mx	.000982	4.5
37	MP2A	X	4.427	2
38	MP2A	Z	7.668	2
39	MP2A	Mx	.001	2
40	MP2A	X	4.427	6
41	MP2A	Z	7.668	6
42	MP2A	Mx	.001	6
43	MP2B	X	4.16	2
44	MP2B	Z	7.205	2
45	MP2B	Mx	-.008	2
46	MP2B	X	4.16	6
47	MP2B	Z	7.205	6
48	MP2B	Mx	-.008	6
49	MP2C	X	3.211	2
50	MP2C	Z	5.561	2
51	MP2C	Mx	.005	2
52	MP2C	X	3.211	6
53	MP2C	Z	5.561	6
54	MP2C	Mx	.005	6
55	MP2A	X	4.427	2
56	MP2A	Z	7.668	2
57	MP2A	Mx	-.008	2
58	MP2A	X	4.427	6
59	MP2A	Z	7.668	6
60	MP2A	Mx	-.008	6
61	MP2B	X	4.16	2
62	MP2B	Z	7.205	2
63	MP2B	Mx	-.000293	2
64	MP2B	X	4.16	6
65	MP2B	Z	7.205	6
66	MP2B	Mx	-.000293	6
67	MP2C	X	3.211	2
68	MP2C	Z	5.561	2
69	MP2C	Mx	.004	2
70	MP2C	X	3.211	6
71	MP2C	Z	5.561	6
72	MP2C	Mx	.004	6
73	MP4A	X	4.427	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4A	Z	7.668	2
75	MP4A	Mx	-.003	2
76	MP4A	X	4.427	6
77	MP4A	Z	7.668	6
78	MP4A	Mx	-.003	6
79	MP4B	X	4.16	2
80	MP4B	Z	7.205	2
81	MP4B	Mx	-.004	2
82	MP4B	X	4.16	6
83	MP4B	Z	7.205	6
84	MP4B	Mx	-.004	6
85	MP4C	X	3.211	2
86	MP4C	Z	5.561	2
87	MP4C	Mx	.005	2
88	MP4C	X	3.211	6
89	MP4C	Z	5.561	6
90	MP4C	Mx	.005	6
91	OVP1	X	2.704	1
92	OVP1	Z	4.683	1
93	OVP1	Mx	0	1
94	OVP2	X	2.704	1
95	OVP2	Z	4.683	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	0	3
2	MP1A	Z	5.571	3
3	MP1A	Mx	0	3
4	MP1A	X	0	5
5	MP1A	Z	5.571	5
6	MP1A	Mx	0	5
7	MP1B	X	0	3
8	MP1B	Z	2.578	3
9	MP1B	Mx	-.002	3
10	MP1B	X	0	5
11	MP1B	Z	2.578	5
12	MP1B	Mx	-.002	5
13	MP1C	X	0	3
14	MP1C	Z	2.787	3
15	MP1C	Mx	.002	3
16	MP1C	X	0	5
17	MP1C	Z	2.787	5
18	MP1C	Mx	.002	5
19	MP2A	X	0	4.5
20	MP2A	Z	4.433	4.5
21	MP2A	Mx	0	4.5
22	MP2B	X	0	4.5
23	MP2B	Z	4.433	4.5
24	MP2B	Mx	0	4.5
25	MP2C	X	0	4.5
26	MP2C	Z	4.433	4.5
27	MP2C	Mx	0	4.5
28	MP3A	X	0	4.5
29	MP3A	Z	4.433	4.5
30	MP3A	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3B	X	0	4.5
32	MP3B	Z	4.433	4.5
33	MP3B	Mx	0	4.5
34	MP3C	X	0	4.5
35	MP3C	Z	4.433	4.5
36	MP3C	Mx	0	4.5
37	MP2A	X	0	2
38	MP2A	Z	9.673	2
39	MP2A	Mx	.006	2
40	MP2A	X	0	6
41	MP2A	Z	9.673	6
42	MP2A	Mx	.006	6
43	MP2B	X	0	2
44	MP2B	Z	6.78	2
45	MP2B	Mx	-.006	2
46	MP2B	X	0	6
47	MP2B	Z	6.78	6
48	MP2B	Mx	-.006	6
49	MP2C	X	0	2
50	MP2C	Z	6.982	2
51	MP2C	Mx	.003	2
52	MP2C	X	0	6
53	MP2C	Z	6.982	6
54	MP2C	Mx	.003	6
55	MP2A	X	0	2
56	MP2A	Z	9.673	2
57	MP2A	Mx	-.006	2
58	MP2A	X	0	6
59	MP2A	Z	9.673	6
60	MP2A	Mx	-.006	6
61	MP2B	X	0	2
62	MP2B	Z	6.78	2
63	MP2B	Mx	-.003	2
64	MP2B	X	0	6
65	MP2B	Z	6.78	6
66	MP2B	Mx	-.003	6
67	MP2C	X	0	2
68	MP2C	Z	6.982	2
69	MP2C	Mx	.006	2
70	MP2C	X	0	6
71	MP2C	Z	6.982	6
72	MP2C	Mx	.006	6
73	MP4A	X	0	2
74	MP4A	Z	9.673	2
75	MP4A	Mx	0	2
76	MP4A	X	0	6
77	MP4A	Z	9.673	6
78	MP4A	Mx	0	6
79	MP4B	X	0	2
80	MP4B	Z	6.78	2
81	MP4B	Mx	-.005	2
82	MP4B	X	0	6
83	MP4B	Z	6.78	6
84	MP4B	Mx	-.005	6
85	MP4C	X	0	2
86	MP4C	Z	6.982	2
87	MP4C	Mx	.005	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP4C	X	0	6
89	MP4C	Z	6.982	6
90	MP4C	Mx	.005	6
91	OVP1	X	0	1
92	OVP1	Z	5.927	1
93	OVP1	Mx	0	1
94	OVP2	X	0	1
95	OVP2	Z	5.927	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.362	3
2	MP1A	Z	4.091	3
3	MP1A	Mx	.002	3
4	MP1A	X	-2.362	5
5	MP1A	Z	4.091	5
6	MP1A	Mx	.002	5
7	MP1B	X	-1.142	3
8	MP1B	Z	1.977	3
9	MP1B	Mx	-.002	3
10	MP1B	X	-1.142	5
11	MP1B	Z	1.977	5
12	MP1B	Mx	-.002	5
13	MP1C	X	-2.228	3
14	MP1C	Z	3.859	3
15	MP1C	Mx	.002	3
16	MP1C	X	-2.228	5
17	MP1C	Z	3.859	5
18	MP1C	Mx	.002	5
19	MP2A	X	-2.033	4.5
20	MP2A	Z	3.521	4.5
21	MP2A	Mx	-.001	4.5
22	MP2B	X	-2.033	4.5
23	MP2B	Z	3.521	4.5
24	MP2B	Mx	-.001	4.5
25	MP2C	X	-2.033	4.5
26	MP2C	Z	3.521	4.5
27	MP2C	Mx	-.001	4.5
28	MP3A	X	-1.963	4.5
29	MP3A	Z	3.399	4.5
30	MP3A	Mx	-.000982	4.5
31	MP3B	X	-1.963	4.5
32	MP3B	Z	3.399	4.5
33	MP3B	Mx	-.000982	4.5
34	MP3C	X	-1.963	4.5
35	MP3C	Z	3.399	4.5
36	MP3C	Mx	-.000982	4.5
37	MP2A	X	-4.427	2
38	MP2A	Z	7.668	2
39	MP2A	Mx	.008	2
40	MP2A	X	-4.427	6
41	MP2A	Z	7.668	6
42	MP2A	Mx	.008	6
43	MP2B	X	-3.248	2
44	MP2B	Z	5.625	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP2B	Mx	-.004	2
46	MP2B	X	-3.248	6
47	MP2B	Z	5.625	6
48	MP2B	Mx	-.004	6
49	MP2C	X	-4.298	2
50	MP2C	Z	7.444	2
51	MP2C	Mx	-.00041	2
52	MP2C	X	-4.298	6
53	MP2C	Z	7.444	6
54	MP2C	Mx	-.00041	6
55	MP2A	X	-4.427	2
56	MP2A	Z	7.668	2
57	MP2A	Mx	-.001	2
58	MP2A	X	-4.427	6
59	MP2A	Z	7.668	6
60	MP2A	Mx	-.001	6
61	MP2B	X	-3.248	2
62	MP2B	Z	5.625	2
63	MP2B	Mx	-.005	2
64	MP2B	X	-3.248	6
65	MP2B	Z	5.625	6
66	MP2B	Mx	-.005	6
67	MP2C	X	-4.298	2
68	MP2C	Z	7.444	2
69	MP2C	Mx	.008	2
70	MP2C	X	-4.298	6
71	MP2C	Z	7.444	6
72	MP2C	Mx	.008	6
73	MP4A	X	-4.427	2
74	MP4A	Z	7.668	2
75	MP4A	Mx	.003	2
76	MP4A	X	-4.427	6
77	MP4A	Z	7.668	6
78	MP4A	Mx	.003	6
79	MP4B	X	-3.248	2
80	MP4B	Z	5.625	2
81	MP4B	Mx	-.005	2
82	MP4B	X	-3.248	6
83	MP4B	Z	5.625	6
84	MP4B	Mx	-.005	6
85	MP4C	X	-4.298	2
86	MP4C	Z	7.444	2
87	MP4C	Mx	.004	2
88	MP4C	X	-4.298	6
89	MP4C	Z	7.444	6
90	MP4C	Mx	.004	6
91	OVP1	X	-2.704	1
92	OVP1	Z	4.683	1
93	OVP1	Mx	0	1
94	OVP2	X	-2.704	1
95	OVP2	Z	4.683	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.623	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP1A	Z	1.514	3
3	MP1A	Mx	.002	3
4	MP1A	X	-2.623	5
5	MP1A	Z	1.514	5
6	MP1A	Mx	.002	5
7	MP1B	X	-3.102	3
8	MP1B	Z	1.791	3
9	MP1B	Mx	-.002	3
10	MP1B	X	-3.102	5
11	MP1B	Z	1.791	5
12	MP1B	Mx	-.002	5
13	MP1C	X	-4.803	3
14	MP1C	Z	2.773	3
15	MP1C	Mx	.000363	3
16	MP1C	X	-4.803	5
17	MP1C	Z	2.773	5
18	MP1C	Mx	.000363	5
19	MP2A	X	-2.885	4.5
20	MP2A	Z	1.665	4.5
21	MP2A	Mx	-.001	4.5
22	MP2B	X	-2.885	4.5
23	MP2B	Z	1.665	4.5
24	MP2B	Mx	-.001	4.5
25	MP2C	X	-2.885	4.5
26	MP2C	Z	1.665	4.5
27	MP2C	Mx	-.001	4.5
28	MP3A	X	-2.519	4.5
29	MP3A	Z	1.454	4.5
30	MP3A	Mx	-.001	4.5
31	MP3B	X	-2.519	4.5
32	MP3B	Z	1.454	4.5
33	MP3B	Mx	-.001	4.5
34	MP3C	X	-2.519	4.5
35	MP3C	Z	1.454	4.5
36	MP3C	Mx	-.001	4.5
37	MP2A	X	-6.249	2
38	MP2A	Z	3.608	2
39	MP2A	Mx	.007	2
40	MP2A	X	-6.249	6
41	MP2A	Z	3.608	6
42	MP2A	Mx	.007	6
43	MP2B	X	-6.712	2
44	MP2B	Z	3.875	2
45	MP2B	Mx	-.002	2
46	MP2B	X	-6.712	6
47	MP2B	Z	3.875	6
48	MP2B	Mx	-.002	6
49	MP2C	X	-8.355	2
50	MP2C	Z	4.824	2
51	MP2C	Mx	-.005	2
52	MP2C	X	-8.355	6
53	MP2C	Z	4.824	6
54	MP2C	Mx	-.005	6
55	MP2A	X	-6.249	2
56	MP2A	Z	3.608	2
57	MP2A	Mx	.003	2
58	MP2A	X	-6.249	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2A	Z	3.608	6
60	MP2A	Mx	.003	6
61	MP2B	X	-6.712	2
62	MP2B	Z	3.875	2
63	MP2B	Mx	-.007	2
64	MP2B	X	-6.712	6
65	MP2B	Z	3.875	6
66	MP2B	Mx	-.007	6
67	MP2C	X	-8.355	2
68	MP2C	Z	4.824	2
69	MP2C	Mx	.006	2
70	MP2C	X	-8.355	6
71	MP2C	Z	4.824	6
72	MP2C	Mx	.006	6
73	MP4A	X	-6.249	2
74	MP4A	Z	3.608	2
75	MP4A	Mx	.005	2
76	MP4A	X	-6.249	6
77	MP4A	Z	3.608	6
78	MP4A	Mx	.005	6
79	MP4B	X	-6.712	2
80	MP4B	Z	3.875	2
81	MP4B	Mx	-.004	2
82	MP4B	X	-6.712	6
83	MP4B	Z	3.875	6
84	MP4B	Mx	-.004	6
85	MP4C	X	-8.355	2
86	MP4C	Z	4.824	2
87	MP4C	Mx	.000631	2
88	MP4C	X	-8.355	6
89	MP4C	Z	4.824	6
90	MP4C	Mx	.000631	6
91	OVP1	X	-3.783	1
92	OVP1	Z	2.184	1
93	OVP1	Mx	0	1
94	OVP2	X	-3.783	1
95	OVP2	Z	2.184	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.181	3
2	MP1A	Z	0	3
3	MP1A	Mx	.002	3
4	MP1A	X	-2.181	5
5	MP1A	Z	0	5
6	MP1A	Mx	.002	5
7	MP1B	X	-5.175	3
8	MP1B	Z	0	3
9	MP1B	Mx	-.001	3
10	MP1B	X	-5.175	5
11	MP1B	Z	0	5
12	MP1B	Mx	-.001	5
13	MP1C	X	-4.966	3
14	MP1C	Z	0	3
15	MP1C	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP1C	X	-4.966	5
17	MP1C	Z	0	5
18	MP1C	Mx	-.002	5
19	MP2A	X	-2.964	4.5
20	MP2A	Z	0	4.5
21	MP2A	Mx	-.001	4.5
22	MP2B	X	-2.964	4.5
23	MP2B	Z	0	4.5
24	MP2B	Mx	-.001	4.5
25	MP2C	X	-2.964	4.5
26	MP2C	Z	0	4.5
27	MP2C	Mx	-.001	4.5
28	MP3A	X	-2.4	4.5
29	MP3A	Z	0	4.5
30	MP3A	Mx	-.001	4.5
31	MP3B	X	-2.4	4.5
32	MP3B	Z	0	4.5
33	MP3B	Mx	-.001	4.5
34	MP3C	X	-2.4	4.5
35	MP3C	Z	0	4.5
36	MP3C	Mx	-.001	4.5
37	MP2A	X	-6.397	2
38	MP2A	Z	0	2
39	MP2A	Mx	.005	2
40	MP2A	X	-6.397	6
41	MP2A	Z	0	6
42	MP2A	Mx	.005	6
43	MP2B	X	-9.29	2
44	MP2B	Z	0	2
45	MP2B	Mx	.003	2
46	MP2B	X	-9.29	6
47	MP2B	Z	0	6
48	MP2B	Mx	.003	6
49	MP2C	X	-9.088	2
50	MP2C	Z	0	2
51	MP2C	Mx	-.008	2
52	MP2C	X	-9.088	6
53	MP2C	Z	0	6
54	MP2C	Mx	-.008	6
55	MP2A	X	-6.397	2
56	MP2A	Z	0	2
57	MP2A	Mx	.005	2
58	MP2A	X	-6.397	6
59	MP2A	Z	0	6
60	MP2A	Mx	.005	6
61	MP2B	X	-9.29	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.007	2
64	MP2B	X	-9.29	6
65	MP2B	Z	0	6
66	MP2B	Mx	-.007	6
67	MP2C	X	-9.088	2
68	MP2C	Z	0	2
69	MP2C	Mx	.002	2
70	MP2C	X	-9.088	6
71	MP2C	Z	0	6
72	MP2C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP4A	X	-6.397	2
74	MP4A	Z	0	2
75	MP4A	Mx	.005	2
76	MP4A	X	-6.397	6
77	MP4A	Z	0	6
78	MP4A	Mx	.005	6
79	MP4B	X	-9.29	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.002	2
82	MP4B	X	-9.29	6
83	MP4B	Z	0	6
84	MP4B	Mx	-.002	6
85	MP4C	X	-9.088	2
86	MP4C	Z	0	2
87	MP4C	Mx	-.003	2
88	MP4C	X	-9.088	6
89	MP4C	Z	0	6
90	MP4C	Mx	-.003	6
91	OVP1	X	-3.849	1
92	OVP1	Z	0	1
93	OVP1	Mx	0	1
94	OVP2	X	-3.849	1
95	OVP2	Z	0	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.623	3
2	MP1A	Z	-1.514	3
3	MP1A	Mx	.002	3
4	MP1A	X	-2.623	5
5	MP1A	Z	-1.514	5
6	MP1A	Mx	.002	5
7	MP1B	X	-4.736	3
8	MP1B	Z	-2.735	3
9	MP1B	Mx	.000713	3
10	MP1B	X	-4.736	5
11	MP1B	Z	-2.735	5
12	MP1B	Mx	.000713	5
13	MP1C	X	-2.855	3
14	MP1C	Z	-1.648	3
15	MP1C	Mx	-.002	3
16	MP1C	X	-2.855	5
17	MP1C	Z	-1.648	5
18	MP1C	Mx	-.002	5
19	MP2A	X	-2.885	4.5
20	MP2A	Z	-1.665	4.5
21	MP2A	Mx	-.001	4.5
22	MP2B	X	-2.885	4.5
23	MP2B	Z	-1.665	4.5
24	MP2B	Mx	-.001	4.5
25	MP2C	X	-2.885	4.5
26	MP2C	Z	-1.665	4.5
27	MP2C	Mx	-.001	4.5
28	MP3A	X	-2.519	4.5
29	MP3A	Z	-1.454	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3A	Mx	-.001	4.5
31	MP3B	X	-2.519	4.5
32	MP3B	Z	-1.454	4.5
33	MP3B	Mx	-.001	4.5
34	MP3C	X	-2.519	4.5
35	MP3C	Z	-1.454	4.5
36	MP3C	Mx	-.001	4.5
37	MP2A	X	-6.249	2
38	MP2A	Z	-3.608	2
39	MP2A	Mx	.003	2
40	MP2A	X	-6.249	6
41	MP2A	Z	-3.608	6
42	MP2A	Mx	.003	6
43	MP2B	X	-8.291	2
44	MP2B	Z	-4.787	2
45	MP2B	Mx	.007	2
46	MP2B	X	-8.291	6
47	MP2B	Z	-4.787	6
48	MP2B	Mx	.007	6
49	MP2C	X	-6.473	2
50	MP2C	Z	-3.737	2
51	MP2C	Mx	-.007	2
52	MP2C	X	-6.473	6
53	MP2C	Z	-3.737	6
54	MP2C	Mx	-.007	6
55	MP2A	X	-6.249	2
56	MP2A	Z	-3.608	2
57	MP2A	Mx	.007	2
58	MP2A	X	-6.249	6
59	MP2A	Z	-3.608	6
60	MP2A	Mx	.007	6
61	MP2B	X	-8.291	2
62	MP2B	Z	-4.787	2
63	MP2B	Mx	-.004	2
64	MP2B	X	-8.291	6
65	MP2B	Z	-4.787	6
66	MP2B	Mx	-.004	6
67	MP2C	X	-6.473	2
68	MP2C	Z	-3.737	2
69	MP2C	Mx	-.002	2
70	MP2C	X	-6.473	6
71	MP2C	Z	-3.737	6
72	MP2C	Mx	-.002	6
73	MP4A	X	-6.249	2
74	MP4A	Z	-3.608	2
75	MP4A	Mx	.005	2
76	MP4A	X	-6.249	6
77	MP4A	Z	-3.608	6
78	MP4A	Mx	.005	6
79	MP4B	X	-8.291	2
80	MP4B	Z	-4.787	2
81	MP4B	Mx	.001	2
82	MP4B	X	-8.291	6
83	MP4B	Z	-4.787	6
84	MP4B	Mx	.001	6
85	MP4C	X	-6.473	2
86	MP4C	Z	-3.737	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP4C	Mx	-.005	2
88	MP4C	X	-6.473	6
89	MP4C	Z	-3.737	6
90	MP4C	Mx	-.005	6
91	OVP1	X	-3.783	1
92	OVP1	Z	-2.184	1
93	OVP1	Mx	0	1
94	OVP2	X	-3.783	1
95	OVP2	Z	-2.184	1
96	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1A	X	-2.362	3
2	MP1A	Z	-4.091	3
3	MP1A	Mx	.002	3
4	MP1A	X	-2.362	5
5	MP1A	Z	-4.091	5
6	MP1A	Mx	.002	5
7	MP1B	X	-2.085	3
8	MP1B	Z	-3.612	3
9	MP1B	Mx	.002	3
10	MP1B	X	-2.085	5
11	MP1B	Z	-3.612	5
12	MP1B	Mx	.002	5
13	MP1C	X	-1.103	3
14	MP1C	Z	-1.911	3
15	MP1C	Mx	-.002	3
16	MP1C	X	-1.103	5
17	MP1C	Z	-1.911	5
18	MP1C	Mx	-.002	5
19	MP2A	X	-2.033	4.5
20	MP2A	Z	-3.521	4.5
21	MP2A	Mx	-.001	4.5
22	MP2B	X	-2.033	4.5
23	MP2B	Z	-3.521	4.5
24	MP2B	Mx	-.001	4.5
25	MP2C	X	-2.033	4.5
26	MP2C	Z	-3.521	4.5
27	MP2C	Mx	-.001	4.5
28	MP3A	X	-1.963	4.5
29	MP3A	Z	-3.399	4.5
30	MP3A	Mx	-.000982	4.5
31	MP3B	X	-1.963	4.5
32	MP3B	Z	-3.399	4.5
33	MP3B	Mx	-.000982	4.5
34	MP3C	X	-1.963	4.5
35	MP3C	Z	-3.399	4.5
36	MP3C	Mx	-.000982	4.5
37	MP2A	X	-4.427	2
38	MP2A	Z	-7.668	2
39	MP2A	Mx	-.001	2
40	MP2A	X	-4.427	6
41	MP2A	Z	-7.668	6
42	MP2A	Mx	-.001	6
43	MP2B	X	-4.16	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP2B	Z	-7.205	2
45	MP2B	Mx	.008	2
46	MP2B	X	-4.16	6
47	MP2B	Z	-7.205	6
48	MP2B	Mx	.008	6
49	MP2C	X	-3.211	2
50	MP2C	Z	-5.561	2
51	MP2C	Mx	-.005	2
52	MP2C	X	-3.211	6
53	MP2C	Z	-5.561	6
54	MP2C	Mx	-.005	6
55	MP2A	X	-4.427	2
56	MP2A	Z	-7.668	2
57	MP2A	Mx	.008	2
58	MP2A	X	-4.427	6
59	MP2A	Z	-7.668	6
60	MP2A	Mx	.008	6
61	MP2B	X	-4.16	2
62	MP2B	Z	-7.205	2
63	MP2B	Mx	.000293	2
64	MP2B	X	-4.16	6
65	MP2B	Z	-7.205	6
66	MP2B	Mx	.000293	6
67	MP2C	X	-3.211	2
68	MP2C	Z	-5.561	2
69	MP2C	Mx	-.004	2
70	MP2C	X	-3.211	6
71	MP2C	Z	-5.561	6
72	MP2C	Mx	-.004	6
73	MP4A	X	-4.427	2
74	MP4A	Z	-7.668	2
75	MP4A	Mx	.003	2
76	MP4A	X	-4.427	6
77	MP4A	Z	-7.668	6
78	MP4A	Mx	.003	6
79	MP4B	X	-4.16	2
80	MP4B	Z	-7.205	2
81	MP4B	Mx	.004	2
82	MP4B	X	-4.16	6
83	MP4B	Z	-7.205	6
84	MP4B	Mx	.004	6
85	MP4C	X	-3.211	2
86	MP4C	Z	-5.561	2
87	MP4C	Mx	-.005	2
88	MP4C	X	-3.211	6
89	MP4C	Z	-5.561	6
90	MP4C	Mx	-.005	6
91	OVP1	X	-2.704	1
92	OVP1	Z	-4.683	1
93	OVP1	Mx	0	1
94	OVP2	X	-2.704	1
95	OVP2	Z	-4.683	1
96	OVP2	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

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

Member Point Loads (BLC 77 : Lm1) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%4

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%34

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-10.272	-10.272	0	%100
2	M2	Y	-10.272	-10.272	0	%100
3	M3	Y	-10.272	-10.272	0	%100
4	M4	Y	-14.586	-14.586	0	%100
5	M5	Y	-14.586	-14.586	0	%100
6	M6	Y	-14.586	-14.586	0	%100
7	M7	Y	-15.313	-15.313	0	%100
8	M8	Y	-15.313	-15.313	0	%100
9	M9	Y	-15.313	-15.313	0	%100
10	M10	Y	-15.313	-15.313	0	%100
11	M11	Y	-15.313	-15.313	0	%100
12	M12	Y	-15.313	-15.313	0	%100
13	M13	Y	-15.313	-15.313	0	%100
14	M14	Y	-15.313	-15.313	0	%100
15	M15	Y	-15.313	-15.313	0	%100
16	M16	Y	-14.586	-14.586	0	%100
17	M17	Y	-14.586	-14.586	0	%100
18	M18	Y	-14.586	-14.586	0	%100
19	M19	Y	-14.586	-14.586	0	%100
20	M20	Y	-14.586	-14.586	0	%100
21	M21	Y	-14.586	-14.586	0	%100
22	M22	Y	-8.929	-8.929	0	%100
23	M23	Y	-8.929	-8.929	0	%100
24	M24	Y	-8.929	-8.929	0	%100
25	M25	Y	-8.929	-8.929	0	%100
26	M26	Y	-8.929	-8.929	0	%100
27	M27	Y	-8.929	-8.929	0	%100
28	M28	Y	-15.295	-15.295	0	%100
29	M29	Y	-15.295	-15.295	0	%100
30	M30	Y	-15.295	-15.295	0	%100
31	M31	Y	-15.295	-15.295	0	%100
32	M32	Y	-15.295	-15.295	0	%100
33	M33	Y	-15.295	-15.295	0	%100
34	M34	Y	-15.295	-15.295	0	%100
35	M35	Y	-15.295	-15.295	0	%100
36	M36	Y	-15.295	-15.295	0	%100
37	M37	Y	-15.295	-15.295	0	%100
38	M38	Y	-15.295	-15.295	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,%]
39	M39	Y	-15.295	-15.295	0	%100
40	M40	Y	-8.023	-8.023	0	%100
41	M41	Y	-8.023	-8.023	0	%100
42	M42	Y	-8.023	-8.023	0	%100
43	OVP2	Y	-8.023	-8.023	0	%100
44	OVP1	Y	-8.023	-8.023	0	%100
45	MP1A	Y	-8.023	-8.023	0	%100
46	MP2A	Y	-9.023	-9.023	0	%100
47	MP3A	Y	-8.023	-8.023	0	%100
48	MP4A	Y	-8.023	-8.023	0	%100
49	MP1B	Y	-8.023	-8.023	0	%100
50	MP2B	Y	-9.023	-9.023	0	%100
51	MP3B	Y	-8.023	-8.023	0	%100
52	MP4B	Y	-8.023	-8.023	0	%100
53	MP1C	Y	-8.023	-8.023	0	%100
54	MP2C	Y	-9.023	-9.023	0	%100
55	MP3C	Y	-8.023	-8.023	0	%100
56	MP4C	Y	-8.023	-8.023	0	%100
57	M43	Y	-10.343	-10.343	0	%100
58	M44	Y	-10.343	-10.343	0	%100
59	M45	Y	-10.343	-10.343	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-12.838	-12.838	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-3.209	-3.209	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-3.209	-3.209	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-9.779	-9.779	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-9.779	-9.779	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-22.007	-22.007	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-5.902	-5.902	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-5.902	-5.902	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-5.502	-5.502	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-5.902	-5.902	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-23.609	-23.609	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-5.502	-5.502	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-23.609	-23.609	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-5.902	-5.902	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-11.033	-11.033	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,%]
33	M17	X	0	0	0	%100
34	M17	Z	-11.033	-11.033	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-2.758	-2.758	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-2.758	-2.758	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-2.758	-2.758	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-2.758	-2.758	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-3.055	-3.055	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-3.055	-3.055	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-3.055	-3.055	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-12.22	-12.22	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-12.22	-12.22	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-3.055	-3.055	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-5.604	-5.604	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-5.604	-5.604	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-16.506	-16.506	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-5.604	-5.604	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	-16.506	-16.506	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	-22.415	-22.415	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	-16.506	-16.506	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	-22.415	-22.415	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	-16.506	-16.506	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	-5.604	-5.604	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	-8.711	-8.711	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	-2.178	-2.178	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	-2.178	-2.178	0	%100
85	OVP2	X	0	0	0	%100
86	OVP2	Z	-7.124	-7.124	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	-7.124	-7.124	0	%100
89	MP1A	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,%]
90	MP1A	Z	-8.711	-8.711	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-10.545	-10.545	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-8.711	-8.711	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-8.711	-8.711	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-8.711	-8.711	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-10.545	-10.545	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-8.711	-8.711	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-8.711	-8.711	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	-8.711	-8.711	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-10.545	-10.545	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-8.711	-8.711	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-8.711	-8.711	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	-2.593	-2.593	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	-2.593	-2.593	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	-10.372	-10.372	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.814	4.814	0	%100
2	M1	Z	-8.338	-8.338	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	4.814	4.814	0	%100
6	M3	Z	-8.338	-8.338	0	%100
7	M4	X	1.63	1.63	0	%100
8	M4	Z	-2.823	-2.823	0	%100
9	M5	X	1.63	1.63	0	%100
10	M5	Z	-2.823	-2.823	0	%100
11	M6	X	6.52	6.52	0	%100
12	M6	Z	-11.292	-11.292	0	%100
13	M7	X	8.253	8.253	0	%100
14	M7	Z	-14.294	-14.294	0	%100
15	M8	X	8.853	8.853	0	%100
16	M8	Z	-15.335	-15.335	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	8.253	8.253	0	%100
20	M10	Z	-14.294	-14.294	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	8.853	8.853	0	%100
24	M12	Z	-15.335	-15.335	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,%]
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	8.853	8.853	0	%100
28	M14	Z	-15.335	-15.335	0	%100
29	M15	X	8.853	8.853	0	%100
30	M15	Z	-15.335	-15.335	0	%100
31	M16	X	4.138	4.138	0	%100
32	M16	Z	-7.166	-7.166	0	%100
33	M17	X	4.138	4.138	0	%100
34	M17	Z	-7.166	-7.166	0	%100
35	M18	X	4.138	4.138	0	%100
36	M18	Z	-7.166	-7.166	0	%100
37	M19	X	4.138	4.138	0	%100
38	M19	Z	-7.166	-7.166	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	4.583	4.583	0	%100
44	M22	Z	-7.937	-7.937	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	4.583	4.583	0	%100
50	M25	Z	-7.937	-7.937	0	%100
51	M26	X	4.583	4.583	0	%100
52	M26	Z	-7.937	-7.937	0	%100
53	M27	X	4.583	4.583	0	%100
54	M27	Z	-7.937	-7.937	0	%100
55	M28	X	2.751	2.751	0	%100
56	M28	Z	-4.765	-4.765	0	%100
57	M29	X	8.406	8.406	0	%100
58	M29	Z	-14.559	-14.559	0	%100
59	M30	X	2.751	2.751	0	%100
60	M30	Z	-4.765	-4.765	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	2.751	2.751	0	%100
64	M32	Z	-4.765	-4.765	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	2.751	2.751	0	%100
68	M34	Z	-4.765	-4.765	0	%100
69	M35	X	8.406	8.406	0	%100
70	M35	Z	-14.559	-14.559	0	%100
71	M36	X	11.004	11.004	0	%100
72	M36	Z	-19.059	-19.059	0	%100
73	M37	X	8.406	8.406	0	%100
74	M37	Z	-14.559	-14.559	0	%100
75	M38	X	11.004	11.004	0	%100
76	M38	Z	-19.059	-19.059	0	%100
77	M39	X	8.406	8.406	0	%100
78	M39	Z	-14.559	-14.559	0	%100
79	M40	X	3.267	3.267	0	%100
80	M40	Z	-5.658	-5.658	0	%100
81	M41	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,%]
82	M41	Z	0	0	0	%100
83	M42	X	3.267	3.267	0	%100
84	M42	Z	-5.658	-5.658	0	%100
85	OVP2	X	3.562	3.562	0	%100
86	OVP2	Z	-6.169	-6.169	0	%100
87	OVP1	X	3.562	3.562	0	%100
88	OVP1	Z	-6.169	-6.169	0	%100
89	MP1A	X	4.356	4.356	0	%100
90	MP1A	Z	-7.544	-7.544	0	%100
91	MP2A	X	5.273	5.273	0	%100
92	MP2A	Z	-9.132	-9.132	0	%100
93	MP3A	X	4.356	4.356	0	%100
94	MP3A	Z	-7.544	-7.544	0	%100
95	MP4A	X	4.356	4.356	0	%100
96	MP4A	Z	-7.544	-7.544	0	%100
97	MP1B	X	4.356	4.356	0	%100
98	MP1B	Z	-7.544	-7.544	0	%100
99	MP2B	X	5.273	5.273	0	%100
100	MP2B	Z	-9.132	-9.132	0	%100
101	MP3B	X	4.356	4.356	0	%100
102	MP3B	Z	-7.544	-7.544	0	%100
103	MP4B	X	4.356	4.356	0	%100
104	MP4B	Z	-7.544	-7.544	0	%100
105	MP1C	X	4.356	4.356	0	%100
106	MP1C	Z	-7.544	-7.544	0	%100
107	MP2C	X	5.273	5.273	0	%100
108	MP2C	Z	-9.132	-9.132	0	%100
109	MP3C	X	4.356	4.356	0	%100
110	MP3C	Z	-7.544	-7.544	0	%100
111	MP4C	X	4.356	4.356	0	%100
112	MP4C	Z	-7.544	-7.544	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	3.89	3.89	0	%100
116	M44	Z	-6.737	-6.737	0	%100
117	M45	X	3.89	3.89	0	%100
118	M45	Z	-6.737	-6.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.779	2.779	0	%100
2	M1	Z	-1.605	-1.605	0	%100
3	M2	X	2.779	2.779	0	%100
4	M2	Z	-1.605	-1.605	0	%100
5	M3	X	11.118	11.118	0	%100
6	M3	Z	-6.419	-6.419	0	%100
7	M4	X	8.469	8.469	0	%100
8	M4	Z	-4.89	-4.89	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	8.469	8.469	0	%100
12	M6	Z	-4.89	-4.89	0	%100
13	M7	X	4.765	4.765	0	%100
14	M7	Z	-2.751	-2.751	0	%100
15	M8	X	20.446	20.446	0	%100
16	M8	Z	-11.805	-11.805	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,%]
17	M9	X	5.112	5.112	0	%100
18	M9	Z	-2.951	-2.951	0	%100
19	M10	X	19.059	19.059	0	%100
20	M10	Z	-11.004	-11.004	0	%100
21	M11	X	5.112	5.112	0	%100
22	M11	Z	-2.951	-2.951	0	%100
23	M12	X	5.112	5.112	0	%100
24	M12	Z	-2.951	-2.951	0	%100
25	M13	X	4.765	4.765	0	%100
26	M13	Z	-2.751	-2.751	0	%100
27	M14	X	5.112	5.112	0	%100
28	M14	Z	-2.951	-2.951	0	%100
29	M15	X	20.446	20.446	0	%100
30	M15	Z	-11.805	-11.805	0	%100
31	M16	X	2.389	2.389	0	%100
32	M16	Z	-1.379	-1.379	0	%100
33	M17	X	2.389	2.389	0	%100
34	M17	Z	-1.379	-1.379	0	%100
35	M18	X	9.555	9.555	0	%100
36	M18	Z	-5.517	-5.517	0	%100
37	M19	X	9.555	9.555	0	%100
38	M19	Z	-5.517	-5.517	0	%100
39	M20	X	2.389	2.389	0	%100
40	M20	Z	-1.379	-1.379	0	%100
41	M21	X	2.389	2.389	0	%100
42	M21	Z	-1.379	-1.379	0	%100
43	M22	X	10.583	10.583	0	%100
44	M22	Z	-6.11	-6.11	0	%100
45	M23	X	2.646	2.646	0	%100
46	M23	Z	-1.528	-1.528	0	%100
47	M24	X	2.646	2.646	0	%100
48	M24	Z	-1.528	-1.528	0	%100
49	M25	X	2.646	2.646	0	%100
50	M25	Z	-1.528	-1.528	0	%100
51	M26	X	2.646	2.646	0	%100
52	M26	Z	-1.528	-1.528	0	%100
53	M27	X	10.583	10.583	0	%100
54	M27	Z	-6.11	-6.11	0	%100
55	M28	X	14.294	14.294	0	%100
56	M28	Z	-8.253	-8.253	0	%100
57	M29	X	19.412	19.412	0	%100
58	M29	Z	-11.207	-11.207	0	%100
59	M30	X	14.294	14.294	0	%100
60	M30	Z	-8.253	-8.253	0	%100
61	M31	X	4.853	4.853	0	%100
62	M31	Z	-2.802	-2.802	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	4.853	4.853	0	%100
66	M33	Z	-2.802	-2.802	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	4.853	4.853	0	%100
70	M35	Z	-2.802	-2.802	0	%100
71	M36	X	14.294	14.294	0	%100
72	M36	Z	-8.253	-8.253	0	%100
73	M37	X	4.853	4.853	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,%]
74	M37	Z	-2.802	-2.802	0	%100
75	M38	X	14.294	14.294	0	%100
76	M38	Z	-8.253	-8.253	0	%100
77	M39	X	19.412	19.412	0	%100
78	M39	Z	-11.207	-11.207	0	%100
79	M40	X	1.886	1.886	0	%100
80	M40	Z	-1.089	-1.089	0	%100
81	M41	X	1.886	1.886	0	%100
82	M41	Z	-1.089	-1.089	0	%100
83	M42	X	7.544	7.544	0	%100
84	M42	Z	-4.356	-4.356	0	%100
85	OVP2	X	6.169	6.169	0	%100
86	OVP2	Z	-3.562	-3.562	0	%100
87	OVP1	X	6.169	6.169	0	%100
88	OVP1	Z	-3.562	-3.562	0	%100
89	MP1A	X	7.544	7.544	0	%100
90	MP1A	Z	-4.356	-4.356	0	%100
91	MP2A	X	9.132	9.132	0	%100
92	MP2A	Z	-5.273	-5.273	0	%100
93	MP3A	X	7.544	7.544	0	%100
94	MP3A	Z	-4.356	-4.356	0	%100
95	MP4A	X	7.544	7.544	0	%100
96	MP4A	Z	-4.356	-4.356	0	%100
97	MP1B	X	7.544	7.544	0	%100
98	MP1B	Z	-4.356	-4.356	0	%100
99	MP2B	X	9.132	9.132	0	%100
100	MP2B	Z	-5.273	-5.273	0	%100
101	MP3B	X	7.544	7.544	0	%100
102	MP3B	Z	-4.356	-4.356	0	%100
103	MP4B	X	7.544	7.544	0	%100
104	MP4B	Z	-4.356	-4.356	0	%100
105	MP1C	X	7.544	7.544	0	%100
106	MP1C	Z	-4.356	-4.356	0	%100
107	MP2C	X	9.132	9.132	0	%100
108	MP2C	Z	-5.273	-5.273	0	%100
109	MP3C	X	7.544	7.544	0	%100
110	MP3C	Z	-4.356	-4.356	0	%100
111	MP4C	X	7.544	7.544	0	%100
112	MP4C	Z	-4.356	-4.356	0	%100
113	M43	X	2.246	2.246	0	%100
114	M43	Z	-1.297	-1.297	0	%100
115	M44	X	8.983	8.983	0	%100
116	M44	Z	-5.186	-5.186	0	%100
117	M45	X	2.246	2.246	0	%100
118	M45	Z	-1.297	-1.297	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	9.628	9.628	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	9.628	9.628	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	13.039	13.039	0	%100
8	M4	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,%]
9	M5	X	3.26	3.26	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	3.26	3.26	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	17.707	17.707	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	17.707	17.707	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	16.506	16.506	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	17.707	17.707	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	16.506	16.506	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	17.707	17.707	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	8.275	8.275	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	8.275	8.275	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	8.275	8.275	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	8.275	8.275	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	9.165	9.165	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	9.165	9.165	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	9.165	9.165	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	9.165	9.165	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	22.007	22.007	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	16.811	16.811	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	22.007	22.007	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	16.811	16.811	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	5.502	5.502	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	16.811	16.811	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,%]
66	M33	Z	0	0	0	%100
67	M34	X	5.502	5.502	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	5.502	5.502	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	5.502	5.502	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	16.811	16.811	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	0	0	0	%100
81	M41	X	6.533	6.533	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	6.533	6.533	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	7.124	7.124	0	%100
86	OVP2	Z	0	0	0	%100
87	OVP1	X	7.124	7.124	0	%100
88	OVP1	Z	0	0	0	%100
89	MP1A	X	8.711	8.711	0	%100
90	MP1A	Z	0	0	0	%100
91	MP2A	X	10.545	10.545	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3A	X	8.711	8.711	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	8.711	8.711	0	%100
96	MP4A	Z	0	0	0	%100
97	MP1B	X	8.711	8.711	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	10.545	10.545	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	8.711	8.711	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	8.711	8.711	0	%100
104	MP4B	Z	0	0	0	%100
105	MP1C	X	8.711	8.711	0	%100
106	MP1C	Z	0	0	0	%100
107	MP2C	X	10.545	10.545	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	8.711	8.711	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	8.711	8.711	0	%100
112	MP4C	Z	0	0	0	%100
113	M43	X	7.779	7.779	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	7.779	7.779	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	0	0	0	%100
118	M45	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	M1	X	2.779	2.779	0	%100
2	M1	Z	1.605	1.605	0	%100
3	M2	X	11.118	11.118	0	%100
4	M2	Z	6.419	6.419	0	%100
5	M3	X	2.779	2.779	0	%100
6	M3	Z	1.605	1.605	0	%100
7	M4	X	8.469	8.469	0	%100
8	M4	Z	4.89	4.89	0	%100
9	M5	X	8.469	8.469	0	%100
10	M5	Z	4.89	4.89	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	4.765	4.765	0	%100
14	M7	Z	2.751	2.751	0	%100
15	M8	X	5.112	5.112	0	%100
16	M8	Z	2.951	2.951	0	%100
17	M9	X	20.446	20.446	0	%100
18	M9	Z	11.805	11.805	0	%100
19	M10	X	4.765	4.765	0	%100
20	M10	Z	2.751	2.751	0	%100
21	M11	X	20.446	20.446	0	%100
22	M11	Z	11.805	11.805	0	%100
23	M12	X	5.112	5.112	0	%100
24	M12	Z	2.951	2.951	0	%100
25	M13	X	19.059	19.059	0	%100
26	M13	Z	11.004	11.004	0	%100
27	M14	X	5.112	5.112	0	%100
28	M14	Z	2.951	2.951	0	%100
29	M15	X	5.112	5.112	0	%100
30	M15	Z	2.951	2.951	0	%100
31	M16	X	2.389	2.389	0	%100
32	M16	Z	1.379	1.379	0	%100
33	M17	X	2.389	2.389	0	%100
34	M17	Z	1.379	1.379	0	%100
35	M18	X	2.389	2.389	0	%100
36	M18	Z	1.379	1.379	0	%100
37	M19	X	2.389	2.389	0	%100
38	M19	Z	1.379	1.379	0	%100
39	M20	X	9.555	9.555	0	%100
40	M20	Z	5.517	5.517	0	%100
41	M21	X	9.555	9.555	0	%100
42	M21	Z	5.517	5.517	0	%100
43	M22	X	2.646	2.646	0	%100
44	M22	Z	1.528	1.528	0	%100
45	M23	X	10.583	10.583	0	%100
46	M23	Z	6.11	6.11	0	%100
47	M24	X	10.583	10.583	0	%100
48	M24	Z	6.11	6.11	0	%100
49	M25	X	2.646	2.646	0	%100
50	M25	Z	1.528	1.528	0	%100
51	M26	X	2.646	2.646	0	%100
52	M26	Z	1.528	1.528	0	%100
53	M27	X	2.646	2.646	0	%100
54	M27	Z	1.528	1.528	0	%100
55	M28	X	14.294	14.294	0	%100
56	M28	Z	8.253	8.253	0	%100
57	M29	X	4.853	4.853	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	M29	Z	2.802	2.802	0	%100
59	M30	X	14.294	14.294	0	%100
60	M30	Z	8.253	8.253	0	%100
61	M31	X	19.412	19.412	0	%100
62	M31	Z	11.207	11.207	0	%100
63	M32	X	14.294	14.294	0	%100
64	M32	Z	8.253	8.253	0	%100
65	M33	X	19.412	19.412	0	%100
66	M33	Z	11.207	11.207	0	%100
67	M34	X	14.294	14.294	0	%100
68	M34	Z	8.253	8.253	0	%100
69	M35	X	4.853	4.853	0	%100
70	M35	Z	2.802	2.802	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	4.853	4.853	0	%100
74	M37	Z	2.802	2.802	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	4.853	4.853	0	%100
78	M39	Z	2.802	2.802	0	%100
79	M40	X	1.886	1.886	0	%100
80	M40	Z	1.089	1.089	0	%100
81	M41	X	7.544	7.544	0	%100
82	M41	Z	4.356	4.356	0	%100
83	M42	X	1.886	1.886	0	%100
84	M42	Z	1.089	1.089	0	%100
85	OVP2	X	6.169	6.169	0	%100
86	OVP2	Z	3.562	3.562	0	%100
87	OVP1	X	6.169	6.169	0	%100
88	OVP1	Z	3.562	3.562	0	%100
89	MP1A	X	7.544	7.544	0	%100
90	MP1A	Z	4.356	4.356	0	%100
91	MP2A	X	9.132	9.132	0	%100
92	MP2A	Z	5.273	5.273	0	%100
93	MP3A	X	7.544	7.544	0	%100
94	MP3A	Z	4.356	4.356	0	%100
95	MP4A	X	7.544	7.544	0	%100
96	MP4A	Z	4.356	4.356	0	%100
97	MP1B	X	7.544	7.544	0	%100
98	MP1B	Z	4.356	4.356	0	%100
99	MP2B	X	9.132	9.132	0	%100
100	MP2B	Z	5.273	5.273	0	%100
101	MP3B	X	7.544	7.544	0	%100
102	MP3B	Z	4.356	4.356	0	%100
103	MP4B	X	7.544	7.544	0	%100
104	MP4B	Z	4.356	4.356	0	%100
105	MP1C	X	7.544	7.544	0	%100
106	MP1C	Z	4.356	4.356	0	%100
107	MP2C	X	9.132	9.132	0	%100
108	MP2C	Z	5.273	5.273	0	%100
109	MP3C	X	7.544	7.544	0	%100
110	MP3C	Z	4.356	4.356	0	%100
111	MP4C	X	7.544	7.544	0	%100
112	MP4C	Z	4.356	4.356	0	%100
113	M43	X	8.983	8.983	0	%100
114	M43	Z	5.186	5.186	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	M44	X	2.246	2.246	0	%100
116	M44	Z	1.297	1.297	0	%100
117	M45	X	2.246	2.246	0	%100
118	M45	Z	1.297	1.297	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.814	4.814	0	%100
2	M1	Z	8.338	8.338	0	%100
3	M2	X	4.814	4.814	0	%100
4	M2	Z	8.338	8.338	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.63	1.63	0	%100
8	M4	Z	2.823	2.823	0	%100
9	M5	X	6.52	6.52	0	%100
10	M5	Z	11.292	11.292	0	%100
11	M6	X	1.63	1.63	0	%100
12	M6	Z	2.823	2.823	0	%100
13	M7	X	8.253	8.253	0	%100
14	M7	Z	14.294	14.294	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	8.853	8.853	0	%100
18	M9	Z	15.335	15.335	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	8.853	8.853	0	%100
22	M11	Z	15.335	15.335	0	%100
23	M12	X	8.853	8.853	0	%100
24	M12	Z	15.335	15.335	0	%100
25	M13	X	8.253	8.253	0	%100
26	M13	Z	14.294	14.294	0	%100
27	M14	X	8.853	8.853	0	%100
28	M14	Z	15.335	15.335	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	4.138	4.138	0	%100
32	M16	Z	7.166	7.166	0	%100
33	M17	X	4.138	4.138	0	%100
34	M17	Z	7.166	7.166	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	4.138	4.138	0	%100
40	M20	Z	7.166	7.166	0	%100
41	M21	X	4.138	4.138	0	%100
42	M21	Z	7.166	7.166	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	4.583	4.583	0	%100
46	M23	Z	7.937	7.937	0	%100
47	M24	X	4.583	4.583	0	%100
48	M24	Z	7.937	7.937	0	%100
49	M25	X	4.583	4.583	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,%]
50	M25	Z	7.937	7.937	0	%100
51	M26	X	4.583	4.583	0	%100
52	M26	Z	7.937	7.937	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	2.751	2.751	0	%100
56	M28	Z	4.765	4.765	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	2.751	2.751	0	%100
60	M30	Z	4.765	4.765	0	%100
61	M31	X	8.406	8.406	0	%100
62	M31	Z	14.559	14.559	0	%100
63	M32	X	11.004	11.004	0	%100
64	M32	Z	19.059	19.059	0	%100
65	M33	X	8.406	8.406	0	%100
66	M33	Z	14.559	14.559	0	%100
67	M34	X	11.004	11.004	0	%100
68	M34	Z	19.059	19.059	0	%100
69	M35	X	8.406	8.406	0	%100
70	M35	Z	14.559	14.559	0	%100
71	M36	X	2.751	2.751	0	%100
72	M36	Z	4.765	4.765	0	%100
73	M37	X	8.406	8.406	0	%100
74	M37	Z	14.559	14.559	0	%100
75	M38	X	2.751	2.751	0	%100
76	M38	Z	4.765	4.765	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	3.267	3.267	0	%100
80	M40	Z	5.658	5.658	0	%100
81	M41	X	3.267	3.267	0	%100
82	M41	Z	5.658	5.658	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	3.562	3.562	0	%100
86	OVP2	Z	6.169	6.169	0	%100
87	OVP1	X	3.562	3.562	0	%100
88	OVP1	Z	6.169	6.169	0	%100
89	MP1A	X	4.356	4.356	0	%100
90	MP1A	Z	7.544	7.544	0	%100
91	MP2A	X	5.273	5.273	0	%100
92	MP2A	Z	9.132	9.132	0	%100
93	MP3A	X	4.356	4.356	0	%100
94	MP3A	Z	7.544	7.544	0	%100
95	MP4A	X	4.356	4.356	0	%100
96	MP4A	Z	7.544	7.544	0	%100
97	MP1B	X	4.356	4.356	0	%100
98	MP1B	Z	7.544	7.544	0	%100
99	MP2B	X	5.273	5.273	0	%100
100	MP2B	Z	9.132	9.132	0	%100
101	MP3B	X	4.356	4.356	0	%100
102	MP3B	Z	7.544	7.544	0	%100
103	MP4B	X	4.356	4.356	0	%100
104	MP4B	Z	7.544	7.544	0	%100
105	MP1C	X	4.356	4.356	0	%100
106	MP1C	Z	7.544	7.544	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,%]
107	MP2C	X	5.273	5.273	0	%100
108	MP2C	Z	9.132	9.132	0	%100
109	MP3C	X	4.356	4.356	0	%100
110	MP3C	Z	7.544	7.544	0	%100
111	MP4C	X	4.356	4.356	0	%100
112	MP4C	Z	7.544	7.544	0	%100
113	M43	X	3.89	3.89	0	%100
114	M43	Z	6.737	6.737	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	3.89	3.89	0	%100
118	M45	Z	6.737	6.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	12.838	12.838	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	3.209	3.209	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	3.209	3.209	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	9.779	9.779	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	9.779	9.779	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	22.007	22.007	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	5.902	5.902	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	5.902	5.902	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	5.502	5.502	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	5.902	5.902	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	23.609	23.609	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	5.502	5.502	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	23.609	23.609	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	5.902	5.902	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	11.033	11.033	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	11.033	11.033	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	2.758	2.758	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	2.758	2.758	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	2.758	2.758	0	%100
41	M21	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,%]
42	M21	Z	2.758	2.758	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	3.055	3.055	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	3.055	3.055	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	3.055	3.055	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	12.22	12.22	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	12.22	12.22	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	3.055	3.055	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	5.604	5.604	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	5.604	5.604	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	16.506	16.506	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	5.604	5.604	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	16.506	16.506	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	22.415	22.415	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	16.506	16.506	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	22.415	22.415	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	16.506	16.506	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	5.604	5.604	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	8.711	8.711	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	2.178	2.178	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	2.178	2.178	0	%100
85	OVP2	X	0	0	0	%100
86	OVP2	Z	7.124	7.124	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	7.124	7.124	0	%100
89	MP1A	X	0	0	0	%100
90	MP1A	Z	8.711	8.711	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	10.545	10.545	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	8.711	8.711	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	8.711	8.711	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	8.711	8.711	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,%]
99	MP2B	X	0	0	0	%100
100	MP2B	Z	10.545	10.545	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	8.711	8.711	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	8.711	8.711	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	8.711	8.711	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	10.545	10.545	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	8.711	8.711	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	8.711	8.711	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	2.593	2.593	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	2.593	2.593	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	10.372	10.372	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.814	-4.814	0	%100
2	M1	Z	8.338	8.338	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-4.814	-4.814	0	%100
6	M3	Z	8.338	8.338	0	%100
7	M4	X	-1.63	-1.63	0	%100
8	M4	Z	2.823	2.823	0	%100
9	M5	X	-1.63	-1.63	0	%100
10	M5	Z	2.823	2.823	0	%100
11	M6	X	-6.52	-6.52	0	%100
12	M6	Z	11.292	11.292	0	%100
13	M7	X	-8.253	-8.253	0	%100
14	M7	Z	14.294	14.294	0	%100
15	M8	X	-8.853	-8.853	0	%100
16	M8	Z	15.335	15.335	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-8.253	-8.253	0	%100
20	M10	Z	14.294	14.294	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-8.853	-8.853	0	%100
24	M12	Z	15.335	15.335	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-8.853	-8.853	0	%100
28	M14	Z	15.335	15.335	0	%100
29	M15	X	-8.853	-8.853	0	%100
30	M15	Z	15.335	15.335	0	%100
31	M16	X	-4.138	-4.138	0	%100
32	M16	Z	7.166	7.166	0	%100
33	M17	X	-4.138	-4.138	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,%]
34	M17	Z	7.166	7.166	0	%100
35	M18	X	-4.138	-4.138	0	%100
36	M18	Z	7.166	7.166	0	%100
37	M19	X	-4.138	-4.138	0	%100
38	M19	Z	7.166	7.166	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-4.583	-4.583	0	%100
44	M22	Z	7.937	7.937	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-4.583	-4.583	0	%100
50	M25	Z	7.937	7.937	0	%100
51	M26	X	-4.583	-4.583	0	%100
52	M26	Z	7.937	7.937	0	%100
53	M27	X	-4.583	-4.583	0	%100
54	M27	Z	7.937	7.937	0	%100
55	M28	X	-2.751	-2.751	0	%100
56	M28	Z	4.765	4.765	0	%100
57	M29	X	-8.406	-8.406	0	%100
58	M29	Z	14.559	14.559	0	%100
59	M30	X	-2.751	-2.751	0	%100
60	M30	Z	4.765	4.765	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-2.751	-2.751	0	%100
64	M32	Z	4.765	4.765	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	-2.751	-2.751	0	%100
68	M34	Z	4.765	4.765	0	%100
69	M35	X	-8.406	-8.406	0	%100
70	M35	Z	14.559	14.559	0	%100
71	M36	X	-11.004	-11.004	0	%100
72	M36	Z	19.059	19.059	0	%100
73	M37	X	-8.406	-8.406	0	%100
74	M37	Z	14.559	14.559	0	%100
75	M38	X	-11.004	-11.004	0	%100
76	M38	Z	19.059	19.059	0	%100
77	M39	X	-8.406	-8.406	0	%100
78	M39	Z	14.559	14.559	0	%100
79	M40	X	-3.267	-3.267	0	%100
80	M40	Z	5.658	5.658	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	-3.267	-3.267	0	%100
84	M42	Z	5.658	5.658	0	%100
85	OVP2	X	-3.562	-3.562	0	%100
86	OVP2	Z	6.169	6.169	0	%100
87	OVP1	X	-3.562	-3.562	0	%100
88	OVP1	Z	6.169	6.169	0	%100
89	MP1A	X	-4.356	-4.356	0	%100
90	MP1A	Z	7.544	7.544	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,%]
91	MP2A	X	-5.273	-5.273	0	%100
92	MP2A	Z	9.132	9.132	0	%100
93	MP3A	X	-4.356	-4.356	0	%100
94	MP3A	Z	7.544	7.544	0	%100
95	MP4A	X	-4.356	-4.356	0	%100
96	MP4A	Z	7.544	7.544	0	%100
97	MP1B	X	-4.356	-4.356	0	%100
98	MP1B	Z	7.544	7.544	0	%100
99	MP2B	X	-5.273	-5.273	0	%100
100	MP2B	Z	9.132	9.132	0	%100
101	MP3B	X	-4.356	-4.356	0	%100
102	MP3B	Z	7.544	7.544	0	%100
103	MP4B	X	-4.356	-4.356	0	%100
104	MP4B	Z	7.544	7.544	0	%100
105	MP1C	X	-4.356	-4.356	0	%100
106	MP1C	Z	7.544	7.544	0	%100
107	MP2C	X	-5.273	-5.273	0	%100
108	MP2C	Z	9.132	9.132	0	%100
109	MP3C	X	-4.356	-4.356	0	%100
110	MP3C	Z	7.544	7.544	0	%100
111	MP4C	X	-4.356	-4.356	0	%100
112	MP4C	Z	7.544	7.544	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	-3.89	-3.89	0	%100
116	M44	Z	6.737	6.737	0	%100
117	M45	X	-3.89	-3.89	0	%100
118	M45	Z	6.737	6.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.779	-2.779	0	%100
2	M1	Z	1.605	1.605	0	%100
3	M2	X	-2.779	-2.779	0	%100
4	M2	Z	1.605	1.605	0	%100
5	M3	X	-11.118	-11.118	0	%100
6	M3	Z	6.419	6.419	0	%100
7	M4	X	-8.469	-8.469	0	%100
8	M4	Z	4.89	4.89	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-8.469	-8.469	0	%100
12	M6	Z	4.89	4.89	0	%100
13	M7	X	-4.765	-4.765	0	%100
14	M7	Z	2.751	2.751	0	%100
15	M8	X	-20.446	-20.446	0	%100
16	M8	Z	11.805	11.805	0	%100
17	M9	X	-5.112	-5.112	0	%100
18	M9	Z	2.951	2.951	0	%100
19	M10	X	-19.059	-19.059	0	%100
20	M10	Z	11.004	11.004	0	%100
21	M11	X	-5.112	-5.112	0	%100
22	M11	Z	2.951	2.951	0	%100
23	M12	X	-5.112	-5.112	0	%100
24	M12	Z	2.951	2.951	0	%100
25	M13	X	-4.765	-4.765	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,%]
26	M13	Z	2.751	2.751	0	%100
27	M14	X	-5.112	-5.112	0	%100
28	M14	Z	2.951	2.951	0	%100
29	M15	X	-20.446	-20.446	0	%100
30	M15	Z	11.805	11.805	0	%100
31	M16	X	-2.389	-2.389	0	%100
32	M16	Z	1.379	1.379	0	%100
33	M17	X	-2.389	-2.389	0	%100
34	M17	Z	1.379	1.379	0	%100
35	M18	X	-9.555	-9.555	0	%100
36	M18	Z	5.517	5.517	0	%100
37	M19	X	-9.555	-9.555	0	%100
38	M19	Z	5.517	5.517	0	%100
39	M20	X	-2.389	-2.389	0	%100
40	M20	Z	1.379	1.379	0	%100
41	M21	X	-2.389	-2.389	0	%100
42	M21	Z	1.379	1.379	0	%100
43	M22	X	-10.583	-10.583	0	%100
44	M22	Z	6.11	6.11	0	%100
45	M23	X	-2.646	-2.646	0	%100
46	M23	Z	1.528	1.528	0	%100
47	M24	X	-2.646	-2.646	0	%100
48	M24	Z	1.528	1.528	0	%100
49	M25	X	-2.646	-2.646	0	%100
50	M25	Z	1.528	1.528	0	%100
51	M26	X	-2.646	-2.646	0	%100
52	M26	Z	1.528	1.528	0	%100
53	M27	X	-10.583	-10.583	0	%100
54	M27	Z	6.11	6.11	0	%100
55	M28	X	-14.294	-14.294	0	%100
56	M28	Z	8.253	8.253	0	%100
57	M29	X	-19.412	-19.412	0	%100
58	M29	Z	11.207	11.207	0	%100
59	M30	X	-14.294	-14.294	0	%100
60	M30	Z	8.253	8.253	0	%100
61	M31	X	-4.853	-4.853	0	%100
62	M31	Z	2.802	2.802	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-4.853	-4.853	0	%100
66	M33	Z	2.802	2.802	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	-4.853	-4.853	0	%100
70	M35	Z	2.802	2.802	0	%100
71	M36	X	-14.294	-14.294	0	%100
72	M36	Z	8.253	8.253	0	%100
73	M37	X	-4.853	-4.853	0	%100
74	M37	Z	2.802	2.802	0	%100
75	M38	X	-14.294	-14.294	0	%100
76	M38	Z	8.253	8.253	0	%100
77	M39	X	-19.412	-19.412	0	%100
78	M39	Z	11.207	11.207	0	%100
79	M40	X	-1.886	-1.886	0	%100
80	M40	Z	1.089	1.089	0	%100
81	M41	X	-1.886	-1.886	0	%100
82	M41	Z	1.089	1.089	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,%]
83	M42	X	-7.544	-7.544	0	%100
84	M42	Z	4.356	4.356	0	%100
85	OVP2	X	-6.169	-6.169	0	%100
86	OVP2	Z	3.562	3.562	0	%100
87	OVP1	X	-6.169	-6.169	0	%100
88	OVP1	Z	3.562	3.562	0	%100
89	MP1A	X	-7.544	-7.544	0	%100
90	MP1A	Z	4.356	4.356	0	%100
91	MP2A	X	-9.132	-9.132	0	%100
92	MP2A	Z	5.273	5.273	0	%100
93	MP3A	X	-7.544	-7.544	0	%100
94	MP3A	Z	4.356	4.356	0	%100
95	MP4A	X	-7.544	-7.544	0	%100
96	MP4A	Z	4.356	4.356	0	%100
97	MP1B	X	-7.544	-7.544	0	%100
98	MP1B	Z	4.356	4.356	0	%100
99	MP2B	X	-9.132	-9.132	0	%100
100	MP2B	Z	5.273	5.273	0	%100
101	MP3B	X	-7.544	-7.544	0	%100
102	MP3B	Z	4.356	4.356	0	%100
103	MP4B	X	-7.544	-7.544	0	%100
104	MP4B	Z	4.356	4.356	0	%100
105	MP1C	X	-7.544	-7.544	0	%100
106	MP1C	Z	4.356	4.356	0	%100
107	MP2C	X	-9.132	-9.132	0	%100
108	MP2C	Z	5.273	5.273	0	%100
109	MP3C	X	-7.544	-7.544	0	%100
110	MP3C	Z	4.356	4.356	0	%100
111	MP4C	X	-7.544	-7.544	0	%100
112	MP4C	Z	4.356	4.356	0	%100
113	M43	X	-2.246	-2.246	0	%100
114	M43	Z	1.297	1.297	0	%100
115	M44	X	-8.983	-8.983	0	%100
116	M44	Z	5.186	5.186	0	%100
117	M45	X	-2.246	-2.246	0	%100
118	M45	Z	1.297	1.297	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-9.628	-9.628	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-9.628	-9.628	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-13.039	-13.039	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-3.26	-3.26	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-3.26	-3.26	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-17.707	-17.707	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-17.707	-17.707	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,%]
18	M9	Z	0	0	0	%100
19	M10	X	-16.506	-16.506	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-17.707	-17.707	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-16.506	-16.506	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-17.707	-17.707	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-8.275	-8.275	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-8.275	-8.275	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-8.275	-8.275	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-8.275	-8.275	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-9.165	-9.165	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-9.165	-9.165	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-9.165	-9.165	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-9.165	-9.165	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-22.007	-22.007	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-16.811	-16.811	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-22.007	-22.007	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-16.811	-16.811	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-5.502	-5.502	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-16.811	-16.811	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	-5.502	-5.502	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	-5.502	-5.502	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	0	0	0	%100
74	M37	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,%]
75	M38	X	-5.502	-5.502	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	-16.811	-16.811	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	0	0	0	%100
81	M41	X	-6.533	-6.533	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	-6.533	-6.533	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	-7.124	-7.124	0	%100
86	OVP2	Z	0	0	0	%100
87	OVP1	X	-7.124	-7.124	0	%100
88	OVP1	Z	0	0	0	%100
89	MP1A	X	-8.711	-8.711	0	%100
90	MP1A	Z	0	0	0	%100
91	MP2A	X	-10.545	-10.545	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3A	X	-8.711	-8.711	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	-8.711	-8.711	0	%100
96	MP4A	Z	0	0	0	%100
97	MP1B	X	-8.711	-8.711	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-10.545	-10.545	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-8.711	-8.711	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-8.711	-8.711	0	%100
104	MP4B	Z	0	0	0	%100
105	MP1C	X	-8.711	-8.711	0	%100
106	MP1C	Z	0	0	0	%100
107	MP2C	X	-10.545	-10.545	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-8.711	-8.711	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-8.711	-8.711	0	%100
112	MP4C	Z	0	0	0	%100
113	M43	X	-7.779	-7.779	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	-7.779	-7.779	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.779	-2.779	0	%100
2	M1	Z	-1.605	-1.605	0	%100
3	M2	X	-11.118	-11.118	0	%100
4	M2	Z	-6.419	-6.419	0	%100
5	M3	X	-2.779	-2.779	0	%100
6	M3	Z	-1.605	-1.605	0	%100
7	M4	X	-8.469	-8.469	0	%100
8	M4	Z	-4.89	-4.89	0	%100
9	M5	X	-8.469	-8.469	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,%]
10	M5	Z	-4.89	-4.89	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-4.765	-4.765	0	%100
14	M7	Z	-2.751	-2.751	0	%100
15	M8	X	-5.112	-5.112	0	%100
16	M8	Z	-2.951	-2.951	0	%100
17	M9	X	-20.446	-20.446	0	%100
18	M9	Z	-11.805	-11.805	0	%100
19	M10	X	-4.765	-4.765	0	%100
20	M10	Z	-2.751	-2.751	0	%100
21	M11	X	-20.446	-20.446	0	%100
22	M11	Z	-11.805	-11.805	0	%100
23	M12	X	-5.112	-5.112	0	%100
24	M12	Z	-2.951	-2.951	0	%100
25	M13	X	-19.059	-19.059	0	%100
26	M13	Z	-11.004	-11.004	0	%100
27	M14	X	-5.112	-5.112	0	%100
28	M14	Z	-2.951	-2.951	0	%100
29	M15	X	-5.112	-5.112	0	%100
30	M15	Z	-2.951	-2.951	0	%100
31	M16	X	-2.389	-2.389	0	%100
32	M16	Z	-1.379	-1.379	0	%100
33	M17	X	-2.389	-2.389	0	%100
34	M17	Z	-1.379	-1.379	0	%100
35	M18	X	-2.389	-2.389	0	%100
36	M18	Z	-1.379	-1.379	0	%100
37	M19	X	-2.389	-2.389	0	%100
38	M19	Z	-1.379	-1.379	0	%100
39	M20	X	-9.555	-9.555	0	%100
40	M20	Z	-5.517	-5.517	0	%100
41	M21	X	-9.555	-9.555	0	%100
42	M21	Z	-5.517	-5.517	0	%100
43	M22	X	-2.646	-2.646	0	%100
44	M22	Z	-1.528	-1.528	0	%100
45	M23	X	-10.583	-10.583	0	%100
46	M23	Z	-6.11	-6.11	0	%100
47	M24	X	-10.583	-10.583	0	%100
48	M24	Z	-6.11	-6.11	0	%100
49	M25	X	-2.646	-2.646	0	%100
50	M25	Z	-1.528	-1.528	0	%100
51	M26	X	-2.646	-2.646	0	%100
52	M26	Z	-1.528	-1.528	0	%100
53	M27	X	-2.646	-2.646	0	%100
54	M27	Z	-1.528	-1.528	0	%100
55	M28	X	-14.294	-14.294	0	%100
56	M28	Z	-8.253	-8.253	0	%100
57	M29	X	-4.853	-4.853	0	%100
58	M29	Z	-2.802	-2.802	0	%100
59	M30	X	-14.294	-14.294	0	%100
60	M30	Z	-8.253	-8.253	0	%100
61	M31	X	-19.412	-19.412	0	%100
62	M31	Z	-11.207	-11.207	0	%100
63	M32	X	-14.294	-14.294	0	%100
64	M32	Z	-8.253	-8.253	0	%100
65	M33	X	-19.412	-19.412	0	%100
66	M33	Z	-11.207	-11.207	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,%]
67	M34	X	-14.294	-14.294	0	%100
68	M34	Z	-8.253	-8.253	0	%100
69	M35	X	-4.853	-4.853	0	%100
70	M35	Z	-2.802	-2.802	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	-4.853	-4.853	0	%100
74	M37	Z	-2.802	-2.802	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	-4.853	-4.853	0	%100
78	M39	Z	-2.802	-2.802	0	%100
79	M40	X	-1.886	-1.886	0	%100
80	M40	Z	-1.089	-1.089	0	%100
81	M41	X	-7.544	-7.544	0	%100
82	M41	Z	-4.356	-4.356	0	%100
83	M42	X	-1.886	-1.886	0	%100
84	M42	Z	-1.089	-1.089	0	%100
85	OVP2	X	-6.169	-6.169	0	%100
86	OVP2	Z	-3.562	-3.562	0	%100
87	OVP1	X	-6.169	-6.169	0	%100
88	OVP1	Z	-3.562	-3.562	0	%100
89	MP1A	X	-7.544	-7.544	0	%100
90	MP1A	Z	-4.356	-4.356	0	%100
91	MP2A	X	-9.132	-9.132	0	%100
92	MP2A	Z	-5.273	-5.273	0	%100
93	MP3A	X	-7.544	-7.544	0	%100
94	MP3A	Z	-4.356	-4.356	0	%100
95	MP4A	X	-7.544	-7.544	0	%100
96	MP4A	Z	-4.356	-4.356	0	%100
97	MP1B	X	-7.544	-7.544	0	%100
98	MP1B	Z	-4.356	-4.356	0	%100
99	MP2B	X	-9.132	-9.132	0	%100
100	MP2B	Z	-5.273	-5.273	0	%100
101	MP3B	X	-7.544	-7.544	0	%100
102	MP3B	Z	-4.356	-4.356	0	%100
103	MP4B	X	-7.544	-7.544	0	%100
104	MP4B	Z	-4.356	-4.356	0	%100
105	MP1C	X	-7.544	-7.544	0	%100
106	MP1C	Z	-4.356	-4.356	0	%100
107	MP2C	X	-9.132	-9.132	0	%100
108	MP2C	Z	-5.273	-5.273	0	%100
109	MP3C	X	-7.544	-7.544	0	%100
110	MP3C	Z	-4.356	-4.356	0	%100
111	MP4C	X	-7.544	-7.544	0	%100
112	MP4C	Z	-4.356	-4.356	0	%100
113	M43	X	-8.983	-8.983	0	%100
114	M43	Z	-5.186	-5.186	0	%100
115	M44	X	-2.246	-2.246	0	%100
116	M44	Z	-1.297	-1.297	0	%100
117	M45	X	-2.246	-2.246	0	%100
118	M45	Z	-1.297	-1.297	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.814	-4.814	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,%]
2	M1	Z	-8.338	-8.338	0	%100
3	M2	X	-4.814	-4.814	0	%100
4	M2	Z	-8.338	-8.338	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.63	-1.63	0	%100
8	M4	Z	-2.823	-2.823	0	%100
9	M5	X	-6.52	-6.52	0	%100
10	M5	Z	-11.292	-11.292	0	%100
11	M6	X	-1.63	-1.63	0	%100
12	M6	Z	-2.823	-2.823	0	%100
13	M7	X	-8.253	-8.253	0	%100
14	M7	Z	-14.294	-14.294	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-8.853	-8.853	0	%100
18	M9	Z	-15.335	-15.335	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-8.853	-8.853	0	%100
22	M11	Z	-15.335	-15.335	0	%100
23	M12	X	-8.853	-8.853	0	%100
24	M12	Z	-15.335	-15.335	0	%100
25	M13	X	-8.253	-8.253	0	%100
26	M13	Z	-14.294	-14.294	0	%100
27	M14	X	-8.853	-8.853	0	%100
28	M14	Z	-15.335	-15.335	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-4.138	-4.138	0	%100
32	M16	Z	-7.166	-7.166	0	%100
33	M17	X	-4.138	-4.138	0	%100
34	M17	Z	-7.166	-7.166	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-4.138	-4.138	0	%100
40	M20	Z	-7.166	-7.166	0	%100
41	M21	X	-4.138	-4.138	0	%100
42	M21	Z	-7.166	-7.166	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-4.583	-4.583	0	%100
46	M23	Z	-7.937	-7.937	0	%100
47	M24	X	-4.583	-4.583	0	%100
48	M24	Z	-7.937	-7.937	0	%100
49	M25	X	-4.583	-4.583	0	%100
50	M25	Z	-7.937	-7.937	0	%100
51	M26	X	-4.583	-4.583	0	%100
52	M26	Z	-7.937	-7.937	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-2.751	-2.751	0	%100
56	M28	Z	-4.765	-4.765	0	%100
57	M29	X	0	0	0	%100
58	M29	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,%]
59	M30	X	-2.751	-2.751	0	%100
60	M30	Z	-4.765	-4.765	0	%100
61	M31	X	-8.406	-8.406	0	%100
62	M31	Z	-14.559	-14.559	0	%100
63	M32	X	-11.004	-11.004	0	%100
64	M32	Z	-19.059	-19.059	0	%100
65	M33	X	-8.406	-8.406	0	%100
66	M33	Z	-14.559	-14.559	0	%100
67	M34	X	-11.004	-11.004	0	%100
68	M34	Z	-19.059	-19.059	0	%100
69	M35	X	-8.406	-8.406	0	%100
70	M35	Z	-14.559	-14.559	0	%100
71	M36	X	-2.751	-2.751	0	%100
72	M36	Z	-4.765	-4.765	0	%100
73	M37	X	-8.406	-8.406	0	%100
74	M37	Z	-14.559	-14.559	0	%100
75	M38	X	-2.751	-2.751	0	%100
76	M38	Z	-4.765	-4.765	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	-3.267	-3.267	0	%100
80	M40	Z	-5.658	-5.658	0	%100
81	M41	X	-3.267	-3.267	0	%100
82	M41	Z	-5.658	-5.658	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	-3.562	-3.562	0	%100
86	OVP2	Z	-6.169	-6.169	0	%100
87	OVP1	X	-3.562	-3.562	0	%100
88	OVP1	Z	-6.169	-6.169	0	%100
89	MP1A	X	-4.356	-4.356	0	%100
90	MP1A	Z	-7.544	-7.544	0	%100
91	MP2A	X	-5.273	-5.273	0	%100
92	MP2A	Z	-9.132	-9.132	0	%100
93	MP3A	X	-4.356	-4.356	0	%100
94	MP3A	Z	-7.544	-7.544	0	%100
95	MP4A	X	-4.356	-4.356	0	%100
96	MP4A	Z	-7.544	-7.544	0	%100
97	MP1B	X	-4.356	-4.356	0	%100
98	MP1B	Z	-7.544	-7.544	0	%100
99	MP2B	X	-5.273	-5.273	0	%100
100	MP2B	Z	-9.132	-9.132	0	%100
101	MP3B	X	-4.356	-4.356	0	%100
102	MP3B	Z	-7.544	-7.544	0	%100
103	MP4B	X	-4.356	-4.356	0	%100
104	MP4B	Z	-7.544	-7.544	0	%100
105	MP1C	X	-4.356	-4.356	0	%100
106	MP1C	Z	-7.544	-7.544	0	%100
107	MP2C	X	-5.273	-5.273	0	%100
108	MP2C	Z	-9.132	-9.132	0	%100
109	MP3C	X	-4.356	-4.356	0	%100
110	MP3C	Z	-7.544	-7.544	0	%100
111	MP4C	X	-4.356	-4.356	0	%100
112	MP4C	Z	-7.544	-7.544	0	%100
113	M43	X	-3.89	-3.89	0	%100
114	M43	Z	-6.737	-6.737	0	%100
115	M44	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
116	M44	Z	0	0	0	%100
117	M45	X	-3.89	-3.89	0	%100
118	M45	Z	-6.737	-6.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-4.461	-4.461	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.115	-1.115	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.115	-1.115	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-3.194	-3.194	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-3.194	-3.194	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-5.26	-5.26	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-1.374	-1.374	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.374	-1.374	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-1.315	-1.315	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-1.374	-1.374	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-5.497	-5.497	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-1.315	-1.315	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-5.497	-5.497	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-1.374	-1.374	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-3.486	-3.486	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-3.486	-3.486	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-.872	-.872	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.872	-.872	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-.872	-.872	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-.872	-.872	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-.99	-.99	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-.99	-.99	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-.99	-.99	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-3.961	-3.961	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,%]
51	M26	X	0	0	0	%100
52	M26	Z	-3.961	-3.961	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-.99	-.99	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-1.321	-1.321	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-1.321	-1.321	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-3.907	-3.907	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-1.321	-1.321	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	-3.907	-3.907	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	-5.282	-5.282	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	-3.907	-3.907	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	-5.282	-5.282	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	-3.907	-3.907	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	-1.321	-1.321	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	-3.72	-3.72	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	-.93	-.93	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	-.93	-.93	0	%100
85	OVP2	X	0	0	0	%100
86	OVP2	Z	-2.876	-2.876	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	-2.876	-2.876	0	%100
89	MP1A	X	0	0	0	%100
90	MP1A	Z	-3.72	-3.72	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-4.049	-4.049	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-3.72	-3.72	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-3.72	-3.72	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-3.72	-3.72	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-4.049	-4.049	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-3.72	-3.72	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-3.72	-3.72	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	-3.72	-3.72	0	%100
107	MP2C	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,%]
108	MP2C	Z	-4.049	-4.049	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-3.72	-3.72	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-3.72	-3.72	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	-.801	-.801	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	-.801	-.801	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	-3.204	-3.204	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	M1	X	1.673	1.673	0	%100
2	M1	Z	-2.897	-2.897	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.673	1.673	0	%100
6	M3	Z	-2.897	-2.897	0	%100
7	M4	X	.532	.532	0	%100
8	M4	Z	-.922	-.922	0	%100
9	M5	X	.532	.532	0	%100
10	M5	Z	-.922	-.922	0	%100
11	M6	X	2.129	2.129	0	%100
12	M6	Z	-3.688	-3.688	0	%100
13	M7	X	1.973	1.973	0	%100
14	M7	Z	-3.417	-3.417	0	%100
15	M8	X	2.061	2.061	0	%100
16	M8	Z	-3.57	-3.57	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	1.973	1.973	0	%100
20	M10	Z	-3.417	-3.417	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	2.061	2.061	0	%100
24	M12	Z	-3.57	-3.57	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	2.061	2.061	0	%100
28	M14	Z	-3.57	-3.57	0	%100
29	M15	X	2.061	2.061	0	%100
30	M15	Z	-3.57	-3.57	0	%100
31	M16	X	1.307	1.307	0	%100
32	M16	Z	-2.264	-2.264	0	%100
33	M17	X	1.307	1.307	0	%100
34	M17	Z	-2.264	-2.264	0	%100
35	M18	X	1.307	1.307	0	%100
36	M18	Z	-2.264	-2.264	0	%100
37	M19	X	1.307	1.307	0	%100
38	M19	Z	-2.264	-2.264	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	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,%]
43	M22	X	1.485	1.485	0	%100
44	M22	Z	-2.573	-2.573	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	1.485	1.485	0	%100
50	M25	Z	-2.573	-2.573	0	%100
51	M26	X	1.485	1.485	0	%100
52	M26	Z	-2.573	-2.573	0	%100
53	M27	X	1.485	1.485	0	%100
54	M27	Z	-2.573	-2.573	0	%100
55	M28	X	.651	.651	0	%100
56	M28	Z	-1.128	-1.128	0	%100
57	M29	X	1.981	1.981	0	%100
58	M29	Z	-3.431	-3.431	0	%100
59	M30	X	.651	.651	0	%100
60	M30	Z	-1.128	-1.128	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	.651	.651	0	%100
64	M32	Z	-1.128	-1.128	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	.651	.651	0	%100
68	M34	Z	-1.128	-1.128	0	%100
69	M35	X	1.981	1.981	0	%100
70	M35	Z	-3.431	-3.431	0	%100
71	M36	X	2.604	2.604	0	%100
72	M36	Z	-4.511	-4.511	0	%100
73	M37	X	1.981	1.981	0	%100
74	M37	Z	-3.431	-3.431	0	%100
75	M38	X	2.604	2.604	0	%100
76	M38	Z	-4.511	-4.511	0	%100
77	M39	X	1.981	1.981	0	%100
78	M39	Z	-3.431	-3.431	0	%100
79	M40	X	1.395	1.395	0	%100
80	M40	Z	-2.416	-2.416	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	1.395	1.395	0	%100
84	M42	Z	-2.416	-2.416	0	%100
85	OVP2	X	1.438	1.438	0	%100
86	OVP2	Z	-2.491	-2.491	0	%100
87	OVP1	X	1.438	1.438	0	%100
88	OVP1	Z	-2.491	-2.491	0	%100
89	MP1A	X	1.86	1.86	0	%100
90	MP1A	Z	-3.222	-3.222	0	%100
91	MP2A	X	2.025	2.025	0	%100
92	MP2A	Z	-3.507	-3.507	0	%100
93	MP3A	X	1.86	1.86	0	%100
94	MP3A	Z	-3.222	-3.222	0	%100
95	MP4A	X	1.86	1.86	0	%100
96	MP4A	Z	-3.222	-3.222	0	%100
97	MP1B	X	1.86	1.86	0	%100
98	MP1B	Z	-3.222	-3.222	0	%100
99	MP2B	X	2.025	2.025	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,%]
100	MP2B	Z	-3.507	-3.507	0	%100
101	MP3B	X	1.86	1.86	0	%100
102	MP3B	Z	-3.222	-3.222	0	%100
103	MP4B	X	1.86	1.86	0	%100
104	MP4B	Z	-3.222	-3.222	0	%100
105	MP1C	X	1.86	1.86	0	%100
106	MP1C	Z	-3.222	-3.222	0	%100
107	MP2C	X	2.025	2.025	0	%100
108	MP2C	Z	-3.507	-3.507	0	%100
109	MP3C	X	1.86	1.86	0	%100
110	MP3C	Z	-3.222	-3.222	0	%100
111	MP4C	X	1.86	1.86	0	%100
112	MP4C	Z	-3.222	-3.222	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	1.202	1.202	0	%100
116	M44	Z	-2.081	-2.081	0	%100
117	M45	X	1.202	1.202	0	%100
118	M45	Z	-2.081	-2.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.966	.966	0	%100
2	M1	Z	-.558	-.558	0	%100
3	M2	X	.966	.966	0	%100
4	M2	Z	-.558	-.558	0	%100
5	M3	X	3.863	3.863	0	%100
6	M3	Z	-2.23	-2.23	0	%100
7	M4	X	2.766	2.766	0	%100
8	M4	Z	-1.597	-1.597	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	2.766	2.766	0	%100
12	M6	Z	-1.597	-1.597	0	%100
13	M7	X	1.139	1.139	0	%100
14	M7	Z	-.658	-.658	0	%100
15	M8	X	4.76	4.76	0	%100
16	M8	Z	-2.748	-2.748	0	%100
17	M9	X	1.19	1.19	0	%100
18	M9	Z	-.687	-.687	0	%100
19	M10	X	4.555	4.555	0	%100
20	M10	Z	-2.63	-2.63	0	%100
21	M11	X	1.19	1.19	0	%100
22	M11	Z	-.687	-.687	0	%100
23	M12	X	1.19	1.19	0	%100
24	M12	Z	-.687	-.687	0	%100
25	M13	X	1.139	1.139	0	%100
26	M13	Z	-.658	-.658	0	%100
27	M14	X	1.19	1.19	0	%100
28	M14	Z	-.687	-.687	0	%100
29	M15	X	4.76	4.76	0	%100
30	M15	Z	-2.748	-2.748	0	%100
31	M16	X	.755	.755	0	%100
32	M16	Z	-.436	-.436	0	%100
33	M17	X	.755	.755	0	%100
34	M17	Z	-.436	-.436	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,%]
35	M18	X	3.019	3.019	0	%100
36	M18	Z	-1.743	-1.743	0	%100
37	M19	X	3.019	3.019	0	%100
38	M19	Z	-1.743	-1.743	0	%100
39	M20	X	.755	.755	0	%100
40	M20	Z	-.436	-.436	0	%100
41	M21	X	.755	.755	0	%100
42	M21	Z	-.436	-.436	0	%100
43	M22	X	3.43	3.43	0	%100
44	M22	Z	-1.98	-1.98	0	%100
45	M23	X	.858	.858	0	%100
46	M23	Z	-.495	-.495	0	%100
47	M24	X	.858	.858	0	%100
48	M24	Z	-.495	-.495	0	%100
49	M25	X	.858	.858	0	%100
50	M25	Z	-.495	-.495	0	%100
51	M26	X	.858	.858	0	%100
52	M26	Z	-.495	-.495	0	%100
53	M27	X	3.43	3.43	0	%100
54	M27	Z	-1.98	-1.98	0	%100
55	M28	X	3.383	3.383	0	%100
56	M28	Z	-1.953	-1.953	0	%100
57	M29	X	4.574	4.574	0	%100
58	M29	Z	-2.641	-2.641	0	%100
59	M30	X	3.383	3.383	0	%100
60	M30	Z	-1.953	-1.953	0	%100
61	M31	X	1.144	1.144	0	%100
62	M31	Z	-.66	-.66	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	1.144	1.144	0	%100
66	M33	Z	-.66	-.66	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	1.144	1.144	0	%100
70	M35	Z	-.66	-.66	0	%100
71	M36	X	3.383	3.383	0	%100
72	M36	Z	-1.953	-1.953	0	%100
73	M37	X	1.144	1.144	0	%100
74	M37	Z	-.66	-.66	0	%100
75	M38	X	3.383	3.383	0	%100
76	M38	Z	-1.953	-1.953	0	%100
77	M39	X	4.574	4.574	0	%100
78	M39	Z	-2.641	-2.641	0	%100
79	M40	X	.805	.805	0	%100
80	M40	Z	-.465	-.465	0	%100
81	M41	X	.805	.805	0	%100
82	M41	Z	-.465	-.465	0	%100
83	M42	X	3.222	3.222	0	%100
84	M42	Z	-1.86	-1.86	0	%100
85	OVP2	X	2.491	2.491	0	%100
86	OVP2	Z	-1.438	-1.438	0	%100
87	OVP1	X	2.491	2.491	0	%100
88	OVP1	Z	-1.438	-1.438	0	%100
89	MP1A	X	3.222	3.222	0	%100
90	MP1A	Z	-1.86	-1.86	0	%100
91	MP2A	X	3.507	3.507	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,%]
92	MP2A	Z	-2.025	-2.025	0	%100
93	MP3A	X	3.222	3.222	0	%100
94	MP3A	Z	-1.86	-1.86	0	%100
95	MP4A	X	3.222	3.222	0	%100
96	MP4A	Z	-1.86	-1.86	0	%100
97	MP1B	X	3.222	3.222	0	%100
98	MP1B	Z	-1.86	-1.86	0	%100
99	MP2B	X	3.507	3.507	0	%100
100	MP2B	Z	-2.025	-2.025	0	%100
101	MP3B	X	3.222	3.222	0	%100
102	MP3B	Z	-1.86	-1.86	0	%100
103	MP4B	X	3.222	3.222	0	%100
104	MP4B	Z	-1.86	-1.86	0	%100
105	MP1C	X	3.222	3.222	0	%100
106	MP1C	Z	-1.86	-1.86	0	%100
107	MP2C	X	3.507	3.507	0	%100
108	MP2C	Z	-2.025	-2.025	0	%100
109	MP3C	X	3.222	3.222	0	%100
110	MP3C	Z	-1.86	-1.86	0	%100
111	MP4C	X	3.222	3.222	0	%100
112	MP4C	Z	-1.86	-1.86	0	%100
113	M43	X	.694	.694	0	%100
114	M43	Z	-.401	-.401	0	%100
115	M44	X	2.775	2.775	0	%100
116	M44	Z	-1.602	-1.602	0	%100
117	M45	X	.694	.694	0	%100
118	M45	Z	-.401	-.401	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	3.346	3.346	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	3.346	3.346	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.258	4.258	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.065	1.065	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.065	1.065	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	4.122	4.122	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	4.122	4.122	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	3.945	3.945	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	4.122	4.122	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	3.945	3.945	0	%100
26	M13	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,%]
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	4.122	4.122	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	2.615	2.615	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	2.615	2.615	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	2.615	2.615	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	2.615	2.615	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	2.971	2.971	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	2.971	2.971	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	2.971	2.971	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	2.971	2.971	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	5.209	5.209	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	3.962	3.962	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	5.209	5.209	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	3.962	3.962	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	1.302	1.302	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	3.962	3.962	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	1.302	1.302	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	1.302	1.302	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	1.302	1.302	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	3.962	3.962	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	0	0	0	%100
81	M41	X	2.79	2.79	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	2.79	2.79	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,%]
84	M42	Z	0	0	0	%100
85	OVP2	X	2.876	2.876	0	%100
86	OVP2	Z	0	0	0	%100
87	OVP1	X	2.876	2.876	0	%100
88	OVP1	Z	0	0	0	%100
89	MP1A	X	3.72	3.72	0	%100
90	MP1A	Z	0	0	0	%100
91	MP2A	X	4.049	4.049	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3A	X	3.72	3.72	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	3.72	3.72	0	%100
96	MP4A	Z	0	0	0	%100
97	MP1B	X	3.72	3.72	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	4.049	4.049	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	3.72	3.72	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	3.72	3.72	0	%100
104	MP4B	Z	0	0	0	%100
105	MP1C	X	3.72	3.72	0	%100
106	MP1C	Z	0	0	0	%100
107	MP2C	X	4.049	4.049	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	3.72	3.72	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	3.72	3.72	0	%100
112	MP4C	Z	0	0	0	%100
113	M43	X	2.403	2.403	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	2.403	2.403	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.966	.966	0	%100
2	M1	Z	.558	.558	0	%100
3	M2	X	3.863	3.863	0	%100
4	M2	Z	2.23	2.23	0	%100
5	M3	X	.966	.966	0	%100
6	M3	Z	.558	.558	0	%100
7	M4	X	2.766	2.766	0	%100
8	M4	Z	1.597	1.597	0	%100
9	M5	X	2.766	2.766	0	%100
10	M5	Z	1.597	1.597	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	1.139	1.139	0	%100
14	M7	Z	.658	.658	0	%100
15	M8	X	1.19	1.19	0	%100
16	M8	Z	.687	.687	0	%100
17	M9	X	4.76	4.76	0	%100
18	M9	Z	2.748	2.748	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,%]
19	M10	X	1.139	1.139	0	%100
20	M10	Z	.658	.658	0	%100
21	M11	X	4.76	4.76	0	%100
22	M11	Z	2.748	2.748	0	%100
23	M12	X	1.19	1.19	0	%100
24	M12	Z	.687	.687	0	%100
25	M13	X	4.555	4.555	0	%100
26	M13	Z	2.63	2.63	0	%100
27	M14	X	1.19	1.19	0	%100
28	M14	Z	.687	.687	0	%100
29	M15	X	1.19	1.19	0	%100
30	M15	Z	.687	.687	0	%100
31	M16	X	.755	.755	0	%100
32	M16	Z	.436	.436	0	%100
33	M17	X	.755	.755	0	%100
34	M17	Z	.436	.436	0	%100
35	M18	X	.755	.755	0	%100
36	M18	Z	.436	.436	0	%100
37	M19	X	.755	.755	0	%100
38	M19	Z	.436	.436	0	%100
39	M20	X	3.019	3.019	0	%100
40	M20	Z	1.743	1.743	0	%100
41	M21	X	3.019	3.019	0	%100
42	M21	Z	1.743	1.743	0	%100
43	M22	X	.858	.858	0	%100
44	M22	Z	.495	.495	0	%100
45	M23	X	3.43	3.43	0	%100
46	M23	Z	1.98	1.98	0	%100
47	M24	X	3.43	3.43	0	%100
48	M24	Z	1.98	1.98	0	%100
49	M25	X	.858	.858	0	%100
50	M25	Z	.495	.495	0	%100
51	M26	X	.858	.858	0	%100
52	M26	Z	.495	.495	0	%100
53	M27	X	.858	.858	0	%100
54	M27	Z	.495	.495	0	%100
55	M28	X	3.383	3.383	0	%100
56	M28	Z	1.953	1.953	0	%100
57	M29	X	1.144	1.144	0	%100
58	M29	Z	.66	.66	0	%100
59	M30	X	3.383	3.383	0	%100
60	M30	Z	1.953	1.953	0	%100
61	M31	X	4.574	4.574	0	%100
62	M31	Z	2.641	2.641	0	%100
63	M32	X	3.383	3.383	0	%100
64	M32	Z	1.953	1.953	0	%100
65	M33	X	4.574	4.574	0	%100
66	M33	Z	2.641	2.641	0	%100
67	M34	X	3.383	3.383	0	%100
68	M34	Z	1.953	1.953	0	%100
69	M35	X	1.144	1.144	0	%100
70	M35	Z	.66	.66	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	1.144	1.144	0	%100
74	M37	Z	.66	.66	0	%100
75	M38	X	0	0	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,%]
76	M38	Z	0	0	0	%100
77	M39	X	1.144	1.144	0	%100
78	M39	Z	.66	.66	0	%100
79	M40	X	.805	.805	0	%100
80	M40	Z	.465	.465	0	%100
81	M41	X	3.222	3.222	0	%100
82	M41	Z	1.86	1.86	0	%100
83	M42	X	.805	.805	0	%100
84	M42	Z	.465	.465	0	%100
85	OVP2	X	2.491	2.491	0	%100
86	OVP2	Z	1.438	1.438	0	%100
87	OVP1	X	2.491	2.491	0	%100
88	OVP1	Z	1.438	1.438	0	%100
89	MP1A	X	3.222	3.222	0	%100
90	MP1A	Z	1.86	1.86	0	%100
91	MP2A	X	3.507	3.507	0	%100
92	MP2A	Z	2.025	2.025	0	%100
93	MP3A	X	3.222	3.222	0	%100
94	MP3A	Z	1.86	1.86	0	%100
95	MP4A	X	3.222	3.222	0	%100
96	MP4A	Z	1.86	1.86	0	%100
97	MP1B	X	3.222	3.222	0	%100
98	MP1B	Z	1.86	1.86	0	%100
99	MP2B	X	3.507	3.507	0	%100
100	MP2B	Z	2.025	2.025	0	%100
101	MP3B	X	3.222	3.222	0	%100
102	MP3B	Z	1.86	1.86	0	%100
103	MP4B	X	3.222	3.222	0	%100
104	MP4B	Z	1.86	1.86	0	%100
105	MP1C	X	3.222	3.222	0	%100
106	MP1C	Z	1.86	1.86	0	%100
107	MP2C	X	3.507	3.507	0	%100
108	MP2C	Z	2.025	2.025	0	%100
109	MP3C	X	3.222	3.222	0	%100
110	MP3C	Z	1.86	1.86	0	%100
111	MP4C	X	3.222	3.222	0	%100
112	MP4C	Z	1.86	1.86	0	%100
113	M43	X	2.775	2.775	0	%100
114	M43	Z	1.602	1.602	0	%100
115	M44	X	.694	.694	0	%100
116	M44	Z	.401	.401	0	%100
117	M45	X	.694	.694	0	%100
118	M45	Z	.401	.401	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.673	1.673	0	%100
2	M1	Z	2.897	2.897	0	%100
3	M2	X	1.673	1.673	0	%100
4	M2	Z	2.897	2.897	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.532	.532	0	%100
8	M4	Z	.922	.922	0	%100
9	M5	X	2.129	2.129	0	%100
10	M5	Z	3.688	3.688	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,%]
11	M6	X	.532	.532	0	%100
12	M6	Z	.922	.922	0	%100
13	M7	X	1.973	1.973	0	%100
14	M7	Z	3.417	3.417	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	2.061	2.061	0	%100
18	M9	Z	3.57	3.57	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	2.061	2.061	0	%100
22	M11	Z	3.57	3.57	0	%100
23	M12	X	2.061	2.061	0	%100
24	M12	Z	3.57	3.57	0	%100
25	M13	X	1.973	1.973	0	%100
26	M13	Z	3.417	3.417	0	%100
27	M14	X	2.061	2.061	0	%100
28	M14	Z	3.57	3.57	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	1.307	1.307	0	%100
32	M16	Z	2.264	2.264	0	%100
33	M17	X	1.307	1.307	0	%100
34	M17	Z	2.264	2.264	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	1.307	1.307	0	%100
40	M20	Z	2.264	2.264	0	%100
41	M21	X	1.307	1.307	0	%100
42	M21	Z	2.264	2.264	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	1.485	1.485	0	%100
46	M23	Z	2.573	2.573	0	%100
47	M24	X	1.485	1.485	0	%100
48	M24	Z	2.573	2.573	0	%100
49	M25	X	1.485	1.485	0	%100
50	M25	Z	2.573	2.573	0	%100
51	M26	X	1.485	1.485	0	%100
52	M26	Z	2.573	2.573	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	.651	.651	0	%100
56	M28	Z	1.128	1.128	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	.651	.651	0	%100
60	M30	Z	1.128	1.128	0	%100
61	M31	X	1.981	1.981	0	%100
62	M31	Z	3.431	3.431	0	%100
63	M32	X	2.604	2.604	0	%100
64	M32	Z	4.511	4.511	0	%100
65	M33	X	1.981	1.981	0	%100
66	M33	Z	3.431	3.431	0	%100
67	M34	X	2.604	2.604	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,%]
68	M34	Z	4.511	4.511	0	%100
69	M35	X	1.981	1.981	0	%100
70	M35	Z	3.431	3.431	0	%100
71	M36	X	.651	.651	0	%100
72	M36	Z	1.128	1.128	0	%100
73	M37	X	1.981	1.981	0	%100
74	M37	Z	3.431	3.431	0	%100
75	M38	X	.651	.651	0	%100
76	M38	Z	1.128	1.128	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	1.395	1.395	0	%100
80	M40	Z	2.416	2.416	0	%100
81	M41	X	1.395	1.395	0	%100
82	M41	Z	2.416	2.416	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	1.438	1.438	0	%100
86	OVP2	Z	2.491	2.491	0	%100
87	OVP1	X	1.438	1.438	0	%100
88	OVP1	Z	2.491	2.491	0	%100
89	MP1A	X	1.86	1.86	0	%100
90	MP1A	Z	3.222	3.222	0	%100
91	MP2A	X	2.025	2.025	0	%100
92	MP2A	Z	3.507	3.507	0	%100
93	MP3A	X	1.86	1.86	0	%100
94	MP3A	Z	3.222	3.222	0	%100
95	MP4A	X	1.86	1.86	0	%100
96	MP4A	Z	3.222	3.222	0	%100
97	MP1B	X	1.86	1.86	0	%100
98	MP1B	Z	3.222	3.222	0	%100
99	MP2B	X	2.025	2.025	0	%100
100	MP2B	Z	3.507	3.507	0	%100
101	MP3B	X	1.86	1.86	0	%100
102	MP3B	Z	3.222	3.222	0	%100
103	MP4B	X	1.86	1.86	0	%100
104	MP4B	Z	3.222	3.222	0	%100
105	MP1C	X	1.86	1.86	0	%100
106	MP1C	Z	3.222	3.222	0	%100
107	MP2C	X	2.025	2.025	0	%100
108	MP2C	Z	3.507	3.507	0	%100
109	MP3C	X	1.86	1.86	0	%100
110	MP3C	Z	3.222	3.222	0	%100
111	MP4C	X	1.86	1.86	0	%100
112	MP4C	Z	3.222	3.222	0	%100
113	M43	X	1.202	1.202	0	%100
114	M43	Z	2.081	2.081	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	1.202	1.202	0	%100
118	M45	Z	2.081	2.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	4.461	4.461	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,%]
3	M2	X	0	0	0	%100
4	M2	Z	1.115	1.115	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.115	1.115	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	3.194	3.194	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	3.194	3.194	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	5.26	5.26	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	1.374	1.374	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.374	1.374	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	1.315	1.315	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	1.374	1.374	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	5.497	5.497	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	1.315	1.315	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	5.497	5.497	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	1.374	1.374	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	3.486	3.486	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	3.486	3.486	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	.872	.872	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.872	.872	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	.872	.872	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	.872	.872	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	.99	.99	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	.99	.99	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	.99	.99	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	3.961	3.961	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	3.961	3.961	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	.99	.99	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	1.321	1.321	0	%100
59	M30	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,%]
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	1.321	1.321	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	3.907	3.907	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	1.321	1.321	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	3.907	3.907	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	5.282	5.282	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	3.907	3.907	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	5.282	5.282	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	3.907	3.907	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	1.321	1.321	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	3.72	3.72	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	.93	.93	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	.93	.93	0	%100
85	OVP2	X	0	0	0	%100
86	OVP2	Z	2.876	2.876	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	2.876	2.876	0	%100
89	MP1A	X	0	0	0	%100
90	MP1A	Z	3.72	3.72	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	4.049	4.049	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	3.72	3.72	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	3.72	3.72	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	3.72	3.72	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	4.049	4.049	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	3.72	3.72	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	3.72	3.72	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	3.72	3.72	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	4.049	4.049	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	3.72	3.72	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	3.72	3.72	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	.801	.801	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	.801	.801	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,%]
117	M45	X	0	0	0	%100
118	M45	Z	3.204	3.204	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.673	-1.673	0	%100
2	M1	Z	2.897	2.897	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.673	-1.673	0	%100
6	M3	Z	2.897	2.897	0	%100
7	M4	X	-.532	-.532	0	%100
8	M4	Z	.922	.922	0	%100
9	M5	X	-.532	-.532	0	%100
10	M5	Z	.922	.922	0	%100
11	M6	X	-2.129	-2.129	0	%100
12	M6	Z	3.688	3.688	0	%100
13	M7	X	-1.973	-1.973	0	%100
14	M7	Z	3.417	3.417	0	%100
15	M8	X	-2.061	-2.061	0	%100
16	M8	Z	3.57	3.57	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-1.973	-1.973	0	%100
20	M10	Z	3.417	3.417	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-2.061	-2.061	0	%100
24	M12	Z	3.57	3.57	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-2.061	-2.061	0	%100
28	M14	Z	3.57	3.57	0	%100
29	M15	X	-2.061	-2.061	0	%100
30	M15	Z	3.57	3.57	0	%100
31	M16	X	-1.307	-1.307	0	%100
32	M16	Z	2.264	2.264	0	%100
33	M17	X	-1.307	-1.307	0	%100
34	M17	Z	2.264	2.264	0	%100
35	M18	X	-1.307	-1.307	0	%100
36	M18	Z	2.264	2.264	0	%100
37	M19	X	-1.307	-1.307	0	%100
38	M19	Z	2.264	2.264	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-1.485	-1.485	0	%100
44	M22	Z	2.573	2.573	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-1.485	-1.485	0	%100
50	M25	Z	2.573	2.573	0	%100
51	M26	X	-1.485	-1.485	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,%]
52	M26	Z	2.573	2.573	0	%100
53	M27	X	-1.485	-1.485	0	%100
54	M27	Z	2.573	2.573	0	%100
55	M28	X	-.651	-.651	0	%100
56	M28	Z	1.128	1.128	0	%100
57	M29	X	-1.981	-1.981	0	%100
58	M29	Z	3.431	3.431	0	%100
59	M30	X	-.651	-.651	0	%100
60	M30	Z	1.128	1.128	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-.651	-.651	0	%100
64	M32	Z	1.128	1.128	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	-.651	-.651	0	%100
68	M34	Z	1.128	1.128	0	%100
69	M35	X	-1.981	-1.981	0	%100
70	M35	Z	3.431	3.431	0	%100
71	M36	X	-2.604	-2.604	0	%100
72	M36	Z	4.511	4.511	0	%100
73	M37	X	-1.981	-1.981	0	%100
74	M37	Z	3.431	3.431	0	%100
75	M38	X	-2.604	-2.604	0	%100
76	M38	Z	4.511	4.511	0	%100
77	M39	X	-1.981	-1.981	0	%100
78	M39	Z	3.431	3.431	0	%100
79	M40	X	-1.395	-1.395	0	%100
80	M40	Z	2.416	2.416	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	-1.395	-1.395	0	%100
84	M42	Z	2.416	2.416	0	%100
85	OVP2	X	-1.438	-1.438	0	%100
86	OVP2	Z	2.491	2.491	0	%100
87	OVP1	X	-1.438	-1.438	0	%100
88	OVP1	Z	2.491	2.491	0	%100
89	MP1A	X	-1.86	-1.86	0	%100
90	MP1A	Z	3.222	3.222	0	%100
91	MP2A	X	-2.025	-2.025	0	%100
92	MP2A	Z	3.507	3.507	0	%100
93	MP3A	X	-1.86	-1.86	0	%100
94	MP3A	Z	3.222	3.222	0	%100
95	MP4A	X	-1.86	-1.86	0	%100
96	MP4A	Z	3.222	3.222	0	%100
97	MP1B	X	-1.86	-1.86	0	%100
98	MP1B	Z	3.222	3.222	0	%100
99	MP2B	X	-2.025	-2.025	0	%100
100	MP2B	Z	3.507	3.507	0	%100
101	MP3B	X	-1.86	-1.86	0	%100
102	MP3B	Z	3.222	3.222	0	%100
103	MP4B	X	-1.86	-1.86	0	%100
104	MP4B	Z	3.222	3.222	0	%100
105	MP1C	X	-1.86	-1.86	0	%100
106	MP1C	Z	3.222	3.222	0	%100
107	MP2C	X	-2.025	-2.025	0	%100
108	MP2C	Z	3.507	3.507	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,%]
109	MP3C	X	-1.86	-1.86	0	%100
110	MP3C	Z	3.222	3.222	0	%100
111	MP4C	X	-1.86	-1.86	0	%100
112	MP4C	Z	3.222	3.222	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	-1.202	-1.202	0	%100
116	M44	Z	2.081	2.081	0	%100
117	M45	X	-1.202	-1.202	0	%100
118	M45	Z	2.081	2.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.966	-.966	0	%100
2	M1	Z	.558	.558	0	%100
3	M2	X	-.966	-.966	0	%100
4	M2	Z	.558	.558	0	%100
5	M3	X	-3.863	-3.863	0	%100
6	M3	Z	2.23	2.23	0	%100
7	M4	X	-2.766	-2.766	0	%100
8	M4	Z	1.597	1.597	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-2.766	-2.766	0	%100
12	M6	Z	1.597	1.597	0	%100
13	M7	X	-1.139	-1.139	0	%100
14	M7	Z	.658	.658	0	%100
15	M8	X	-4.76	-4.76	0	%100
16	M8	Z	2.748	2.748	0	%100
17	M9	X	-1.19	-1.19	0	%100
18	M9	Z	.687	.687	0	%100
19	M10	X	-4.555	-4.555	0	%100
20	M10	Z	2.63	2.63	0	%100
21	M11	X	-1.19	-1.19	0	%100
22	M11	Z	.687	.687	0	%100
23	M12	X	-1.19	-1.19	0	%100
24	M12	Z	.687	.687	0	%100
25	M13	X	-1.139	-1.139	0	%100
26	M13	Z	.658	.658	0	%100
27	M14	X	-1.19	-1.19	0	%100
28	M14	Z	.687	.687	0	%100
29	M15	X	-4.76	-4.76	0	%100
30	M15	Z	2.748	2.748	0	%100
31	M16	X	-.755	-.755	0	%100
32	M16	Z	.436	.436	0	%100
33	M17	X	-.755	-.755	0	%100
34	M17	Z	.436	.436	0	%100
35	M18	X	-3.019	-3.019	0	%100
36	M18	Z	1.743	1.743	0	%100
37	M19	X	-3.019	-3.019	0	%100
38	M19	Z	1.743	1.743	0	%100
39	M20	X	-.755	-.755	0	%100
40	M20	Z	.436	.436	0	%100
41	M21	X	-.755	-.755	0	%100
42	M21	Z	.436	.436	0	%100
43	M22	X	-3.43	-3.43	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,%]
44	M22	Z	1.98	1.98	0	%100
45	M23	X	-.858	-.858	0	%100
46	M23	Z	.495	.495	0	%100
47	M24	X	-.858	-.858	0	%100
48	M24	Z	.495	.495	0	%100
49	M25	X	-.858	-.858	0	%100
50	M25	Z	.495	.495	0	%100
51	M26	X	-.858	-.858	0	%100
52	M26	Z	.495	.495	0	%100
53	M27	X	-3.43	-3.43	0	%100
54	M27	Z	1.98	1.98	0	%100
55	M28	X	-3.383	-3.383	0	%100
56	M28	Z	1.953	1.953	0	%100
57	M29	X	-4.574	-4.574	0	%100
58	M29	Z	2.641	2.641	0	%100
59	M30	X	-3.383	-3.383	0	%100
60	M30	Z	1.953	1.953	0	%100
61	M31	X	-1.144	-1.144	0	%100
62	M31	Z	.66	.66	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-1.144	-1.144	0	%100
66	M33	Z	.66	.66	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	-1.144	-1.144	0	%100
70	M35	Z	.66	.66	0	%100
71	M36	X	-3.383	-3.383	0	%100
72	M36	Z	1.953	1.953	0	%100
73	M37	X	-1.144	-1.144	0	%100
74	M37	Z	.66	.66	0	%100
75	M38	X	-3.383	-3.383	0	%100
76	M38	Z	1.953	1.953	0	%100
77	M39	X	-4.574	-4.574	0	%100
78	M39	Z	2.641	2.641	0	%100
79	M40	X	-.805	-.805	0	%100
80	M40	Z	.465	.465	0	%100
81	M41	X	-.805	-.805	0	%100
82	M41	Z	.465	.465	0	%100
83	M42	X	-3.222	-3.222	0	%100
84	M42	Z	1.86	1.86	0	%100
85	OVP2	X	-2.491	-2.491	0	%100
86	OVP2	Z	1.438	1.438	0	%100
87	OVP1	X	-2.491	-2.491	0	%100
88	OVP1	Z	1.438	1.438	0	%100
89	MP1A	X	-3.222	-3.222	0	%100
90	MP1A	Z	1.86	1.86	0	%100
91	MP2A	X	-3.507	-3.507	0	%100
92	MP2A	Z	2.025	2.025	0	%100
93	MP3A	X	-3.222	-3.222	0	%100
94	MP3A	Z	1.86	1.86	0	%100
95	MP4A	X	-3.222	-3.222	0	%100
96	MP4A	Z	1.86	1.86	0	%100
97	MP1B	X	-3.222	-3.222	0	%100
98	MP1B	Z	1.86	1.86	0	%100
99	MP2B	X	-3.507	-3.507	0	%100
100	MP2B	Z	2.025	2.025	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,%]
101	MP3B	X	-3.222	-3.222	0	%100
102	MP3B	Z	1.86	1.86	0	%100
103	MP4B	X	-3.222	-3.222	0	%100
104	MP4B	Z	1.86	1.86	0	%100
105	MP1C	X	-3.222	-3.222	0	%100
106	MP1C	Z	1.86	1.86	0	%100
107	MP2C	X	-3.507	-3.507	0	%100
108	MP2C	Z	2.025	2.025	0	%100
109	MP3C	X	-3.222	-3.222	0	%100
110	MP3C	Z	1.86	1.86	0	%100
111	MP4C	X	-3.222	-3.222	0	%100
112	MP4C	Z	1.86	1.86	0	%100
113	M43	X	-.694	-.694	0	%100
114	M43	Z	.401	.401	0	%100
115	M44	X	-2.775	-2.775	0	%100
116	M44	Z	1.602	1.602	0	%100
117	M45	X	-.694	-.694	0	%100
118	M45	Z	.401	.401	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-3.346	-3.346	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-3.346	-3.346	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.258	-4.258	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.065	-1.065	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.065	-1.065	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-4.122	-4.122	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-4.122	-4.122	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-3.945	-3.945	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-4.122	-4.122	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-3.945	-3.945	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-4.122	-4.122	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-2.615	-2.615	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,%]
36	M18	Z	0	0	0	%100
37	M19	X	-2.615	-2.615	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-2.615	-2.615	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-2.615	-2.615	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-2.971	-2.971	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-2.971	-2.971	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-2.971	-2.971	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-2.971	-2.971	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-5.209	-5.209	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-3.962	-3.962	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-5.209	-5.209	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-3.962	-3.962	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-1.302	-1.302	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-3.962	-3.962	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	-1.302	-1.302	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	-1.302	-1.302	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	-1.302	-1.302	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	-3.962	-3.962	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	0	0	0	%100
81	M41	X	-2.79	-2.79	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	-2.79	-2.79	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	-2.876	-2.876	0	%100
86	OVP2	Z	0	0	0	%100
87	OVP1	X	-2.876	-2.876	0	%100
88	OVP1	Z	0	0	0	%100
89	MP1A	X	-3.72	-3.72	0	%100
90	MP1A	Z	0	0	0	%100
91	MP2A	X	-4.049	-4.049	0	%100
92	MP2A	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,%]
93	MP3A	X	-3.72	-3.72	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	-3.72	-3.72	0	%100
96	MP4A	Z	0	0	0	%100
97	MP1B	X	-3.72	-3.72	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-4.049	-4.049	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-3.72	-3.72	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-3.72	-3.72	0	%100
104	MP4B	Z	0	0	0	%100
105	MP1C	X	-3.72	-3.72	0	%100
106	MP1C	Z	0	0	0	%100
107	MP2C	X	-4.049	-4.049	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-3.72	-3.72	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-3.72	-3.72	0	%100
112	MP4C	Z	0	0	0	%100
113	M43	X	-2.403	-2.403	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	-2.403	-2.403	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.966	-.966	0	%100
2	M1	Z	-.558	-.558	0	%100
3	M2	X	-3.863	-3.863	0	%100
4	M2	Z	-2.23	-2.23	0	%100
5	M3	X	-.966	-.966	0	%100
6	M3	Z	-.558	-.558	0	%100
7	M4	X	-2.766	-2.766	0	%100
8	M4	Z	-1.597	-1.597	0	%100
9	M5	X	-2.766	-2.766	0	%100
10	M5	Z	-1.597	-1.597	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-1.139	-1.139	0	%100
14	M7	Z	-.658	-.658	0	%100
15	M8	X	-1.19	-1.19	0	%100
16	M8	Z	-.687	-.687	0	%100
17	M9	X	-4.76	-4.76	0	%100
18	M9	Z	-2.748	-2.748	0	%100
19	M10	X	-1.139	-1.139	0	%100
20	M10	Z	-.658	-.658	0	%100
21	M11	X	-4.76	-4.76	0	%100
22	M11	Z	-2.748	-2.748	0	%100
23	M12	X	-1.19	-1.19	0	%100
24	M12	Z	-.687	-.687	0	%100
25	M13	X	-4.555	-4.555	0	%100
26	M13	Z	-2.63	-2.63	0	%100
27	M14	X	-1.19	-1.19	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,%]
28	M14	Z	-.687	-.687	0	%100
29	M15	X	-1.19	-1.19	0	%100
30	M15	Z	-.687	-.687	0	%100
31	M16	X	-.755	-.755	0	%100
32	M16	Z	-.436	-.436	0	%100
33	M17	X	-.755	-.755	0	%100
34	M17	Z	-.436	-.436	0	%100
35	M18	X	-.755	-.755	0	%100
36	M18	Z	-.436	-.436	0	%100
37	M19	X	-.755	-.755	0	%100
38	M19	Z	-.436	-.436	0	%100
39	M20	X	-3.019	-3.019	0	%100
40	M20	Z	-1.743	-1.743	0	%100
41	M21	X	-3.019	-3.019	0	%100
42	M21	Z	-1.743	-1.743	0	%100
43	M22	X	-.858	-.858	0	%100
44	M22	Z	-.495	-.495	0	%100
45	M23	X	-3.43	-3.43	0	%100
46	M23	Z	-1.98	-1.98	0	%100
47	M24	X	-3.43	-3.43	0	%100
48	M24	Z	-1.98	-1.98	0	%100
49	M25	X	-.858	-.858	0	%100
50	M25	Z	-.495	-.495	0	%100
51	M26	X	-.858	-.858	0	%100
52	M26	Z	-.495	-.495	0	%100
53	M27	X	-.858	-.858	0	%100
54	M27	Z	-.495	-.495	0	%100
55	M28	X	-3.383	-3.383	0	%100
56	M28	Z	-1.953	-1.953	0	%100
57	M29	X	-1.144	-1.144	0	%100
58	M29	Z	-.66	-.66	0	%100
59	M30	X	-3.383	-3.383	0	%100
60	M30	Z	-1.953	-1.953	0	%100
61	M31	X	-4.574	-4.574	0	%100
62	M31	Z	-2.641	-2.641	0	%100
63	M32	X	-3.383	-3.383	0	%100
64	M32	Z	-1.953	-1.953	0	%100
65	M33	X	-4.574	-4.574	0	%100
66	M33	Z	-2.641	-2.641	0	%100
67	M34	X	-3.383	-3.383	0	%100
68	M34	Z	-1.953	-1.953	0	%100
69	M35	X	-1.144	-1.144	0	%100
70	M35	Z	-.66	-.66	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	-1.144	-1.144	0	%100
74	M37	Z	-.66	-.66	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	-1.144	-1.144	0	%100
78	M39	Z	-.66	-.66	0	%100
79	M40	X	-.805	-.805	0	%100
80	M40	Z	-.465	-.465	0	%100
81	M41	X	-3.222	-3.222	0	%100
82	M41	Z	-1.86	-1.86	0	%100
83	M42	X	-.805	-.805	0	%100
84	M42	Z	-.465	-.465	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,%]
85	OVP2	X	-2.491	-2.491	0	%100
86	OVP2	Z	-1.438	-1.438	0	%100
87	OVP1	X	-2.491	-2.491	0	%100
88	OVP1	Z	-1.438	-1.438	0	%100
89	MP1A	X	-3.222	-3.222	0	%100
90	MP1A	Z	-1.86	-1.86	0	%100
91	MP2A	X	-3.507	-3.507	0	%100
92	MP2A	Z	-2.025	-2.025	0	%100
93	MP3A	X	-3.222	-3.222	0	%100
94	MP3A	Z	-1.86	-1.86	0	%100
95	MP4A	X	-3.222	-3.222	0	%100
96	MP4A	Z	-1.86	-1.86	0	%100
97	MP1B	X	-3.222	-3.222	0	%100
98	MP1B	Z	-1.86	-1.86	0	%100
99	MP2B	X	-3.507	-3.507	0	%100
100	MP2B	Z	-2.025	-2.025	0	%100
101	MP3B	X	-3.222	-3.222	0	%100
102	MP3B	Z	-1.86	-1.86	0	%100
103	MP4B	X	-3.222	-3.222	0	%100
104	MP4B	Z	-1.86	-1.86	0	%100
105	MP1C	X	-3.222	-3.222	0	%100
106	MP1C	Z	-1.86	-1.86	0	%100
107	MP2C	X	-3.507	-3.507	0	%100
108	MP2C	Z	-2.025	-2.025	0	%100
109	MP3C	X	-3.222	-3.222	0	%100
110	MP3C	Z	-1.86	-1.86	0	%100
111	MP4C	X	-3.222	-3.222	0	%100
112	MP4C	Z	-1.86	-1.86	0	%100
113	M43	X	-2.775	-2.775	0	%100
114	M43	Z	-1.602	-1.602	0	%100
115	M44	X	-.694	-.694	0	%100
116	M44	Z	-.401	-.401	0	%100
117	M45	X	-.694	-.694	0	%100
118	M45	Z	-.401	-.401	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.673	-1.673	0	%100
2	M1	Z	-2.897	-2.897	0	%100
3	M2	X	-1.673	-1.673	0	%100
4	M2	Z	-2.897	-2.897	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.532	-.532	0	%100
8	M4	Z	-.922	-.922	0	%100
9	M5	X	-2.129	-2.129	0	%100
10	M5	Z	-3.688	-3.688	0	%100
11	M6	X	-.532	-.532	0	%100
12	M6	Z	-.922	-.922	0	%100
13	M7	X	-1.973	-1.973	0	%100
14	M7	Z	-3.417	-3.417	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-2.061	-2.061	0	%100
18	M9	Z	-3.57	-3.57	0	%100
19	M10	X	0	0	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,%]
20	M10	Z	0	0	0	%100
21	M11	X	-2.061	-2.061	0	%100
22	M11	Z	-3.57	-3.57	0	%100
23	M12	X	-2.061	-2.061	0	%100
24	M12	Z	-3.57	-3.57	0	%100
25	M13	X	-1.973	-1.973	0	%100
26	M13	Z	-3.417	-3.417	0	%100
27	M14	X	-2.061	-2.061	0	%100
28	M14	Z	-3.57	-3.57	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-1.307	-1.307	0	%100
32	M16	Z	-2.264	-2.264	0	%100
33	M17	X	-1.307	-1.307	0	%100
34	M17	Z	-2.264	-2.264	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-1.307	-1.307	0	%100
40	M20	Z	-2.264	-2.264	0	%100
41	M21	X	-1.307	-1.307	0	%100
42	M21	Z	-2.264	-2.264	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-1.485	-1.485	0	%100
46	M23	Z	-2.573	-2.573	0	%100
47	M24	X	-1.485	-1.485	0	%100
48	M24	Z	-2.573	-2.573	0	%100
49	M25	X	-1.485	-1.485	0	%100
50	M25	Z	-2.573	-2.573	0	%100
51	M26	X	-1.485	-1.485	0	%100
52	M26	Z	-2.573	-2.573	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-.651	-.651	0	%100
56	M28	Z	-1.128	-1.128	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-.651	-.651	0	%100
60	M30	Z	-1.128	-1.128	0	%100
61	M31	X	-1.981	-1.981	0	%100
62	M31	Z	-3.431	-3.431	0	%100
63	M32	X	-2.604	-2.604	0	%100
64	M32	Z	-4.511	-4.511	0	%100
65	M33	X	-1.981	-1.981	0	%100
66	M33	Z	-3.431	-3.431	0	%100
67	M34	X	-2.604	-2.604	0	%100
68	M34	Z	-4.511	-4.511	0	%100
69	M35	X	-1.981	-1.981	0	%100
70	M35	Z	-3.431	-3.431	0	%100
71	M36	X	-.651	-.651	0	%100
72	M36	Z	-1.128	-1.128	0	%100
73	M37	X	-1.981	-1.981	0	%100
74	M37	Z	-3.431	-3.431	0	%100
75	M38	X	-.651	-.651	0	%100
76	M38	Z	-1.128	-1.128	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,%]
77	M39	X	0	0	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	-1.395	-1.395	0	%100
80	M40	Z	-2.416	-2.416	0	%100
81	M41	X	-1.395	-1.395	0	%100
82	M41	Z	-2.416	-2.416	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	-1.438	-1.438	0	%100
86	OVP2	Z	-2.491	-2.491	0	%100
87	OVP1	X	-1.438	-1.438	0	%100
88	OVP1	Z	-2.491	-2.491	0	%100
89	MP1A	X	-1.86	-1.86	0	%100
90	MP1A	Z	-3.222	-3.222	0	%100
91	MP2A	X	-2.025	-2.025	0	%100
92	MP2A	Z	-3.507	-3.507	0	%100
93	MP3A	X	-1.86	-1.86	0	%100
94	MP3A	Z	-3.222	-3.222	0	%100
95	MP4A	X	-1.86	-1.86	0	%100
96	MP4A	Z	-3.222	-3.222	0	%100
97	MP1B	X	-1.86	-1.86	0	%100
98	MP1B	Z	-3.222	-3.222	0	%100
99	MP2B	X	-2.025	-2.025	0	%100
100	MP2B	Z	-3.507	-3.507	0	%100
101	MP3B	X	-1.86	-1.86	0	%100
102	MP3B	Z	-3.222	-3.222	0	%100
103	MP4B	X	-1.86	-1.86	0	%100
104	MP4B	Z	-3.222	-3.222	0	%100
105	MP1C	X	-1.86	-1.86	0	%100
106	MP1C	Z	-3.222	-3.222	0	%100
107	MP2C	X	-2.025	-2.025	0	%100
108	MP2C	Z	-3.507	-3.507	0	%100
109	MP3C	X	-1.86	-1.86	0	%100
110	MP3C	Z	-3.222	-3.222	0	%100
111	MP4C	X	-1.86	-1.86	0	%100
112	MP4C	Z	-3.222	-3.222	0	%100
113	M43	X	-1.202	-1.202	0	%100
114	M43	Z	-2.081	-2.081	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	-1.202	-1.202	0	%100
118	M45	Z	-2.081	-2.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.83	-.83	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.207	-.207	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.207	-.207	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.632	-.632	0	%100
11	M6	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,%]
12	M6	Z	-.632	-.632	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.422	-1.422	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.382	-.382	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-.382	-.382	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-.356	-.356	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-.382	-.382	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-1.526	-1.526	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-.356	-.356	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-1.526	-1.526	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-.382	-.382	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-.713	-.713	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-.713	-.713	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-.178	-.178	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.178	-.178	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-.178	-.178	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-.178	-.178	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-.197	-.197	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-.197	-.197	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-.197	-.197	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-.79	-.79	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-.79	-.79	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-.197	-.197	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-.362	-.362	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-.362	-.362	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-1.067	-1.067	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-.362	-.362	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	-1.067	-1.067	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,%]
69	M35	X	0	0	0	%100
70	M35	Z	-1.449	-1.449	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	-1.067	-1.067	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	-1.449	-1.449	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	-1.067	-1.067	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	-.362	-.362	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	-.563	-.563	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	-.141	-.141	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	-.141	-.141	0	%100
85	OVP2	X	0	0	0	%100
86	OVP2	Z	-.46	-.46	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	-.46	-.46	0	%100
89	MP1A	X	0	0	0	%100
90	MP1A	Z	-.563	-.563	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	-.682	-.682	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-.563	-.563	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	-.563	-.563	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-.563	-.563	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.682	-.682	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-.563	-.563	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-.563	-.563	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	-.563	-.563	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-.682	-.682	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	-.563	-.563	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-.563	-.563	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	-.168	-.168	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	-.168	-.168	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	-.67	-.67	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.311	.311	0	%100
2	M1	Z	-.539	-.539	0	%100
3	M2	X	0	0	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,%]
4	M2	Z	0	0	0	%100
5	M3	X	.311	.311	0	%100
6	M3	Z	-.539	-.539	0	%100
7	M4	X	.105	.105	0	%100
8	M4	Z	-.182	-.182	0	%100
9	M5	X	.105	.105	0	%100
10	M5	Z	-.182	-.182	0	%100
11	M6	X	.421	.421	0	%100
12	M6	Z	-.73	-.73	0	%100
13	M7	X	.533	.533	0	%100
14	M7	Z	-.924	-.924	0	%100
15	M8	X	.572	.572	0	%100
16	M8	Z	-.991	-.991	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	.533	.533	0	%100
20	M10	Z	-.924	-.924	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	.572	.572	0	%100
24	M12	Z	-.991	-.991	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	.572	.572	0	%100
28	M14	Z	-.991	-.991	0	%100
29	M15	X	.572	.572	0	%100
30	M15	Z	-.991	-.991	0	%100
31	M16	X	.267	.267	0	%100
32	M16	Z	-.463	-.463	0	%100
33	M17	X	.267	.267	0	%100
34	M17	Z	-.463	-.463	0	%100
35	M18	X	.267	.267	0	%100
36	M18	Z	-.463	-.463	0	%100
37	M19	X	.267	.267	0	%100
38	M19	Z	-.463	-.463	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	.296	.296	0	%100
44	M22	Z	-.513	-.513	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	.296	.296	0	%100
50	M25	Z	-.513	-.513	0	%100
51	M26	X	.296	.296	0	%100
52	M26	Z	-.513	-.513	0	%100
53	M27	X	.296	.296	0	%100
54	M27	Z	-.513	-.513	0	%100
55	M28	X	.178	.178	0	%100
56	M28	Z	-.308	-.308	0	%100
57	M29	X	.543	.543	0	%100
58	M29	Z	-.941	-.941	0	%100
59	M30	X	.178	.178	0	%100
60	M30	Z	-.308	-.308	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,%]
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	.178	.178	0	%100
64	M32	Z	-.308	-.308	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	.178	.178	0	%100
68	M34	Z	-.308	-.308	0	%100
69	M35	X	.543	.543	0	%100
70	M35	Z	-.941	-.941	0	%100
71	M36	X	.711	.711	0	%100
72	M36	Z	-1.232	-1.232	0	%100
73	M37	X	.543	.543	0	%100
74	M37	Z	-.941	-.941	0	%100
75	M38	X	.711	.711	0	%100
76	M38	Z	-1.232	-1.232	0	%100
77	M39	X	.543	.543	0	%100
78	M39	Z	-.941	-.941	0	%100
79	M40	X	.211	.211	0	%100
80	M40	Z	-.366	-.366	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	.211	.211	0	%100
84	M42	Z	-.366	-.366	0	%100
85	OVP2	X	.23	.23	0	%100
86	OVP2	Z	-.399	-.399	0	%100
87	OVP1	X	.23	.23	0	%100
88	OVP1	Z	-.399	-.399	0	%100
89	MP1A	X	.282	.282	0	%100
90	MP1A	Z	-.488	-.488	0	%100
91	MP2A	X	.341	.341	0	%100
92	MP2A	Z	-.59	-.59	0	%100
93	MP3A	X	.282	.282	0	%100
94	MP3A	Z	-.488	-.488	0	%100
95	MP4A	X	.282	.282	0	%100
96	MP4A	Z	-.488	-.488	0	%100
97	MP1B	X	.282	.282	0	%100
98	MP1B	Z	-.488	-.488	0	%100
99	MP2B	X	.341	.341	0	%100
100	MP2B	Z	-.59	-.59	0	%100
101	MP3B	X	.282	.282	0	%100
102	MP3B	Z	-.488	-.488	0	%100
103	MP4B	X	.282	.282	0	%100
104	MP4B	Z	-.488	-.488	0	%100
105	MP1C	X	.282	.282	0	%100
106	MP1C	Z	-.488	-.488	0	%100
107	MP2C	X	.341	.341	0	%100
108	MP2C	Z	-.59	-.59	0	%100
109	MP3C	X	.282	.282	0	%100
110	MP3C	Z	-.488	-.488	0	%100
111	MP4C	X	.282	.282	0	%100
112	MP4C	Z	-.488	-.488	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	.251	.251	0	%100
116	M44	Z	-.435	-.435	0	%100
117	M45	X	.251	.251	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,%]
118	M45	Z	-.435	-.435	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.18	.18	0	%100
2	M1	Z	-.104	-.104	0	%100
3	M2	X	.18	.18	0	%100
4	M2	Z	-.104	-.104	0	%100
5	M3	X	.719	.719	0	%100
6	M3	Z	-.415	-.415	0	%100
7	M4	X	.547	.547	0	%100
8	M4	Z	-.316	-.316	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	.547	.547	0	%100
12	M6	Z	-.316	-.316	0	%100
13	M7	X	.308	.308	0	%100
14	M7	Z	-.178	-.178	0	%100
15	M8	X	1.322	1.322	0	%100
16	M8	Z	-.763	-.763	0	%100
17	M9	X	.33	.33	0	%100
18	M9	Z	-.191	-.191	0	%100
19	M10	X	1.232	1.232	0	%100
20	M10	Z	-.711	-.711	0	%100
21	M11	X	.33	.33	0	%100
22	M11	Z	-.191	-.191	0	%100
23	M12	X	.33	.33	0	%100
24	M12	Z	-.191	-.191	0	%100
25	M13	X	.308	.308	0	%100
26	M13	Z	-.178	-.178	0	%100
27	M14	X	.33	.33	0	%100
28	M14	Z	-.191	-.191	0	%100
29	M15	X	1.322	1.322	0	%100
30	M15	Z	-.763	-.763	0	%100
31	M16	X	.154	.154	0	%100
32	M16	Z	-.089	-.089	0	%100
33	M17	X	.154	.154	0	%100
34	M17	Z	-.089	-.089	0	%100
35	M18	X	.618	.618	0	%100
36	M18	Z	-.357	-.357	0	%100
37	M19	X	.618	.618	0	%100
38	M19	Z	-.357	-.357	0	%100
39	M20	X	.154	.154	0	%100
40	M20	Z	-.089	-.089	0	%100
41	M21	X	.154	.154	0	%100
42	M21	Z	-.089	-.089	0	%100
43	M22	X	.684	.684	0	%100
44	M22	Z	-.395	-.395	0	%100
45	M23	X	.171	.171	0	%100
46	M23	Z	-.099	-.099	0	%100
47	M24	X	.171	.171	0	%100
48	M24	Z	-.099	-.099	0	%100
49	M25	X	.171	.171	0	%100
50	M25	Z	-.099	-.099	0	%100
51	M26	X	.171	.171	0	%100
52	M26	Z	-.099	-.099	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,%]
53	M27	X	.684	.684	0	%100
54	M27	Z	-.395	-.395	0	%100
55	M28	X	.924	.924	0	%100
56	M28	Z	-.533	-.533	0	%100
57	M29	X	1.255	1.255	0	%100
58	M29	Z	-.724	-.724	0	%100
59	M30	X	.924	.924	0	%100
60	M30	Z	-.533	-.533	0	%100
61	M31	X	.314	.314	0	%100
62	M31	Z	-.181	-.181	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	.314	.314	0	%100
66	M33	Z	-.181	-.181	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	.314	.314	0	%100
70	M35	Z	-.181	-.181	0	%100
71	M36	X	.924	.924	0	%100
72	M36	Z	-.533	-.533	0	%100
73	M37	X	.314	.314	0	%100
74	M37	Z	-.181	-.181	0	%100
75	M38	X	.924	.924	0	%100
76	M38	Z	-.533	-.533	0	%100
77	M39	X	1.255	1.255	0	%100
78	M39	Z	-.724	-.724	0	%100
79	M40	X	.122	.122	0	%100
80	M40	Z	-.07	-.07	0	%100
81	M41	X	.122	.122	0	%100
82	M41	Z	-.07	-.07	0	%100
83	M42	X	.488	.488	0	%100
84	M42	Z	-.282	-.282	0	%100
85	OVP2	X	.399	.399	0	%100
86	OVP2	Z	-.23	-.23	0	%100
87	OVP1	X	.399	.399	0	%100
88	OVP1	Z	-.23	-.23	0	%100
89	MP1A	X	.488	.488	0	%100
90	MP1A	Z	-.282	-.282	0	%100
91	MP2A	X	.59	.59	0	%100
92	MP2A	Z	-.341	-.341	0	%100
93	MP3A	X	.488	.488	0	%100
94	MP3A	Z	-.282	-.282	0	%100
95	MP4A	X	.488	.488	0	%100
96	MP4A	Z	-.282	-.282	0	%100
97	MP1B	X	.488	.488	0	%100
98	MP1B	Z	-.282	-.282	0	%100
99	MP2B	X	.59	.59	0	%100
100	MP2B	Z	-.341	-.341	0	%100
101	MP3B	X	.488	.488	0	%100
102	MP3B	Z	-.282	-.282	0	%100
103	MP4B	X	.488	.488	0	%100
104	MP4B	Z	-.282	-.282	0	%100
105	MP1C	X	.488	.488	0	%100
106	MP1C	Z	-.282	-.282	0	%100
107	MP2C	X	.59	.59	0	%100
108	MP2C	Z	-.341	-.341	0	%100
109	MP3C	X	.488	.488	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,%]
110	MP3C	Z	-.282	-.282	0	%100
111	MP4C	X	.488	.488	0	%100
112	MP4C	Z	-.282	-.282	0	%100
113	M43	X	.145	.145	0	%100
114	M43	Z	-.084	-.084	0	%100
115	M44	X	.581	.581	0	%100
116	M44	Z	-.335	-.335	0	%100
117	M45	X	.145	.145	0	%100
118	M45	Z	-.084	-.084	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.622	.622	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.622	.622	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.843	.843	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.211	.211	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	.211	.211	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	1.145	1.145	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.145	1.145	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	1.067	1.067	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	1.145	1.145	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	1.067	1.067	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	1.145	1.145	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.535	.535	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	.535	.535	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.535	.535	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	.535	.535	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	.592	.592	0	%100
44	M22	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,%]
45	M23	X	.592	.592	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	.592	.592	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	.592	.592	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	1.422	1.422	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	1.087	1.087	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	1.422	1.422	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	1.087	1.087	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	.356	.356	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	1.087	1.087	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	.356	.356	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	.356	.356	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	.356	.356	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	1.087	1.087	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	0	0	0	%100
81	M41	X	.422	.422	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	.422	.422	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	.46	.46	0	%100
86	OVP2	Z	0	0	0	%100
87	OVP1	X	.46	.46	0	%100
88	OVP1	Z	0	0	0	%100
89	MP1A	X	.563	.563	0	%100
90	MP1A	Z	0	0	0	%100
91	MP2A	X	.682	.682	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3A	X	.563	.563	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	.563	.563	0	%100
96	MP4A	Z	0	0	0	%100
97	MP1B	X	.563	.563	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	.682	.682	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	.563	.563	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,%]
102	MP3B	Z	0	0	0	%100
103	MP4B	X	.563	.563	0	%100
104	MP4B	Z	0	0	0	%100
105	MP1C	X	.563	.563	0	%100
106	MP1C	Z	0	0	0	%100
107	MP2C	X	.682	.682	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	.563	.563	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	.563	.563	0	%100
112	MP4C	Z	0	0	0	%100
113	M43	X	.503	.503	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	.503	.503	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	0	0	0	%100

Member Distributed Loads (BLC 69 : Structure Wm (120 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.18	.18	0	%100
2	M1	Z	.104	.104	0	%100
3	M2	X	.719	.719	0	%100
4	M2	Z	.415	.415	0	%100
5	M3	X	.18	.18	0	%100
6	M3	Z	.104	.104	0	%100
7	M4	X	.547	.547	0	%100
8	M4	Z	.316	.316	0	%100
9	M5	X	.547	.547	0	%100
10	M5	Z	.316	.316	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.308	.308	0	%100
14	M7	Z	.178	.178	0	%100
15	M8	X	.33	.33	0	%100
16	M8	Z	.191	.191	0	%100
17	M9	X	1.322	1.322	0	%100
18	M9	Z	.763	.763	0	%100
19	M10	X	.308	.308	0	%100
20	M10	Z	.178	.178	0	%100
21	M11	X	1.322	1.322	0	%100
22	M11	Z	.763	.763	0	%100
23	M12	X	.33	.33	0	%100
24	M12	Z	.191	.191	0	%100
25	M13	X	1.232	1.232	0	%100
26	M13	Z	.711	.711	0	%100
27	M14	X	.33	.33	0	%100
28	M14	Z	.191	.191	0	%100
29	M15	X	.33	.33	0	%100
30	M15	Z	.191	.191	0	%100
31	M16	X	.154	.154	0	%100
32	M16	Z	.089	.089	0	%100
33	M17	X	.154	.154	0	%100
34	M17	Z	.089	.089	0	%100
35	M18	X	.154	.154	0	%100
36	M18	Z	.089	.089	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,%]
37	M19	X	.154	.154	0	%100
38	M19	Z	.089	.089	0	%100
39	M20	X	.618	.618	0	%100
40	M20	Z	.357	.357	0	%100
41	M21	X	.618	.618	0	%100
42	M21	Z	.357	.357	0	%100
43	M22	X	.171	.171	0	%100
44	M22	Z	.099	.099	0	%100
45	M23	X	.684	.684	0	%100
46	M23	Z	.395	.395	0	%100
47	M24	X	.684	.684	0	%100
48	M24	Z	.395	.395	0	%100
49	M25	X	.171	.171	0	%100
50	M25	Z	.099	.099	0	%100
51	M26	X	.171	.171	0	%100
52	M26	Z	.099	.099	0	%100
53	M27	X	.171	.171	0	%100
54	M27	Z	.099	.099	0	%100
55	M28	X	.924	.924	0	%100
56	M28	Z	.533	.533	0	%100
57	M29	X	.314	.314	0	%100
58	M29	Z	.181	.181	0	%100
59	M30	X	.924	.924	0	%100
60	M30	Z	.533	.533	0	%100
61	M31	X	1.255	1.255	0	%100
62	M31	Z	.724	.724	0	%100
63	M32	X	.924	.924	0	%100
64	M32	Z	.533	.533	0	%100
65	M33	X	1.255	1.255	0	%100
66	M33	Z	.724	.724	0	%100
67	M34	X	.924	.924	0	%100
68	M34	Z	.533	.533	0	%100
69	M35	X	.314	.314	0	%100
70	M35	Z	.181	.181	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	.314	.314	0	%100
74	M37	Z	.181	.181	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	.314	.314	0	%100
78	M39	Z	.181	.181	0	%100
79	M40	X	.122	.122	0	%100
80	M40	Z	.07	.07	0	%100
81	M41	X	.488	.488	0	%100
82	M41	Z	.282	.282	0	%100
83	M42	X	.122	.122	0	%100
84	M42	Z	.07	.07	0	%100
85	OVP2	X	.399	.399	0	%100
86	OVP2	Z	.23	.23	0	%100
87	OVP1	X	.399	.399	0	%100
88	OVP1	Z	.23	.23	0	%100
89	MP1A	X	.488	.488	0	%100
90	MP1A	Z	.282	.282	0	%100
91	MP2A	X	.59	.59	0	%100
92	MP2A	Z	.341	.341	0	%100
93	MP3A	X	.488	.488	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,%]
94	MP3A	Z	.282	.282	0	%100
95	MP4A	X	.488	.488	0	%100
96	MP4A	Z	.282	.282	0	%100
97	MP1B	X	.488	.488	0	%100
98	MP1B	Z	.282	.282	0	%100
99	MP2B	X	.59	.59	0	%100
100	MP2B	Z	.341	.341	0	%100
101	MP3B	X	.488	.488	0	%100
102	MP3B	Z	.282	.282	0	%100
103	MP4B	X	.488	.488	0	%100
104	MP4B	Z	.282	.282	0	%100
105	MP1C	X	.488	.488	0	%100
106	MP1C	Z	.282	.282	0	%100
107	MP2C	X	.59	.59	0	%100
108	MP2C	Z	.341	.341	0	%100
109	MP3C	X	.488	.488	0	%100
110	MP3C	Z	.282	.282	0	%100
111	MP4C	X	.488	.488	0	%100
112	MP4C	Z	.282	.282	0	%100
113	M43	X	.581	.581	0	%100
114	M43	Z	.335	.335	0	%100
115	M44	X	.145	.145	0	%100
116	M44	Z	.084	.084	0	%100
117	M45	X	.145	.145	0	%100
118	M45	Z	.084	.084	0	%100

Member Distributed Loads (BLC 70 : Structure Wm (150 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.311	.311	0	%100
2	M1	Z	.539	.539	0	%100
3	M2	X	.311	.311	0	%100
4	M2	Z	.539	.539	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.105	.105	0	%100
8	M4	Z	.182	.182	0	%100
9	M5	X	.421	.421	0	%100
10	M5	Z	.73	.73	0	%100
11	M6	X	.105	.105	0	%100
12	M6	Z	.182	.182	0	%100
13	M7	X	.533	.533	0	%100
14	M7	Z	.924	.924	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.572	.572	0	%100
18	M9	Z	.991	.991	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	.572	.572	0	%100
22	M11	Z	.991	.991	0	%100
23	M12	X	.572	.572	0	%100
24	M12	Z	.991	.991	0	%100
25	M13	X	.533	.533	0	%100
26	M13	Z	.924	.924	0	%100
27	M14	X	.572	.572	0	%100
28	M14	Z	.991	.991	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,%]
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	.267	.267	0	%100
32	M16	Z	.463	.463	0	%100
33	M17	X	.267	.267	0	%100
34	M17	Z	.463	.463	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.267	.267	0	%100
40	M20	Z	.463	.463	0	%100
41	M21	X	.267	.267	0	%100
42	M21	Z	.463	.463	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	.296	.296	0	%100
46	M23	Z	.513	.513	0	%100
47	M24	X	.296	.296	0	%100
48	M24	Z	.513	.513	0	%100
49	M25	X	.296	.296	0	%100
50	M25	Z	.513	.513	0	%100
51	M26	X	.296	.296	0	%100
52	M26	Z	.513	.513	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	.178	.178	0	%100
56	M28	Z	.308	.308	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	.178	.178	0	%100
60	M30	Z	.308	.308	0	%100
61	M31	X	.543	.543	0	%100
62	M31	Z	.941	.941	0	%100
63	M32	X	.711	.711	0	%100
64	M32	Z	1.232	1.232	0	%100
65	M33	X	.543	.543	0	%100
66	M33	Z	.941	.941	0	%100
67	M34	X	.711	.711	0	%100
68	M34	Z	1.232	1.232	0	%100
69	M35	X	.543	.543	0	%100
70	M35	Z	.941	.941	0	%100
71	M36	X	.178	.178	0	%100
72	M36	Z	.308	.308	0	%100
73	M37	X	.543	.543	0	%100
74	M37	Z	.941	.941	0	%100
75	M38	X	.178	.178	0	%100
76	M38	Z	.308	.308	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	.211	.211	0	%100
80	M40	Z	.366	.366	0	%100
81	M41	X	.211	.211	0	%100
82	M41	Z	.366	.366	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	.23	.23	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,%]
86	OVP2	Z	.399	.399	0	%100
87	OVP1	X	.23	.23	0	%100
88	OVP1	Z	.399	.399	0	%100
89	MP1A	X	.282	.282	0	%100
90	MP1A	Z	.488	.488	0	%100
91	MP2A	X	.341	.341	0	%100
92	MP2A	Z	.59	.59	0	%100
93	MP3A	X	.282	.282	0	%100
94	MP3A	Z	.488	.488	0	%100
95	MP4A	X	.282	.282	0	%100
96	MP4A	Z	.488	.488	0	%100
97	MP1B	X	.282	.282	0	%100
98	MP1B	Z	.488	.488	0	%100
99	MP2B	X	.341	.341	0	%100
100	MP2B	Z	.59	.59	0	%100
101	MP3B	X	.282	.282	0	%100
102	MP3B	Z	.488	.488	0	%100
103	MP4B	X	.282	.282	0	%100
104	MP4B	Z	.488	.488	0	%100
105	MP1C	X	.282	.282	0	%100
106	MP1C	Z	.488	.488	0	%100
107	MP2C	X	.341	.341	0	%100
108	MP2C	Z	.59	.59	0	%100
109	MP3C	X	.282	.282	0	%100
110	MP3C	Z	.488	.488	0	%100
111	MP4C	X	.282	.282	0	%100
112	MP4C	Z	.488	.488	0	%100
113	M43	X	.251	.251	0	%100
114	M43	Z	.435	.435	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	.251	.251	0	%100
118	M45	Z	.435	.435	0	%100

Member Distributed Loads (BLC 71 : Structure Wm (180 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.83	.83	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.207	.207	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.207	.207	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.632	.632	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	.632	.632	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	1.422	1.422	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.382	.382	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	.382	.382	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	.356	.356	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,%]
21	M11	X	0	0	0	%100
22	M11	Z	.382	.382	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	1.526	1.526	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	.356	.356	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	1.526	1.526	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	.382	.382	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	.713	.713	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	.713	.713	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	.178	.178	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.178	.178	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	.178	.178	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	.178	.178	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	.197	.197	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	.197	.197	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	.197	.197	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	.79	.79	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	.79	.79	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	.197	.197	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	.362	.362	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	.362	.362	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	1.067	1.067	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	.362	.362	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	1.067	1.067	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	1.449	1.449	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	1.067	1.067	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	1.449	1.449	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	1.067	1.067	0	%100
77	M39	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,%]
78	M39	Z	.362	.362	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	.563	.563	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	.141	.141	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	.141	.141	0	%100
85	OVP2	X	0	0	0	%100
86	OVP2	Z	.46	.46	0	%100
87	OVP1	X	0	0	0	%100
88	OVP1	Z	.46	.46	0	%100
89	MP1A	X	0	0	0	%100
90	MP1A	Z	.563	.563	0	%100
91	MP2A	X	0	0	0	%100
92	MP2A	Z	.682	.682	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	.563	.563	0	%100
95	MP4A	X	0	0	0	%100
96	MP4A	Z	.563	.563	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	.563	.563	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.682	.682	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	.563	.563	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	.563	.563	0	%100
105	MP1C	X	0	0	0	%100
106	MP1C	Z	.563	.563	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	.682	.682	0	%100
109	MP3C	X	0	0	0	%100
110	MP3C	Z	.563	.563	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	.563	.563	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	.168	.168	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	.168	.168	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	.67	.67	0	%100

Member Distributed Loads (BLC 72 : Structure Wm (210 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.311	-.311	0	%100
2	M1	Z	.539	.539	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.311	-.311	0	%100
6	M3	Z	.539	.539	0	%100
7	M4	X	-.105	-.105	0	%100
8	M4	Z	.182	.182	0	%100
9	M5	X	-.105	-.105	0	%100
10	M5	Z	.182	.182	0	%100
11	M6	X	-.421	-.421	0	%100
12	M6	Z	.73	.73	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,%]
13	M7	X	-.533	-.533	0	%100
14	M7	Z	.924	.924	0	%100
15	M8	X	-.572	-.572	0	%100
16	M8	Z	.991	.991	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-.533	-.533	0	%100
20	M10	Z	.924	.924	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-.572	-.572	0	%100
24	M12	Z	.991	.991	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-.572	-.572	0	%100
28	M14	Z	.991	.991	0	%100
29	M15	X	-.572	-.572	0	%100
30	M15	Z	.991	.991	0	%100
31	M16	X	-.267	-.267	0	%100
32	M16	Z	.463	.463	0	%100
33	M17	X	-.267	-.267	0	%100
34	M17	Z	.463	.463	0	%100
35	M18	X	-.267	-.267	0	%100
36	M18	Z	.463	.463	0	%100
37	M19	X	-.267	-.267	0	%100
38	M19	Z	.463	.463	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-.296	-.296	0	%100
44	M22	Z	.513	.513	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	-.296	-.296	0	%100
50	M25	Z	.513	.513	0	%100
51	M26	X	-.296	-.296	0	%100
52	M26	Z	.513	.513	0	%100
53	M27	X	-.296	-.296	0	%100
54	M27	Z	.513	.513	0	%100
55	M28	X	-.178	-.178	0	%100
56	M28	Z	.308	.308	0	%100
57	M29	X	-.543	-.543	0	%100
58	M29	Z	.941	.941	0	%100
59	M30	X	-.178	-.178	0	%100
60	M30	Z	.308	.308	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-.178	-.178	0	%100
64	M32	Z	.308	.308	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	-.178	-.178	0	%100
68	M34	Z	.308	.308	0	%100
69	M35	X	-.543	-.543	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,%]
70	M35	Z	.941	.941	0	%100
71	M36	X	-.711	-.711	0	%100
72	M36	Z	1.232	1.232	0	%100
73	M37	X	-.543	-.543	0	%100
74	M37	Z	.941	.941	0	%100
75	M38	X	-.711	-.711	0	%100
76	M38	Z	1.232	1.232	0	%100
77	M39	X	-.543	-.543	0	%100
78	M39	Z	.941	.941	0	%100
79	M40	X	-.211	-.211	0	%100
80	M40	Z	.366	.366	0	%100
81	M41	X	0	0	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	-.211	-.211	0	%100
84	M42	Z	.366	.366	0	%100
85	OVP2	X	-.23	-.23	0	%100
86	OVP2	Z	.399	.399	0	%100
87	OVP1	X	-.23	-.23	0	%100
88	OVP1	Z	.399	.399	0	%100
89	MP1A	X	-.282	-.282	0	%100
90	MP1A	Z	.488	.488	0	%100
91	MP2A	X	-.341	-.341	0	%100
92	MP2A	Z	.59	.59	0	%100
93	MP3A	X	-.282	-.282	0	%100
94	MP3A	Z	.488	.488	0	%100
95	MP4A	X	-.282	-.282	0	%100
96	MP4A	Z	.488	.488	0	%100
97	MP1B	X	-.282	-.282	0	%100
98	MP1B	Z	.488	.488	0	%100
99	MP2B	X	-.341	-.341	0	%100
100	MP2B	Z	.59	.59	0	%100
101	MP3B	X	-.282	-.282	0	%100
102	MP3B	Z	.488	.488	0	%100
103	MP4B	X	-.282	-.282	0	%100
104	MP4B	Z	.488	.488	0	%100
105	MP1C	X	-.282	-.282	0	%100
106	MP1C	Z	.488	.488	0	%100
107	MP2C	X	-.341	-.341	0	%100
108	MP2C	Z	.59	.59	0	%100
109	MP3C	X	-.282	-.282	0	%100
110	MP3C	Z	.488	.488	0	%100
111	MP4C	X	-.282	-.282	0	%100
112	MP4C	Z	.488	.488	0	%100
113	M43	X	0	0	0	%100
114	M43	Z	0	0	0	%100
115	M44	X	-.251	-.251	0	%100
116	M44	Z	.435	.435	0	%100
117	M45	X	-.251	-.251	0	%100
118	M45	Z	.435	.435	0	%100

Member Distributed Loads (BLC 73 : Structure Wm (240 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.18	-.18	0	%100
2	M1	Z	.104	.104	0	%100
3	M2	X	-.18	-.18	0	%100
4	M2	Z	.104	.104	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,%]
5	M3	X	-.719	-.719	0	%100
6	M3	Z	.415	.415	0	%100
7	M4	X	-.547	-.547	0	%100
8	M4	Z	.316	.316	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-.547	-.547	0	%100
12	M6	Z	.316	.316	0	%100
13	M7	X	-.308	-.308	0	%100
14	M7	Z	.178	.178	0	%100
15	M8	X	-1.322	-1.322	0	%100
16	M8	Z	.763	.763	0	%100
17	M9	X	-.33	-.33	0	%100
18	M9	Z	.191	.191	0	%100
19	M10	X	-1.232	-1.232	0	%100
20	M10	Z	.711	.711	0	%100
21	M11	X	-.33	-.33	0	%100
22	M11	Z	.191	.191	0	%100
23	M12	X	-.33	-.33	0	%100
24	M12	Z	.191	.191	0	%100
25	M13	X	-.308	-.308	0	%100
26	M13	Z	.178	.178	0	%100
27	M14	X	-.33	-.33	0	%100
28	M14	Z	.191	.191	0	%100
29	M15	X	-1.322	-1.322	0	%100
30	M15	Z	.763	.763	0	%100
31	M16	X	-.154	-.154	0	%100
32	M16	Z	.089	.089	0	%100
33	M17	X	-.154	-.154	0	%100
34	M17	Z	.089	.089	0	%100
35	M18	X	-.618	-.618	0	%100
36	M18	Z	.357	.357	0	%100
37	M19	X	-.618	-.618	0	%100
38	M19	Z	.357	.357	0	%100
39	M20	X	-.154	-.154	0	%100
40	M20	Z	.089	.089	0	%100
41	M21	X	-.154	-.154	0	%100
42	M21	Z	.089	.089	0	%100
43	M22	X	-.684	-.684	0	%100
44	M22	Z	.395	.395	0	%100
45	M23	X	-.171	-.171	0	%100
46	M23	Z	.099	.099	0	%100
47	M24	X	-.171	-.171	0	%100
48	M24	Z	.099	.099	0	%100
49	M25	X	-.171	-.171	0	%100
50	M25	Z	.099	.099	0	%100
51	M26	X	-.171	-.171	0	%100
52	M26	Z	.099	.099	0	%100
53	M27	X	-.684	-.684	0	%100
54	M27	Z	.395	.395	0	%100
55	M28	X	-.924	-.924	0	%100
56	M28	Z	.533	.533	0	%100
57	M29	X	-1.255	-1.255	0	%100
58	M29	Z	.724	.724	0	%100
59	M30	X	-.924	-.924	0	%100
60	M30	Z	.533	.533	0	%100
61	M31	X	-.314	-.314	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,%]
62	M31	Z	.181	.181	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-.314	-.314	0	%100
66	M33	Z	.181	.181	0	%100
67	M34	X	0	0	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	-.314	-.314	0	%100
70	M35	Z	.181	.181	0	%100
71	M36	X	-.924	-.924	0	%100
72	M36	Z	.533	.533	0	%100
73	M37	X	-.314	-.314	0	%100
74	M37	Z	.181	.181	0	%100
75	M38	X	-.924	-.924	0	%100
76	M38	Z	.533	.533	0	%100
77	M39	X	-1.255	-1.255	0	%100
78	M39	Z	.724	.724	0	%100
79	M40	X	-.122	-.122	0	%100
80	M40	Z	.07	.07	0	%100
81	M41	X	-.122	-.122	0	%100
82	M41	Z	.07	.07	0	%100
83	M42	X	-.488	-.488	0	%100
84	M42	Z	.282	.282	0	%100
85	OVP2	X	-.399	-.399	0	%100
86	OVP2	Z	.23	.23	0	%100
87	OVP1	X	-.399	-.399	0	%100
88	OVP1	Z	.23	.23	0	%100
89	MP1A	X	-.488	-.488	0	%100
90	MP1A	Z	.282	.282	0	%100
91	MP2A	X	-.59	-.59	0	%100
92	MP2A	Z	.341	.341	0	%100
93	MP3A	X	-.488	-.488	0	%100
94	MP3A	Z	.282	.282	0	%100
95	MP4A	X	-.488	-.488	0	%100
96	MP4A	Z	.282	.282	0	%100
97	MP1B	X	-.488	-.488	0	%100
98	MP1B	Z	.282	.282	0	%100
99	MP2B	X	-.59	-.59	0	%100
100	MP2B	Z	.341	.341	0	%100
101	MP3B	X	-.488	-.488	0	%100
102	MP3B	Z	.282	.282	0	%100
103	MP4B	X	-.488	-.488	0	%100
104	MP4B	Z	.282	.282	0	%100
105	MP1C	X	-.488	-.488	0	%100
106	MP1C	Z	.282	.282	0	%100
107	MP2C	X	-.59	-.59	0	%100
108	MP2C	Z	.341	.341	0	%100
109	MP3C	X	-.488	-.488	0	%100
110	MP3C	Z	.282	.282	0	%100
111	MP4C	X	-.488	-.488	0	%100
112	MP4C	Z	.282	.282	0	%100
113	M43	X	-.145	-.145	0	%100
114	M43	Z	.084	.084	0	%100
115	M44	X	-.581	-.581	0	%100
116	M44	Z	.335	.335	0	%100
117	M45	X	-.145	-.145	0	%100
118	M45	Z	.084	.084	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.622	-.622	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.622	-.622	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.843	-.843	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.211	-.211	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-.211	-.211	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.145	-1.145	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.145	-1.145	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-1.067	-1.067	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-1.145	-1.145	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-1.067	-1.067	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-1.145	-1.145	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-.535	-.535	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-.535	-.535	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-.535	-.535	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-.535	-.535	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-.592	-.592	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-.592	-.592	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-.592	-.592	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-.592	-.592	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-1.422	-1.422	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-1.087	-1.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M29	Z	0	0	0	%100
59	M30	X	-1.422	-1.422	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-1.087	-1.087	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	-.356	-.356	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-1.087	-1.087	0	%100
66	M33	Z	0	0	0	%100
67	M34	X	-.356	-.356	0	%100
68	M34	Z	0	0	0	%100
69	M35	X	0	0	0	%100
70	M35	Z	0	0	0	%100
71	M36	X	-.356	-.356	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	0	0	0	%100
74	M37	Z	0	0	0	%100
75	M38	X	-.356	-.356	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	-1.087	-1.087	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	0	0	0	%100
80	M40	Z	0	0	0	%100
81	M41	X	-.422	-.422	0	%100
82	M41	Z	0	0	0	%100
83	M42	X	-.422	-.422	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	-.46	-.46	0	%100
86	OVP2	Z	0	0	0	%100
87	OVP1	X	-.46	-.46	0	%100
88	OVP1	Z	0	0	0	%100
89	MP1A	X	-.563	-.563	0	%100
90	MP1A	Z	0	0	0	%100
91	MP2A	X	-.682	-.682	0	%100
92	MP2A	Z	0	0	0	%100
93	MP3A	X	-.563	-.563	0	%100
94	MP3A	Z	0	0	0	%100
95	MP4A	X	-.563	-.563	0	%100
96	MP4A	Z	0	0	0	%100
97	MP1B	X	-.563	-.563	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-.682	-.682	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-.563	-.563	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-.563	-.563	0	%100
104	MP4B	Z	0	0	0	%100
105	MP1C	X	-.563	-.563	0	%100
106	MP1C	Z	0	0	0	%100
107	MP2C	X	-.682	-.682	0	%100
108	MP2C	Z	0	0	0	%100
109	MP3C	X	-.563	-.563	0	%100
110	MP3C	Z	0	0	0	%100
111	MP4C	X	-.563	-.563	0	%100
112	MP4C	Z	0	0	0	%100
113	M43	X	-.503	-.503	0	%100
114	M43	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,%]
115	M44	X	-.503	-.503	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	0	0	0	%100
118	M45	Z	0	0	0	%100

Member Distributed Loads (BLC 75 : Structure Wm (300 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.18	-.18	0	%100
2	M1	Z	-.104	-.104	0	%100
3	M2	X	-.719	-.719	0	%100
4	M2	Z	-.415	-.415	0	%100
5	M3	X	-.18	-.18	0	%100
6	M3	Z	-.104	-.104	0	%100
7	M4	X	-.547	-.547	0	%100
8	M4	Z	-.316	-.316	0	%100
9	M5	X	-.547	-.547	0	%100
10	M5	Z	-.316	-.316	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.308	-.308	0	%100
14	M7	Z	-.178	-.178	0	%100
15	M8	X	-.33	-.33	0	%100
16	M8	Z	-.191	-.191	0	%100
17	M9	X	-1.322	-1.322	0	%100
18	M9	Z	-.763	-.763	0	%100
19	M10	X	-.308	-.308	0	%100
20	M10	Z	-.178	-.178	0	%100
21	M11	X	-1.322	-1.322	0	%100
22	M11	Z	-.763	-.763	0	%100
23	M12	X	-.33	-.33	0	%100
24	M12	Z	-.191	-.191	0	%100
25	M13	X	-1.232	-1.232	0	%100
26	M13	Z	-.711	-.711	0	%100
27	M14	X	-.33	-.33	0	%100
28	M14	Z	-.191	-.191	0	%100
29	M15	X	-.33	-.33	0	%100
30	M15	Z	-.191	-.191	0	%100
31	M16	X	-.154	-.154	0	%100
32	M16	Z	-.089	-.089	0	%100
33	M17	X	-.154	-.154	0	%100
34	M17	Z	-.089	-.089	0	%100
35	M18	X	-.154	-.154	0	%100
36	M18	Z	-.089	-.089	0	%100
37	M19	X	-.154	-.154	0	%100
38	M19	Z	-.089	-.089	0	%100
39	M20	X	-.618	-.618	0	%100
40	M20	Z	-.357	-.357	0	%100
41	M21	X	-.618	-.618	0	%100
42	M21	Z	-.357	-.357	0	%100
43	M22	X	-.171	-.171	0	%100
44	M22	Z	-.099	-.099	0	%100
45	M23	X	-.684	-.684	0	%100
46	M23	Z	-.395	-.395	0	%100
47	M24	X	-.684	-.684	0	%100
48	M24	Z	-.395	-.395	0	%100
49	M25	X	-.171	-.171	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,%]
50	M25	Z	-.099	-.099	0	%100
51	M26	X	-.171	-.171	0	%100
52	M26	Z	-.099	-.099	0	%100
53	M27	X	-.171	-.171	0	%100
54	M27	Z	-.099	-.099	0	%100
55	M28	X	-.924	-.924	0	%100
56	M28	Z	-.533	-.533	0	%100
57	M29	X	-.314	-.314	0	%100
58	M29	Z	-.181	-.181	0	%100
59	M30	X	-.924	-.924	0	%100
60	M30	Z	-.533	-.533	0	%100
61	M31	X	-1.255	-1.255	0	%100
62	M31	Z	-.724	-.724	0	%100
63	M32	X	-.924	-.924	0	%100
64	M32	Z	-.533	-.533	0	%100
65	M33	X	-1.255	-1.255	0	%100
66	M33	Z	-.724	-.724	0	%100
67	M34	X	-.924	-.924	0	%100
68	M34	Z	-.533	-.533	0	%100
69	M35	X	-.314	-.314	0	%100
70	M35	Z	-.181	-.181	0	%100
71	M36	X	0	0	0	%100
72	M36	Z	0	0	0	%100
73	M37	X	-.314	-.314	0	%100
74	M37	Z	-.181	-.181	0	%100
75	M38	X	0	0	0	%100
76	M38	Z	0	0	0	%100
77	M39	X	-.314	-.314	0	%100
78	M39	Z	-.181	-.181	0	%100
79	M40	X	-.122	-.122	0	%100
80	M40	Z	-.07	-.07	0	%100
81	M41	X	-.488	-.488	0	%100
82	M41	Z	-.282	-.282	0	%100
83	M42	X	-.122	-.122	0	%100
84	M42	Z	-.07	-.07	0	%100
85	OVP2	X	-.399	-.399	0	%100
86	OVP2	Z	-.23	-.23	0	%100
87	OVP1	X	-.399	-.399	0	%100
88	OVP1	Z	-.23	-.23	0	%100
89	MP1A	X	-.488	-.488	0	%100
90	MP1A	Z	-.282	-.282	0	%100
91	MP2A	X	-.59	-.59	0	%100
92	MP2A	Z	-.341	-.341	0	%100
93	MP3A	X	-.488	-.488	0	%100
94	MP3A	Z	-.282	-.282	0	%100
95	MP4A	X	-.488	-.488	0	%100
96	MP4A	Z	-.282	-.282	0	%100
97	MP1B	X	-.488	-.488	0	%100
98	MP1B	Z	-.282	-.282	0	%100
99	MP2B	X	-.59	-.59	0	%100
100	MP2B	Z	-.341	-.341	0	%100
101	MP3B	X	-.488	-.488	0	%100
102	MP3B	Z	-.282	-.282	0	%100
103	MP4B	X	-.488	-.488	0	%100
104	MP4B	Z	-.282	-.282	0	%100
105	MP1C	X	-.488	-.488	0	%100
106	MP1C	Z	-.282	-.282	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,%]
107	MP2C	X	-.59	-.59	0	%100
108	MP2C	Z	-.341	-.341	0	%100
109	MP3C	X	-.488	-.488	0	%100
110	MP3C	Z	-.282	-.282	0	%100
111	MP4C	X	-.488	-.488	0	%100
112	MP4C	Z	-.282	-.282	0	%100
113	M43	X	-.581	-.581	0	%100
114	M43	Z	-.335	-.335	0	%100
115	M44	X	-.145	-.145	0	%100
116	M44	Z	-.084	-.084	0	%100
117	M45	X	-.145	-.145	0	%100
118	M45	Z	-.084	-.084	0	%100

Member Distributed Loads (BLC 76 : Structure Wm (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.311	-.311	0	%100
2	M1	Z	-.539	-.539	0	%100
3	M2	X	-.311	-.311	0	%100
4	M2	Z	-.539	-.539	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.105	-.105	0	%100
8	M4	Z	-.182	-.182	0	%100
9	M5	X	-.421	-.421	0	%100
10	M5	Z	-.73	-.73	0	%100
11	M6	X	-.105	-.105	0	%100
12	M6	Z	-.182	-.182	0	%100
13	M7	X	-.533	-.533	0	%100
14	M7	Z	-.924	-.924	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.572	-.572	0	%100
18	M9	Z	-.991	-.991	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-.572	-.572	0	%100
22	M11	Z	-.991	-.991	0	%100
23	M12	X	-.572	-.572	0	%100
24	M12	Z	-.991	-.991	0	%100
25	M13	X	-.533	-.533	0	%100
26	M13	Z	-.924	-.924	0	%100
27	M14	X	-.572	-.572	0	%100
28	M14	Z	-.991	-.991	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-.267	-.267	0	%100
32	M16	Z	-.463	-.463	0	%100
33	M17	X	-.267	-.267	0	%100
34	M17	Z	-.463	-.463	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-.267	-.267	0	%100
40	M20	Z	-.463	-.463	0	%100
41	M21	X	-.267	-.267	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,%]
42	M21	Z	-.463	-.463	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-.296	-.296	0	%100
46	M23	Z	-.513	-.513	0	%100
47	M24	X	-.296	-.296	0	%100
48	M24	Z	-.513	-.513	0	%100
49	M25	X	-.296	-.296	0	%100
50	M25	Z	-.513	-.513	0	%100
51	M26	X	-.296	-.296	0	%100
52	M26	Z	-.513	-.513	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-.178	-.178	0	%100
56	M28	Z	-.308	-.308	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-.178	-.178	0	%100
60	M30	Z	-.308	-.308	0	%100
61	M31	X	-.543	-.543	0	%100
62	M31	Z	-.941	-.941	0	%100
63	M32	X	-.711	-.711	0	%100
64	M32	Z	-1.232	-1.232	0	%100
65	M33	X	-.543	-.543	0	%100
66	M33	Z	-.941	-.941	0	%100
67	M34	X	-.711	-.711	0	%100
68	M34	Z	-1.232	-1.232	0	%100
69	M35	X	-.543	-.543	0	%100
70	M35	Z	-.941	-.941	0	%100
71	M36	X	-.178	-.178	0	%100
72	M36	Z	-.308	-.308	0	%100
73	M37	X	-.543	-.543	0	%100
74	M37	Z	-.941	-.941	0	%100
75	M38	X	-.178	-.178	0	%100
76	M38	Z	-.308	-.308	0	%100
77	M39	X	0	0	0	%100
78	M39	Z	0	0	0	%100
79	M40	X	-.211	-.211	0	%100
80	M40	Z	-.366	-.366	0	%100
81	M41	X	-.211	-.211	0	%100
82	M41	Z	-.366	-.366	0	%100
83	M42	X	0	0	0	%100
84	M42	Z	0	0	0	%100
85	OVP2	X	-.23	-.23	0	%100
86	OVP2	Z	-.399	-.399	0	%100
87	OVP1	X	-.23	-.23	0	%100
88	OVP1	Z	-.399	-.399	0	%100
89	MP1A	X	-.282	-.282	0	%100
90	MP1A	Z	-.488	-.488	0	%100
91	MP2A	X	-.341	-.341	0	%100
92	MP2A	Z	-.59	-.59	0	%100
93	MP3A	X	-.282	-.282	0	%100
94	MP3A	Z	-.488	-.488	0	%100
95	MP4A	X	-.282	-.282	0	%100
96	MP4A	Z	-.488	-.488	0	%100
97	MP1B	X	-.282	-.282	0	%100
98	MP1B	Z	-.488	-.488	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,%]
99	MP2B	X	-.341	-.341	0	%100
100	MP2B	Z	-.59	-.59	0	%100
101	MP3B	X	-.282	-.282	0	%100
102	MP3B	Z	-.488	-.488	0	%100
103	MP4B	X	-.282	-.282	0	%100
104	MP4B	Z	-.488	-.488	0	%100
105	MP1C	X	-.282	-.282	0	%100
106	MP1C	Z	-.488	-.488	0	%100
107	MP2C	X	-.341	-.341	0	%100
108	MP2C	Z	-.59	-.59	0	%100
109	MP3C	X	-.282	-.282	0	%100
110	MP3C	Z	-.488	-.488	0	%100
111	MP4C	X	-.282	-.282	0	%100
112	MP4C	Z	-.488	-.488	0	%100
113	M43	X	-.251	-.251	0	%100
114	M43	Z	-.435	-.435	0	%100
115	M44	X	0	0	0	%100
116	M44	Z	0	0	0	%100
117	M45	X	-.251	-.251	0	%100
118	M45	Z	-.435	-.435	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	M24	Y	-1.597	-4.066	0	.832
2	M24	Y	-4.066	-6.636	.832	1.665
3	M24	Y	-6.636	-7.874	1.665	2.497
4	M24	Y	-7.874	-6.293	2.497	3.329
5	M24	Y	-6.293	-3.33	3.329	4.162
6	M25	Y	-3.329	-6.32	0	.832
7	M25	Y	-6.32	-7.943	.832	1.665
8	M25	Y	-7.943	-6.773	1.665	2.497
9	M25	Y	-6.773	-4.256	2.497	3.329
10	M25	Y	-4.256	-1.812	3.329	4.162
11	M26	Y	-1.807	-4.258	0	.832
12	M26	Y	-4.258	-6.771	.832	1.665
13	M26	Y	-6.771	-7.939	1.665	2.497
14	M26	Y	-7.939	-6.325	2.497	3.329
15	M26	Y	-6.325	-3.336	3.329	4.162
16	M27	Y	-3.33	-6.293	0	.832
17	M27	Y	-6.293	-7.874	.832	1.665
18	M27	Y	-7.874	-6.634	1.665	2.497
19	M27	Y	-6.634	-4.064	2.497	3.329
20	M27	Y	-4.064	-1.601	3.329	4.162
21	M22	Y	-1.812	-4.256	0	.832
22	M22	Y	-4.256	-6.773	.832	1.665
23	M22	Y	-6.773	-7.943	1.665	2.497
24	M22	Y	-7.943	-6.32	2.497	3.329
25	M22	Y	-6.32	-3.329	3.329	4.162
26	M23	Y	-3.33	-6.293	0	.832
27	M23	Y	-6.293	-7.874	.832	1.665
28	M23	Y	-7.874	-6.636	1.665	2.497
29	M23	Y	-6.636	-4.066	2.497	3.329
30	M23	Y	-4.066	-1.597	3.329	4.162

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]

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,%]
1	M24	Y	-4.792	-12.197	0	.832
2	M24	Y	-12.197	-19.909	.832	1.665
3	M24	Y	-19.909	-23.621	1.665	2.497
4	M24	Y	-23.621	-18.879	2.497	3.329
5	M24	Y	-18.879	-9.99	3.329	4.162
6	M25	Y	-9.986	-18.961	0	.832
7	M25	Y	-18.961	-23.828	.832	1.665
8	M25	Y	-23.828	-20.32	1.665	2.497
9	M25	Y	-20.32	-12.768	2.497	3.329
10	M25	Y	-12.768	-5.436	3.329	4.162
11	M26	Y	-5.421	-12.774	0	.832
12	M26	Y	-12.774	-20.312	.832	1.665
13	M26	Y	-20.312	-23.816	1.665	2.497
14	M26	Y	-23.816	-18.975	2.497	3.329
15	M26	Y	-18.975	-10.009	3.329	4.162
16	M27	Y	-9.989	-18.878	0	.832
17	M27	Y	-18.878	-23.621	.832	1.665
18	M27	Y	-23.621	-19.903	1.665	2.497
19	M27	Y	-19.903	-12.193	2.497	3.329
20	M27	Y	-12.193	-4.804	3.329	4.162
21	M22	Y	-5.436	-12.768	0	.832
22	M22	Y	-12.768	-20.32	.832	1.665
23	M22	Y	-20.32	-23.828	1.665	2.497
24	M22	Y	-23.828	-18.961	2.497	3.329
25	M22	Y	-18.961	-9.986	3.329	4.162
26	M23	Y	-9.99	-18.879	0	.832
27	M23	Y	-18.879	-23.621	.832	1.665
28	M23	Y	-23.621	-19.909	1.665	2.497
29	M23	Y	-19.909	-12.197	2.497	3.329
30	M23	Y	-12.197	-4.792	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N75	N73	N51	N52	Y	Two Way	-.005
2	N78	N79	N102	N100	Y	Two Way	-.005
3	N9	N8	N46	N48	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N75	N73	N51	N52	Y	Two Way	-.015
2	N78	N79	N102	N100	Y	Two Way	-.015
3	N9	N8	N46	N48	Y	Two Way	-.015

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N2	max	938.894	10	3098.424	13	2393.688	1	6.668	13	1.441	4	.303	5
2		min	-914.454	4	226.194	7	-2518.159	7	-.911	7	-1.412	10	-.192	11
3	N3	max	2023.481	9	2894.606	21	1151.849	3	.633	3	1.274	12	.813	3
4		min	-2181.334	3	118.013	3	-1110.628	9	-3.02	21	-1.27	6	-5.496	21
5	N4	max	2140.481	11	3037.369	17	1447.381	12	.403	11	1.416	8	5.5	17
6		min	-2008.003	5	177.915	11	-1361.409	6	-3.34	17	-1.356	2	-.982	11
7	Totals:	max	4795.881	10	8314.274	14	4855.878	1						
8		min	-4795.875	4	3088.709	8	-4855.855	7						

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

	Mem...	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	Cb	Eqn
1	M1	PIPE...	.163	7.552	20	.085	8.203		7	282...	652...	5.749	5.749	1...	H1...
2	M2	PIPE...	.170	7.552	13	.089	8.203		11	282...	652...	5.749	5.749	1...	H1...
3	M3	PIPE...	.164	7.552	16	.090	8.203		3	282...	652...	5.749	5.749	1...	H1...
4	M4	HSS4...	.415	0	13	.094	0	y	14	124...	139...	16....	16....	2...	H1...
5	M5	HSS4...	.389	0	21	.086	0	y	22	124...	139...	16....	16....	2...	H1...
6	M6	HSS4...	.403	0	17	.096	0	y	43	124...	139...	16....	16....	2...	H1...
7	M7	PL1/2...	.183	.516	12	.127	.516	y	10	660...	972...	1.012	12.15	1...	H1...
8	M8	PL1/2...	.064	.112	1	.109	0	y	11	967...	972...	1.012	12.15	1...	H1...
9	M9	PL1/2...	.070	.112	1	.090	.112	y	9	967...	972...	1.012	12.15	1...	H1...
10	M10	PL1/2...	.185	.516	8	.124	.516	y	6	660...	972...	1.012	12.15	1...	H1...
11	M11	PL1/2...	.063	.112	9	.103	0	y	7	967...	972...	1.012	12.15	1...	H1...
12	M12	PL1/2...	.068	.112	9	.091	.112	y	5	967...	972...	1.012	12.15	1.1	H1...
13	M13	PL1/2...	.186	.516	4	.156	.516	y	26	660...	972...	1.012	12.15	1...	H1...
14	M14	PL1/2...	.061	.112	5	.159	0	y	27	967...	972...	1.012	12.15	1...	H1...
15	M15	PL1/2...	.069	.112	5	.094	.112	y	1	967...	972...	1.012	12.15	1...	H1...
16	M16	HSS4...	.200	2.375	14	.066	2.375	y	13	136...	139...	16....	16....	1...	H1...
17	M17	HSS4...	.201	0	24	.058	0	y	13	136...	139...	16....	16....	1...	H1...
18	M18	HSS4...	.199	2.375	22	.065	2.375	y	21	136...	139...	16....	16....	1...	H1...
19	M19	HSS4...	.198	0	20	.056	0	y	21	136...	139...	16....	16....	1...	H1...
20	M20	HSS4...	.197	2.375	18	.064	2.375	y	17	136...	139...	16....	16....	1...	H1...
21	M21	HSS4...	.199	0	16	.057	0	y	17	136...	139...	16....	16....	1...	H1...
22	M22	L2x2x3	.144	4.162	2	.015	4.162	y	17	982...	233...	.558	1.088	1.2	H2...
23	M23	L2x2x3	.139	0	1	.015	0	y	21	982...	233...	.558	1.078	1...	H2...
24	M24	L2x2x3	.142	4.162	10	.015	4.162	y	13	982...	233...	.558	1.089	1...	H2...
25	M25	L2x2x3	.142	0	9	.015	0	y	17	982...	233...	.558	1.077	1...	H2...
26	M26	L2x2x3	.146	4.162	6	.015	4.162	y	21	982...	233...	.558	1.088	1.2	H2...
27	M27	L2x2x3	.137	0	5	.015	0	y	14	982...	233...	.558	1.078	1...	H2...
28	M28	PL3/8...	.227	0	4	.243	0	y	17	706...	729...	.57	9.113	1...	H1...
29	M29	PL3/8...	.247	.167	8	.404	0	y	14	715...	729...	.57	9.113	1...	H1...
30	M30	PL3/8...	.187	0	1	.323	0	y	20	706...	729...	.57	9.113	1...	H1...
31	M31	PL3/8...	.238	.167	7	.391	0	y	13	715...	729...	.57	9.113	1...	H1...
32	M32	PL3/8...	.217	0	12	.255	0	y	13	706...	729...	.57	9.113	1...	H1...
33	M33	PL3/8...	.255	.167	4	.403	0	y	22	715...	729...	.57	9.113	1...	H1...
34	M34	PL3/8...	.196	0	9	.324	0	y	16	706...	729...	.57	9.113	1...	H1...
35	M35	PL3/8...	.241	.167	3	.383	0	y	21	715...	729...	.57	9.113	1...	H1...
36	M36	PL3/8...	.219	0	8	.242	0	y	21	706...	729...	.57	9.113	1...	H1...
37	M37	PL3/8...	.245	.167	12	.397	0	y	18	715...	729...	.57	9.113	1...	H1...
38	M38	PL3/8...	.196	0	4	.334	0	y	24	706...	729...	.57	9.113	1...	H1...
39	M39	PL3/8...	.246	.167	11	.386	0	y	17	715...	729...	.57	9.113	1...	H1...
40	M40	PIPE...	.288	4.297	8	.144	1.042		7	629...	330...	1.925	1.925	2...	H1...
41	M41	PIPE...	.301	4.297	12	.150	1.042		11	629...	330...	1.925	1.925	2...	H1...
42	M42	PIPE...	.300	4.297	4	.152	1.042		3	629...	330...	1.925	1.925	2...	H1...
43	OVP2	PIPE...	.101	2.75	1	.012	2.75		1	288...	321...	1.872	1.872	1	H1...
44	OVP1	PIPE...	.101	2.75	7	.012	2.75		7	288...	321...	1.872	1.872	1...	H1...
45	MP1A	PIPE...	.273	5.5	9	.132	2.5		8	149...	321...	1.872	1.872	4...	H1...
46	MP2A	PIPE...	.348	5.5	9	.093	5.5		10	300...	507...	3.596	3.596	3...	H1...
47	MP3A	PIPE...	.423	5.5	5	.095	5.5		6	149...	321...	1.872	1.872	4...	H1...
48	MP4A	PIPE...	.311	5.5	17	.104	5.5		6	149...	321...	1.872	1.872	4...	H1...
49	MP1B	PIPE...	.284	5.5	1	.143	2.5		12	149...	321...	1.872	1.872	4...	H1...
50	MP2B	PIPE...	.364	5.5	2	.098	5.5		10	300...	507...	3.596	3.596	3...	H1...
51	MP3B	PIPE...	.419	5.5	9	.097	4.417		11	149...	321...	1.872	1.872	4...	H1...
52	MP4B	PIPE...	.315	5.5	21	.112	5.5		10	149...	321...	1.872	1.872	1...	H1...
53	MP1C	PIPE...	.274	5.5	5	.138	2.5		4	149...	321...	1.872	1.872	3...	H1...
54	MP2C	PIPE...	.339	5.5	5	.098	2.5		2	300...	507...	3.596	3.596	3...	H1...
55	MP3C	PIPE...	.447	5.5	1	.105	5.5		3	149...	321...	1.872	1.872	4...	H1...
56	MP4C	PIPE...	.337	5.5	13	.115	5.5		2	149...	321...	1.872	1.872	3...	H1...

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

	Mem...	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*...	phi*...	phi*...	phi*...	Cb	Eqn
57	M43	L2.5x...	.408	0	7	.075	0	z	2	366...	385...	1.114	2.537	2...	H2...
58	M44	L2.5x...	.423	0	11	.073	0	z	12	366...	385...	1.114	2.537	2...	H2...
59	M45	L2.5x...	.427	0	3	.074	0	z	10	366...	385...	1.114	2.537	2...	H2...

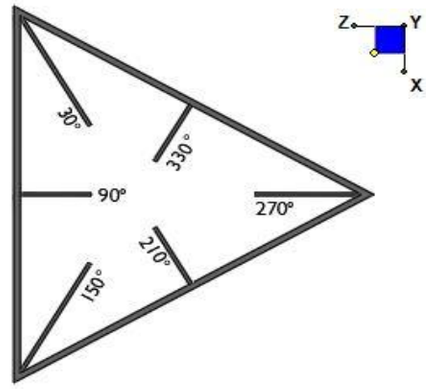
Client:	Verizon Wireles	Date:	6/14/2021
Site Name:	Hartford S 5 CT		
Project No.	21777460A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

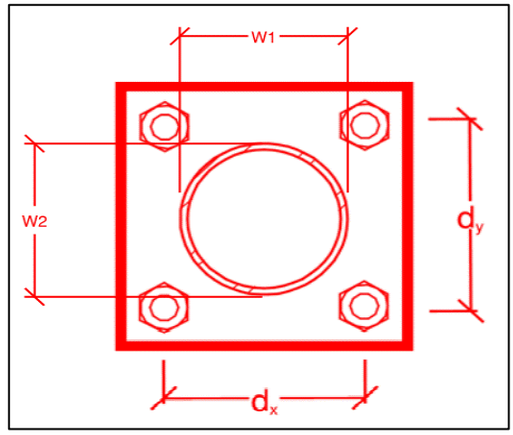
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N2	270
N3	30
N4	150



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):	27.1
Required Shear Strength (kips):	4.5
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**32.8%***
Shear Capacity Overall:	**9.1%**



**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):	3.79
Plate Bending Capacity:	**37.3%**
Weld Capacity:	**45.3%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	13.6
$Phi*Mn_{xx}$ *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	0.0
$Phi*Mn_{yy}$ *(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 remove and replace the existing mounts with a SitePro1 RMQP-4XX Platform Mount. Contractor to replace the collar in the spec with SitePro1 P/N: LWRM to fit pole diameter (Up to 45”).

-The support rail shall be installed at 3’ above the bottom horizontal.

-Contractor to install the mount such that the mount azimuth is the same as the antenna azimuth.

-Contractor shall install 36” long P2.0 STD equipment pipe on standoff arm in Alpha and Gamma sector. Attach the proposed equipment pipe to the standoff with crossover plate (Site Pro 1 Part #: SQCX4-K or EOR approved equivalent). Install equipment pipe with 33" above the standoff. Contractor shall attach proposed OVP 12” from the top of equipment pipe.

-Contractor shall install (3) 96” long P2.0 STD for positions 1,3 and 4. Contractor to install (1) 96" long P2.5STD mount pipes for position 2 for each sector. All pipes are equally spaced with top of pipe 30” from the support rail. Positions read from in front of the mount, starting on the right.

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: 46 345-VZW - HARTFORD S 5 CT

Sector: **A** 6/15/2021

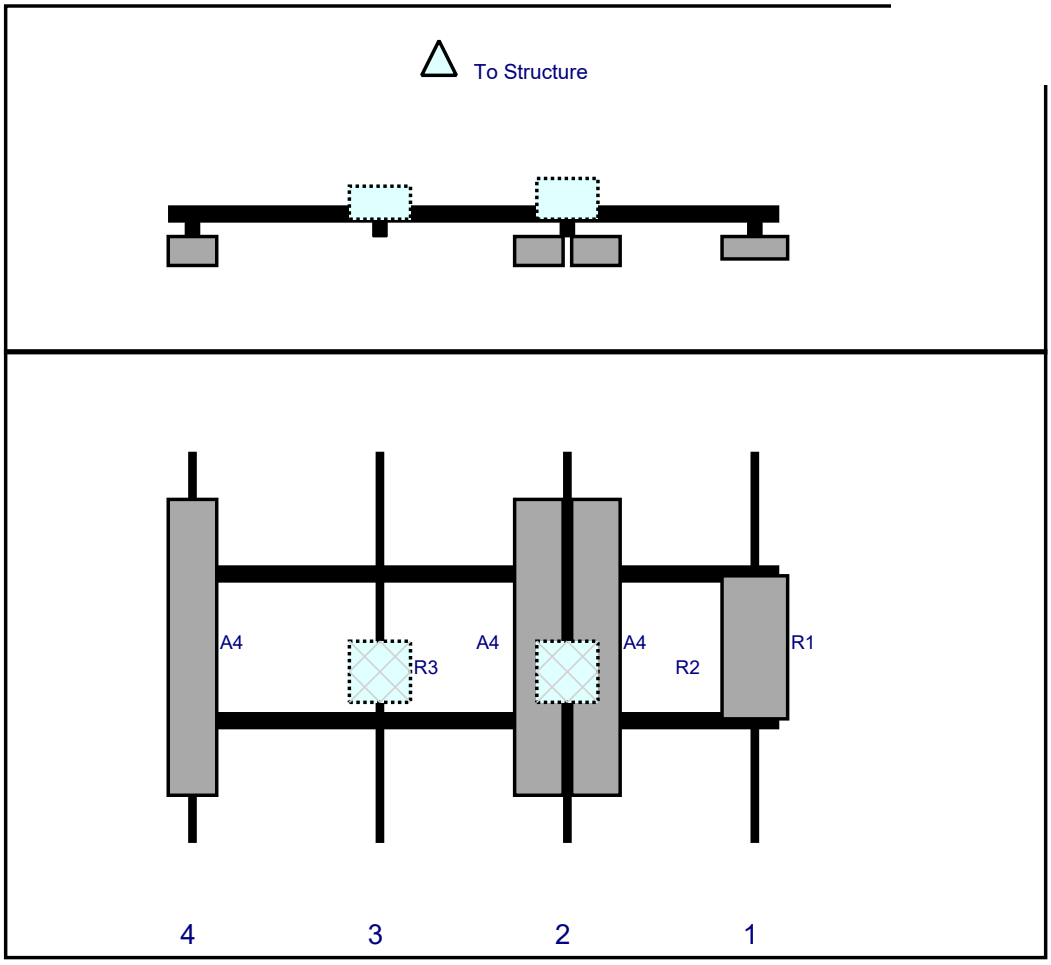
Structure Type: Monopole 10069539

Mount Elev: 77.50 Page: 1

MASER CONSULTING — CONNECTICUT —

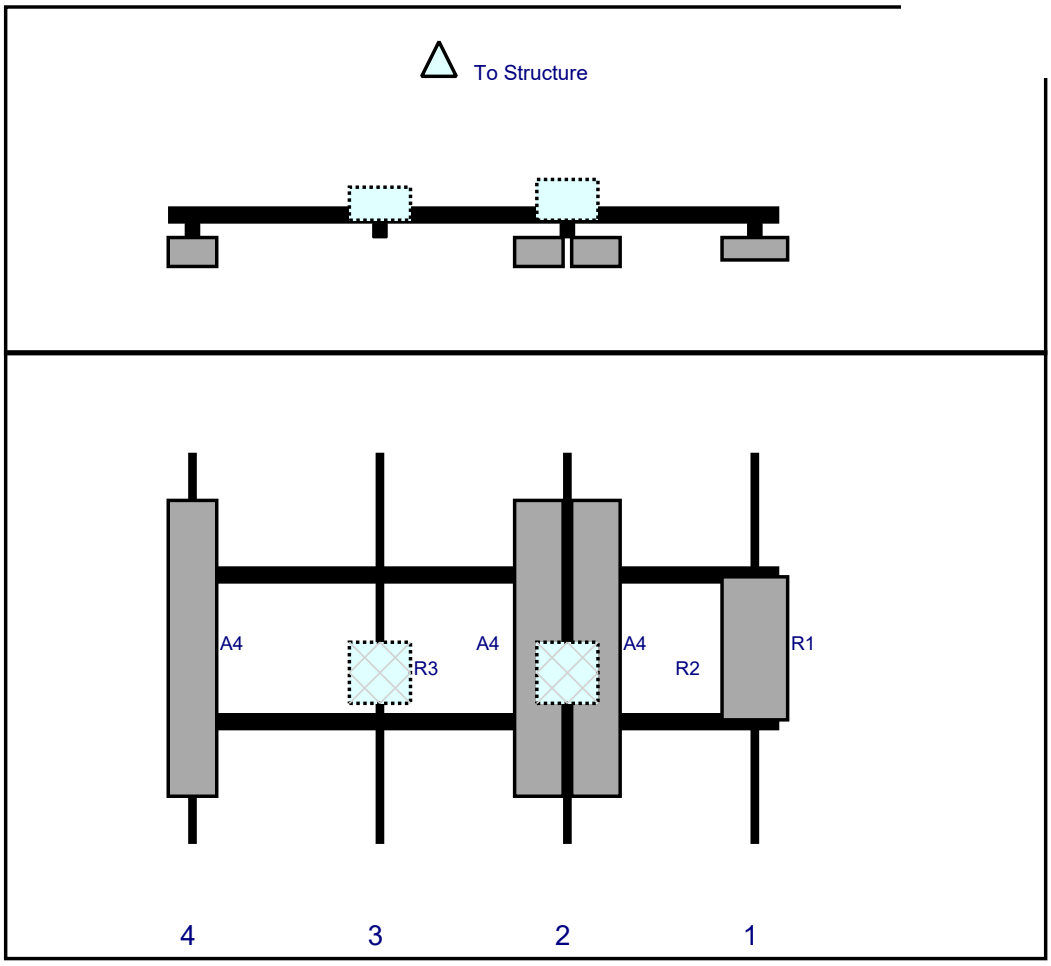
Plan View

Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R1	MT6407-77A	35.1	16.1	144	1	a	Front	48	0	Added	
A4	SBNHH-1D65B	72.6	11.9	98	2	a	Front	48	7	Retained	03/29/2021
A4	SBNHH-1D65B	72.6	11.9	98	2	b	Front	48	-7	Retained	03/29/2021
R2	B2/B66A RRH-BR049	15	15	98	2	a	Behind	54	0	Added	
R3	B5/B13 RRH-BR04C	15	15	52	3	a	Behind	54	0	Added	
A4	SBNHH-1D65B	72.6	11.9	6	4	a	Front	48	0	Retained	03/29/2021

Plan View

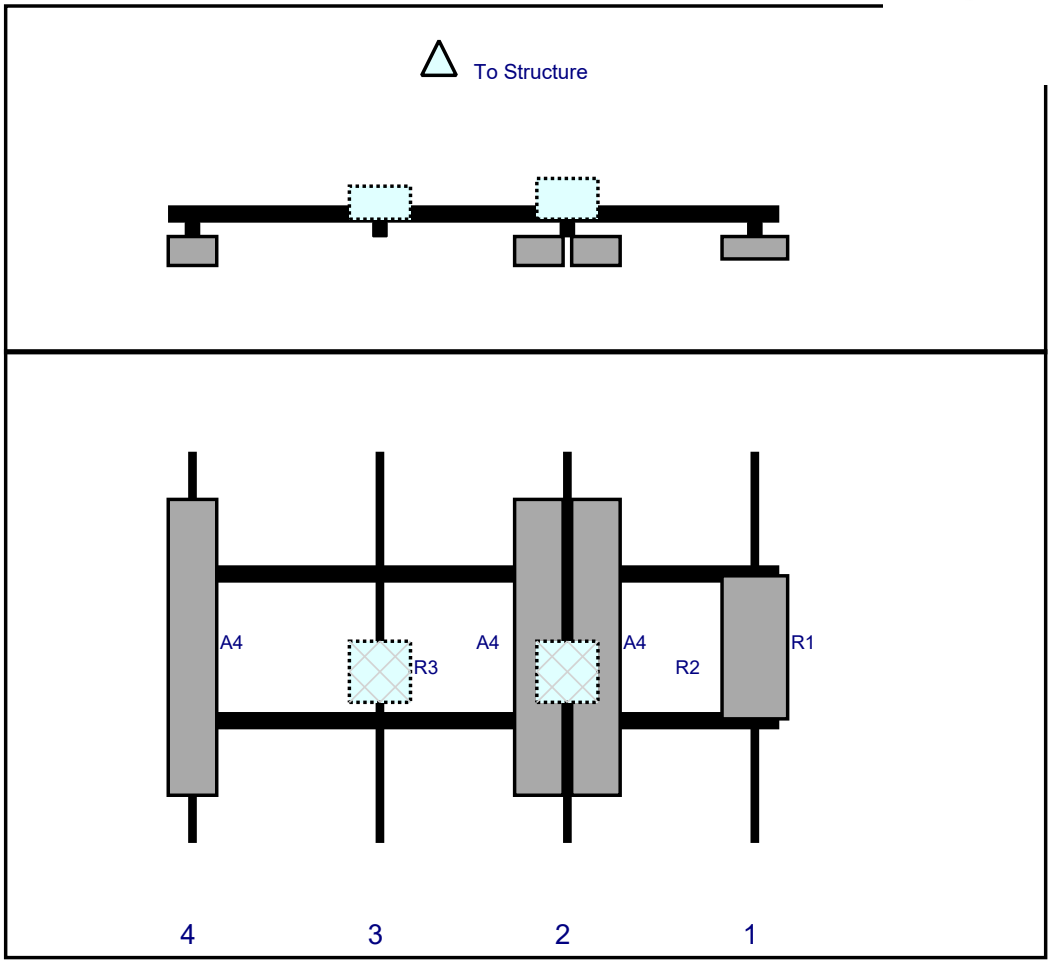


Front View
Looking at Structure

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
R1	MT6407-77A	35.1	16.1	144	1	a	Front	48	0	Added	
A4	SBNHH-1D65B	72.6	11.9	98	2	a	Front	48	7	Retained	03/29/2021
A4	SBNHH-1D65B	72.6	11.9	98	2	b	Front	48	-7	Retained	03/29/2021
R2	B2/B66A RRH-BR049	15	15	98	2	a	Behind	54	0	Added	
R3	B5/B13 RRH-BR04C	15	15	52	3	a	Behind	54	0	Added	
A4	SBNHH-1D65B	72.6	11.9	6	4	a	Front	48	0	Retained	03/29/2021

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
R1	MT6407-77A	35.1	16.1	144	1	a	Front	48	0	Added	
A4	SBNHH-1D65B	72.6	11.9	98	2	a	Front	48	7	Retained	03/29/2021
A4	SBNHH-1D65B	72.6	11.9	98	2	b	Front	48	-7	Retained	03/29/2021
R2	B2/B66A RRH-BR049	15	15	98	2	a	Behind	54	0	Added	
R3	B5/B13 RRH-BR04C	15	15	52	3	a	Behind	54	0	Added	
A4	SBNHH-1D65B	72.6	11.9	6	4	a	Front	48	0	Retained	03/29/2021

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	Site ID:	468345-VZW / HARTFORD S 5 CT
	Site Name:	HARTFORD S 5 CT
	Carrier Name:	Verizon Wireless
	Address:	99 Meadow St Hartford, Connecticut 06114 Hartford County
	Latitude:	41.74319444°
	Longitude:	-72.66752777°
Structure Information	Tower Type:	Monopole
	Mount Type:	12.50-ft Platform

To Whom It May Concern,

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

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

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

Dejian Xu

Dejian Xu, PE
Technical Manager

Site Name: ***HARTFORD S 5 CT***
Cumulative Power Density

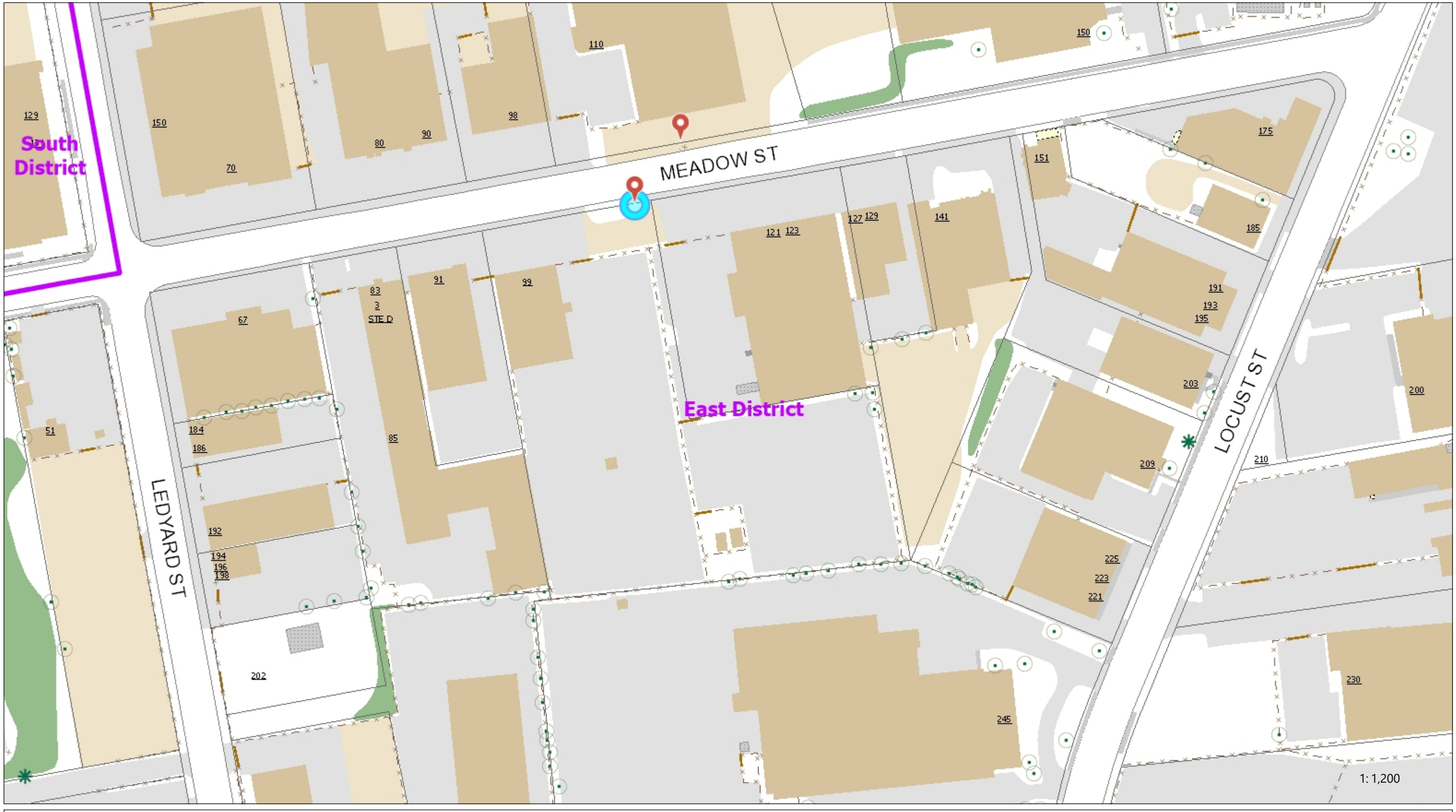
Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	697	2788	79	0.0161	0.5007	3.21%
VZW Cellular	869	4	788	3153	79	0.0182	0.5793	3.14%
VZW PCS	1975	4	1406	5625	79	0.0324	1.0000	3.24%
VZW AWS	2120	4	1519	6077	79	0.0350	1.0000	3.50%
VZW CBAND	3730.08	4	6531	26125	79	0.1505	1.0000	15.05%
Total Percentage of Maximum Permissible Exposure								28.14%

*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.

City of Hartford - Property Map



200 0 100 200 Feet

City of Hartford GIS Services - HartfordGIS

Date Printed: 7/12/2021

The planimetric information depicted on this map was compiled by The Sanborn Map Company and is based on an aerial flight performed in April 2015. In addition, the City's GIS staff has been updating limited planimetric features on a yearly basis. The intent of this map is to depict a graphical representation of real property information relative to the planimetric features for the City of Hartford and is subject to change as a more accurate survey may disclose. The City of Hartford and the mapping company assume no legal responsibility for the information contained in this data. THIS MAP IS NOT TO BE USED FOR THE TRANSFER OF PROPERTY

Unofficial Property Record Card - Hartford, CT

General Property Data

Parcel ID	275-690-115	**Account Number**	
Prior Parcel ID			
Property Owner	MEADOW STREET REALTY LLC	**Property Location**	99 MEADOW ST
		Property Use	AUTO REPAIR
Mailing Address	99 MEADOW ST	**Most Recent Sale Date**	4/7/2000
		Legal Reference	04225-0189
City	HARTFORD	**Grantor**	MEADOW STREET REALTY, LLC
Mailing State	CT Zip 06114-1506	**Sale Price**	0
ParcelZoning	ID-1	**Land Area**	124,146.000 acres

Current Property Assessment

Card 1 Value	Building Value	Xtra Features Value	Land Value	Total Value
	171,850	10,150	247,660	429,660

Building Description

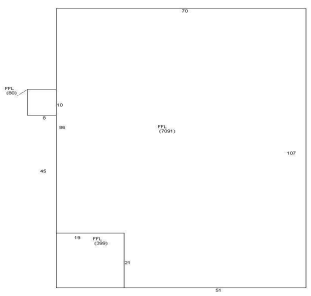
Building Style	AUTO SERVICE	**Foundation Type**	Concrete	**Flooring Type**	CONCRETE
# of Living Units	0	**Frame Type**	Wood Frame	**Basement Floor**	N/A
Year Built	1979	**Roof Structure**	FLAT	**Heating Type**	Steam
Building Grade	Average	**Roof Cover**	Asphalt	**Heating Fuel**	Gas
Building Condition	N/A	**Siding**	Conc Block	**Air Conditioning**	0%
Finished Area (SF)	N/A	**Interior Walls**	AVERAGE	**# of Bsmt Garages**	0
Number Rooms	0	**# of Bedrooms**	0	**# of Full Baths**	0
# of 3/4 Baths	0	**# of 1/2 Baths**	0	**# of Other Fixtures**	0

Legal Description

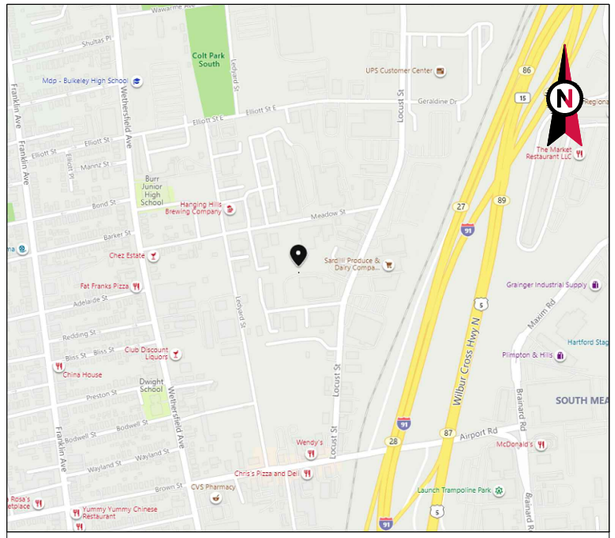
Narrative Description of Property

This property contains 124,146.000 acres of land mainly classified as AUTO REPAIR with a(n) AUTO SERVICE style building, built about 1979 , having Conc Block exterior and Asphalt roof cover, with 0 commercial unit(s) and 0 residential unit(s), 0 room(s), 0 bedroom(s), 0 bath(s), 0 half bath(s).

Property Images



Disclaimer: This information is believed to be correct but is subject to change and is not warranteed.



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: PETRO LOCK
ATC SITE NUMBER: 302468
VERIZON SITE NAME: HARTFORD SO V
VERIZON SITE NUMBER: 468345
SITE ADDRESS: 99 MEADOW ST
HARTFORD, CT 06114

LOCATION MAP

VERIZON ANTENNA AMENDMENT DRAWINGS

COMPLIANCE CODE

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

1. 2018 INTERNATIONAL BUILDING CODE (IBC)
2. 2017 NATIONAL ELECTRIC CODE (NEC)
3. 2018 CONNECTICUT STATE BUILDING CODE
4. CITY/COUNTY ORDINANCES

UTILITY COMPANIES

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

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

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

PROJECT SUMMARY

SITE ADDRESS:

99 MEADOW ST

HARTFORD, CT 06114

COUNTY: HARTFORD

GEOGRAPHIC COORDINATES:

LATITUDE: 41.74319722

LONGITUDE: -72.6675

GROUND ELEVATION: 18' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

CLS ENGINEERING, PLLC
319 CHAPANOKE RD, SUITE 118
RALEIGH, NC 27603
PH: (405)348-5460
FAX: (405)341-4625

PROPERTY OWNER:

MEADOW ST REALTY LLC
99 MEADOW ST
HARTFORD,CT 06114

PROJECT DESCRIPTION

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

REPLACE EXISTING MOUNT PER MASER CONSULTING CONNECTICUT MA DATED JUNE 17, 2021

REMOVE (3) ANTENNA(s) AND (9) RRH(s)

INSTALL (3) ANTENNA(s) AND (6) RRH(s)

EXISTING (9) ANTENNA(s), (2) COVP(s) AND (2) 1-5/8" HYBRIFLEX CABLE(s) TO REMAIN

AC ELECTRICAL POWER DESIGN TO BE PERFORMED BY OTHERS

PROJECT NOTES

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

PROJECT LOCATION DIRECTIONS

FROM HARTFORD TAKE I-91 SOUTH TO EXIT 27. TURN RIGHT OFF EXIT AND TAKE 1ST RIGHT ONTO LOCUST. FOLLOW TO MEADOW ST AND TURN LEFT. TOWER IS ON LEFT BEHIND LINEN CO BUSINESS.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	07/02/21	JT
G-002	GENERAL NOTES	0	07/02/21	JT
C-101	DETAILED SITE PLAN	0	07/02/21	JT
C-201	TOWER ELEVATION	0	07/02/21	JT
C-401	ANTENNA INFORMATION & SCHEDULE	0	07/02/21	JT
C-501	CONSTRUCTION DETAILS	0	07/02/21	JT
E-501	GROUNDING DETAILS	0	07/02/21	JT
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			
R-603	SUPPLEMENTAL			

AMERICAN TOWER®

CLS ENGINEERING PLLC
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PH: (405)348-5460 FAX: (405)341-4625

COA# PEC.001833 EXP. 08/14/2021

REV.	DESCRIPTION	BY	DATE
A	PRELIM	MH	05/20/21
0	FOR CONSTRUCTION	JT	07/02/21

ATC SITE NUMBER:
302468

ATC SITE NAME:
PETRO LOCK

VERIZON SITE NAME:
HARTFORD SO V

SITE ADDRESS:
99 MEADOW ST
HARTFORD, CT 06114

SEAL:

STATE OF CONNECTICUT
TYLER M BARKER
No. 32402
LICENSED
PROFESSIONAL ENGINEER

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2021
COA # PEC.001833 Exp. 8/14/2022
07/02/2021

PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	07/02/21
ATC JOB NO:	13668981_D1
CUSTOMER ID:	HARTFORD SO V
CUSTOMER #:	468345

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

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

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

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

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

AMERICAN TOWER®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

COA# PEC.001833 EXP. 08/14/2021

REV.	DESCRIPTION	BY	DATE
A	PRELIM	MH	05/20/21
0	FOR CONSTRUCTION	JT	07/02/21

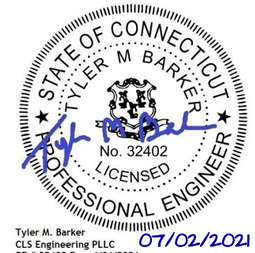
ATC SITE NUMBER:
302468

ATC SITE NAME:
PETRO LOCK

VERIZON SITE NAME:
HARTFORD SO V

SITE ADDRESS:
99 MEADOW ST
HARTFORD, CT 06114

SEAL:



Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2021
COA # PEC.001833 Exp. 8/14/2022
07/02/2021

PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	07/02/21
ATC JOB NO:	13668981_D1
CUSTOMER ID:	HARTFORD SO V
CUSTOMER #:	468345

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

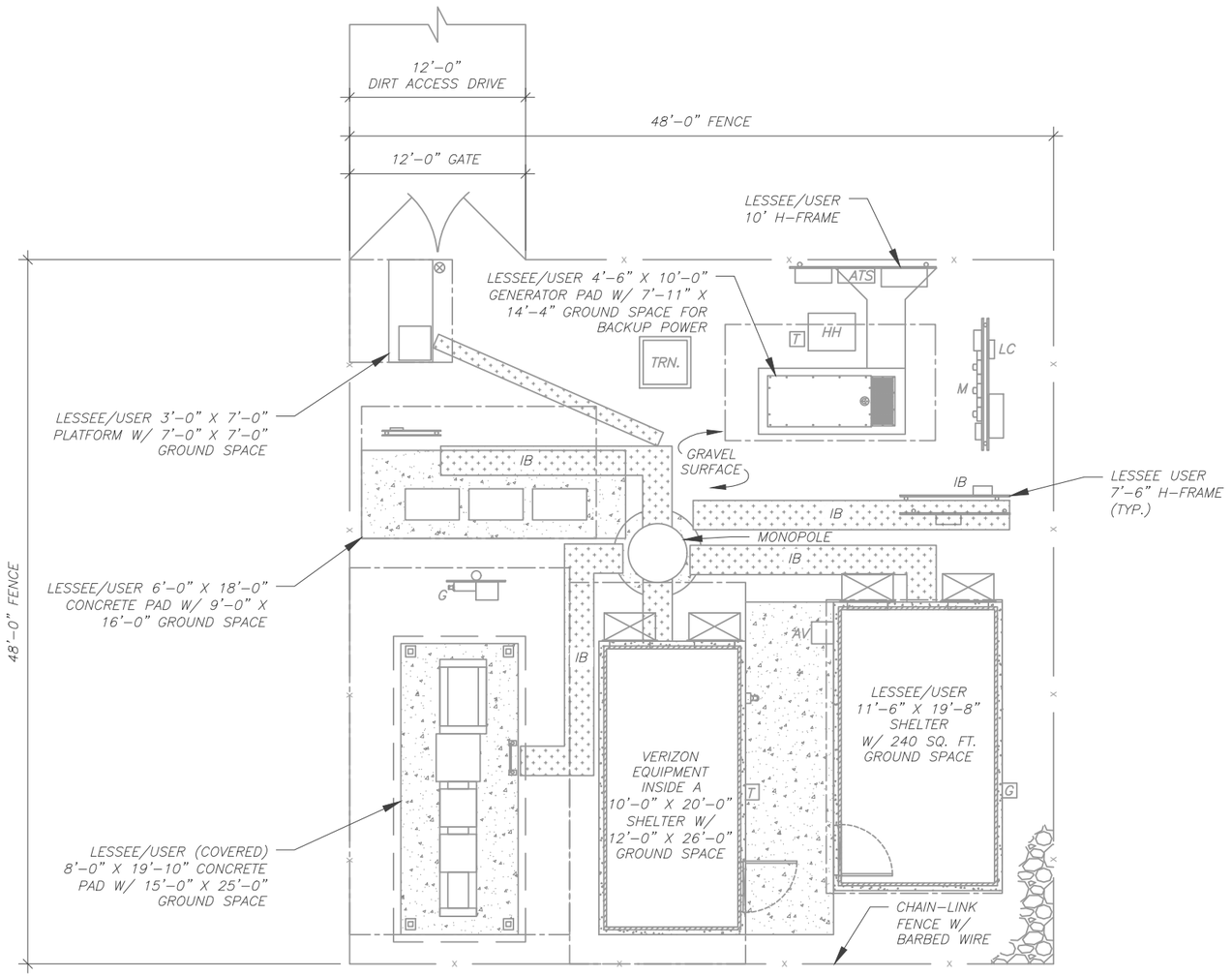
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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

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

LEGEND

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



1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

N

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VERIZON SITE NAME:
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SITE ADDRESS:
99 MEADOW ST
HARTFORD, CT 06114

SEAL:

STATE OF CONNECTICUT · TYLER M BARKER · No. 32402 · LICENSED PROFESSIONAL ENGINEER

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2021
COA # PEC.001833 Exp. 8/14/2022
07/02/2021

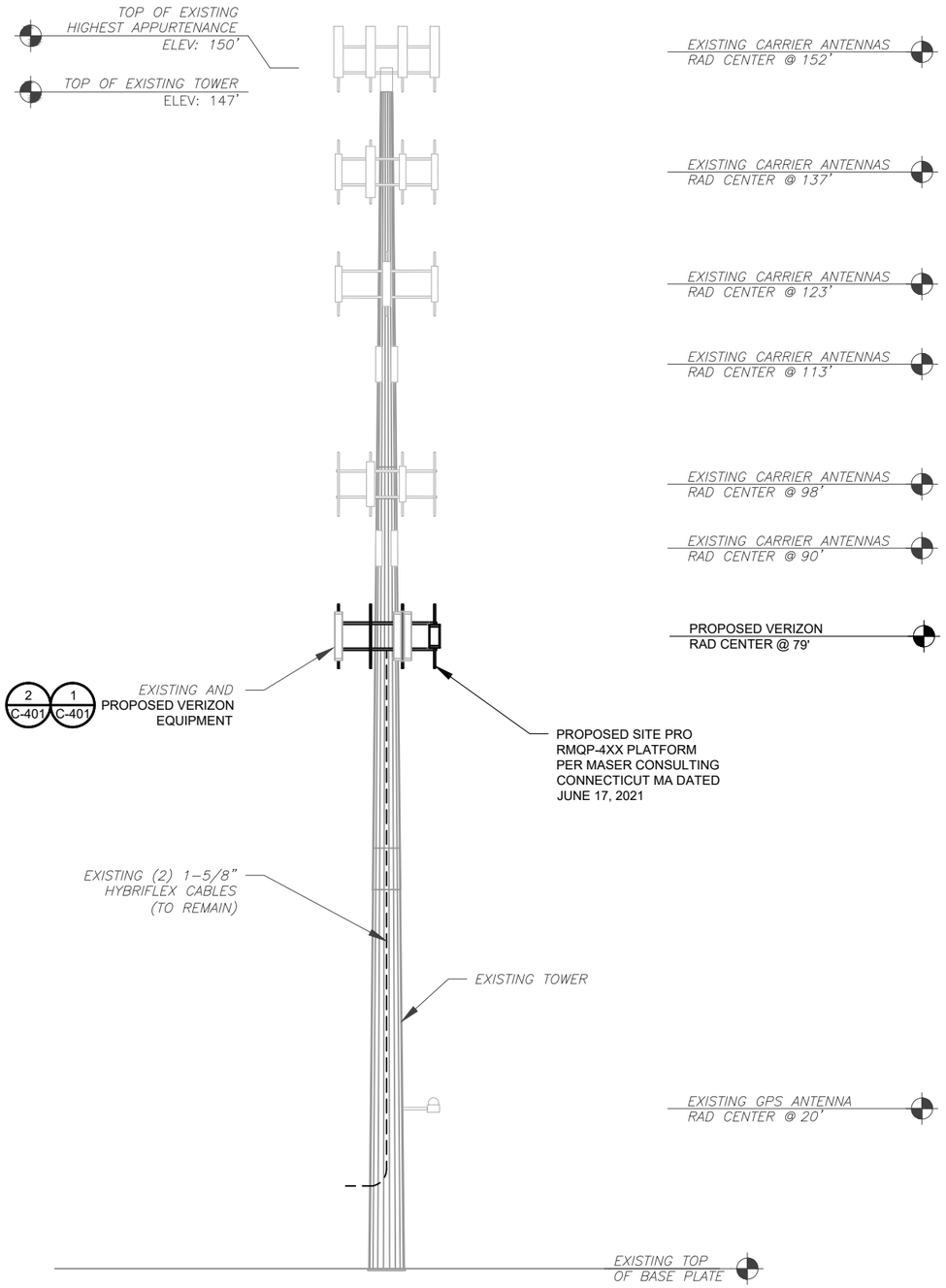
PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	07/02/21
ATC JOB NO:	13668981_D1
CUSTOMER ID:	HARTFORD SO V
CUSTOMER #:	468345

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0



1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED JUNE 17, 2021, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT

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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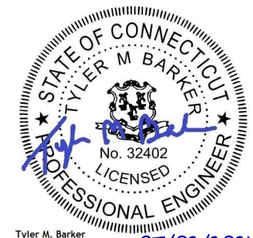

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verizon

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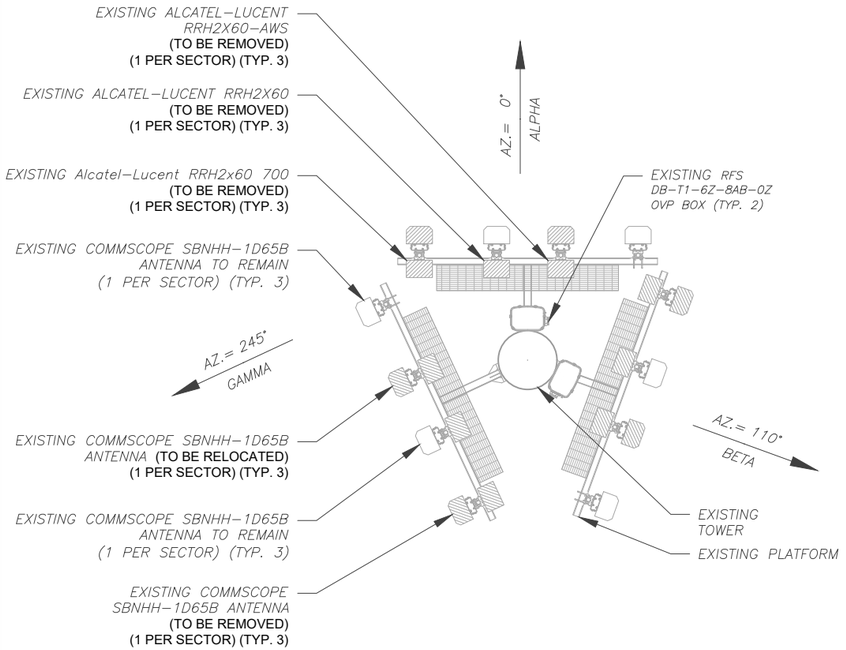
CUSTOMER #:	468345

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0

EXISTING CONFIGURATIONS ARE BASED ON RFDS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.

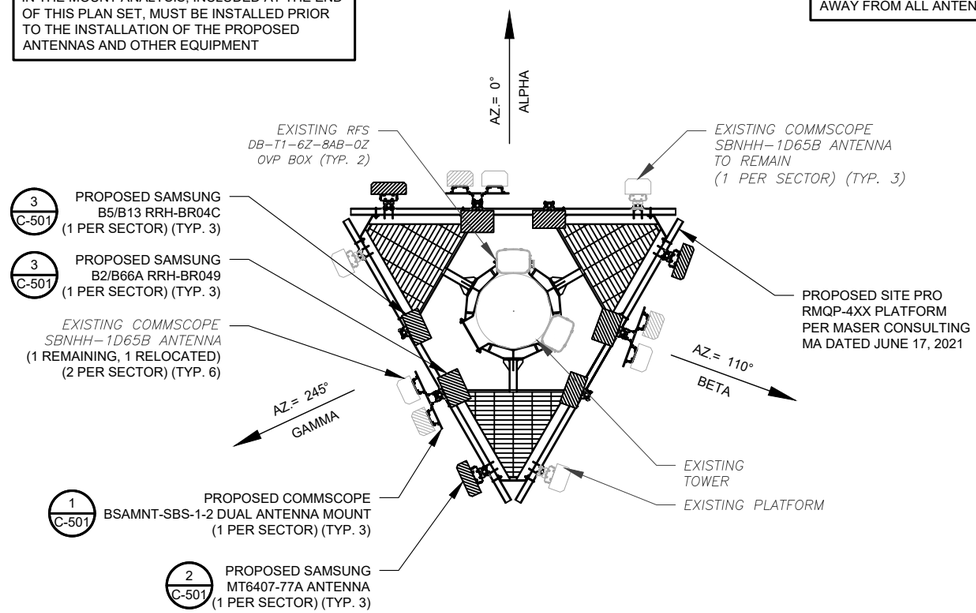


1 EXISTING ANTENNA PLAN
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING CONNECTICUT, DATED JUNE 17, 2021, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT

CONTRACTOR SHALL RE-ORIENT ANTENNA MOUNT(s) AS NECESSARY TO ACHIEVE PROPOSED ANTENNA AZIMUTHS

PROPOSED RRUs MUST BE INSTALLED A MINIMUM OF 12" AWAY FROM ALL ANTENNAS



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	79'	0°	A1	COMMSCOPE SBNHH-1D65B	LTE 700	0/5	RMV	ALCATEL-LUCENT RRH2X60 700	RMV
			A2	COMMSCOPE SBNHH-1D65B	LTE 1900	0/5	RMN	ALCATEL-LUCENT RRH2X60	RMV
			A3	COMMSCOPE SBNHH-1D65B	LTE AWS	0/5	REL	ALCATEL-LUCENT RRH2X60-AWS	RMV
			A4	COMMSCOPE SBNHH-1D65B	LTE CBRS	0/5	RMN	–	–
BETA	79'	110°	B1	COMMSCOPE SBNHH-1D65B	LTE 700	0/5	RMV	ALCATEL-LUCENT RRH2X60 700	RMV
			B2	COMMSCOPE SBNHH-1D65B	LTE 1900	0/5	RMN	ALCATEL-LUCENT RRH2X60	RMV
			B3	COMMSCOPE SBNHH-1D65B	LTE AWS	0/5	REL	ALCATEL-LUCENT RRH2X60-AWS	RMV
			B4	COMMSCOPE SBNHH-1D65B	–	0/5	RMN	–	–
GAMMA	79'	245°	C1	COMMSCOPE SBNHH-1D65B	LTE 700	0/5	RMV	ALCATEL-LUCENT RRH2X60 700	RMV
			C2	COMMSCOPE SBNHH-1D65B	LTE 1900	0/5	RMN	ALCATEL-LUCENT RRH2X60	RMV
			C3	COMMSCOPE SBNHH-1D65B	LTE AWS	0/5	REL	ALCATEL-LUCENT RRH2X60-AWS	RMV
			C4	COMMSCOPE SBNHH-1D65B	–	0/5	RMN	–	–

NOTES

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

STATUS ABBREVIATIONS

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

CABLE LENGTHS FOR JUMPERS

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

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	79'	0°	A1	SAMSUNG MT6407-77A	5G L-SUB6	0/6	ADD	-	-
			A2	(2) COMMSCOPE SBNHH-1D65B	LTE 700/LTE 850 LTE 1900/ LTE 2100	0/5	REL	SAMSUNG B5/B13 RRH-BR04C SAMSUNG B2/B66A RRH-BR049	ADD
			A3	-	-	-	-	-	-
			A4	COMMSCOPE SBNHH-1D65B	LTE CBRS	0/5	RMN	–	–
BETA	79'	110°	B1	SAMSUNG MT6407-77A	5G L-SUB6	0/6	ADD	-	-
			B2	(2) COMMSCOPE SBNHH-1D65B	LTE 700/LTE 850 LTE 1900/ LTE 2100	0/5	REL	SAMSUNG B5/B13 RRH-BR04C SAMSUNG B2/B66A RRH-BR049	ADD
			B3	-	-	-	-	-	-
			B4	COMMSCOPE SBNHH-1D65B	LTE CBRS	0/5	RMN	–	–
GAMMA	79'	245°	C1	SAMSUNG MT6407-77A	5G L-SUB6	0/6	ADD	-	-
			C2	(2) COMMSCOPE SBNHH-1D65B	LTE 700/LTE 850 LTE 1900/ LTE 2100	0/5	REL	SAMSUNG B5/B13 RRH-BR04C SAMSUNG B2/B66A RRH-BR049	ADD
			C3	-	-	-	-	-	-
			C4	COMMSCOPE SBNHH-1D65B	LTE CBRS	0/5	RMN	–	–

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) RFS DB-T1-6Z-8AB-0Z OVP	RMN	–	(2) 1-5/8" HYBRIFLEX	RMN
–	–	–	–	–

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) RFS DB-T1-6Z-8AB-0Z OVP	RMN	–	(2) 1-5/8" HYBRIFLEX	RMN
-	-	-	-	-

3 EQUIPMENT SCHEDULES

AMERICAN TOWER®

CLS ENGINEERING PLLC
319 CHAPANOKE ROAD, SUITE 118, RALEIGH, NC 27603
PH: (405)348-5460 FAX: (405)341-4625

COA# PEC.001833 EXP. 08/14/2021

REV.	DESCRIPTION	BY	DATE
A	PRELIM	MH	05/20/21
0	FOR CONSTRUCTION	JT	07/02/21

ATC SITE NUMBER:
302468

ATC SITE NAME:
PETRO LOCK

VERIZON SITE NAME:
HARTFORD SO V

SITE ADDRESS:
99 MEADOW ST
HARTFORD, CT 06114

SEAL:

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2021
COA # PEC.001833 Exp. 8/14/2022
07/02/2021

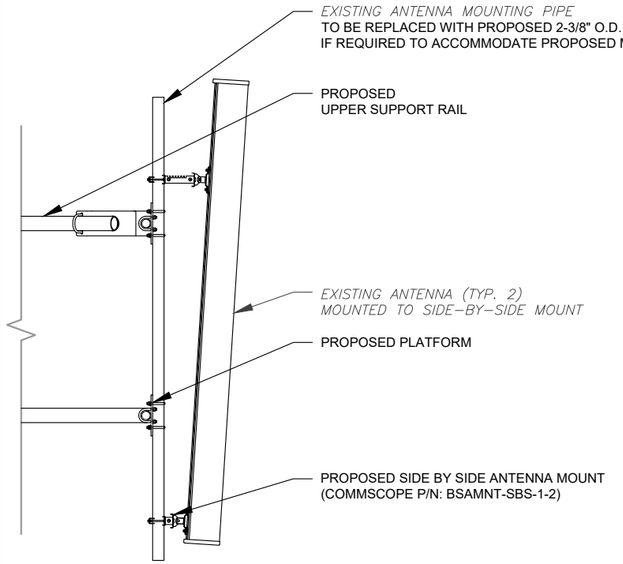
PE# 32402 EXP: 01/31/2022

verizon

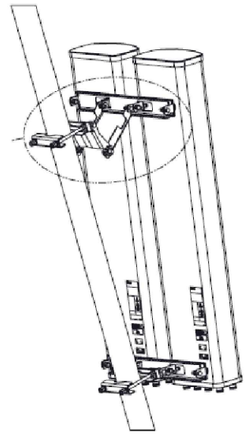
DATE DRAWN:	07/02/21
ATC JOB NO:	13668981_D1
CUSTOMER ID:	HARTFORD SO V
CUSTOMER #:	468345

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



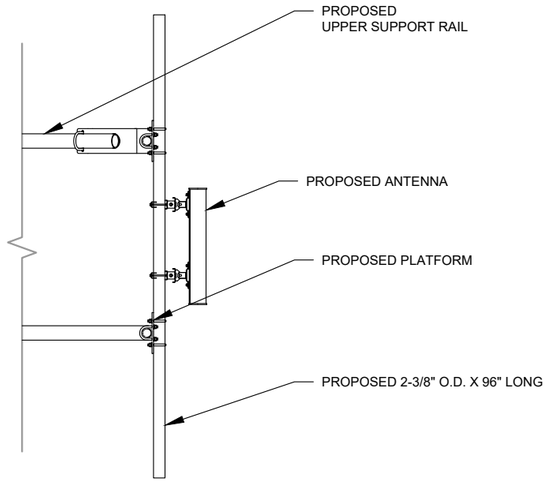
PROFILE VIEW



ISOMETRIC VIEW (BY MANUFACTURER)

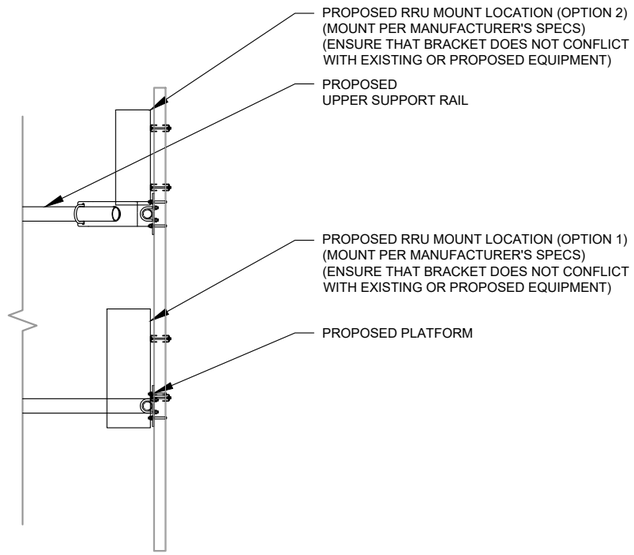
1 PROPOSED SIDE-BY-SIDE MOUNT

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.

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HARTFORD SO V

SITE ADDRESS:
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HARTFORD, CT 06114

SEAL:

Tyler M. Barker
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COA # PEC.001833 Exp. 8/14/2022
07/02/2021

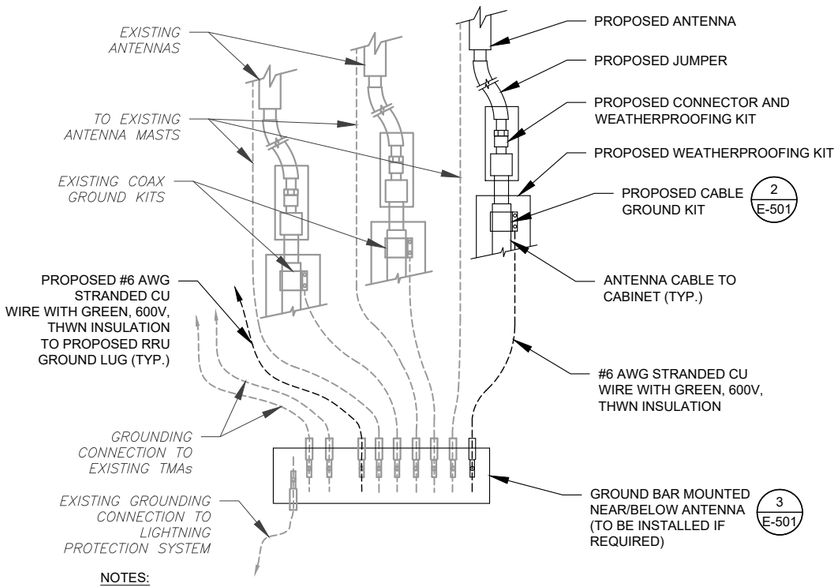
PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	07/02/21
ATC JOB NO:	13668981_D1
CUSTOMER ID:	HARTFORD SO V
CUSTOMER #:	468345

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

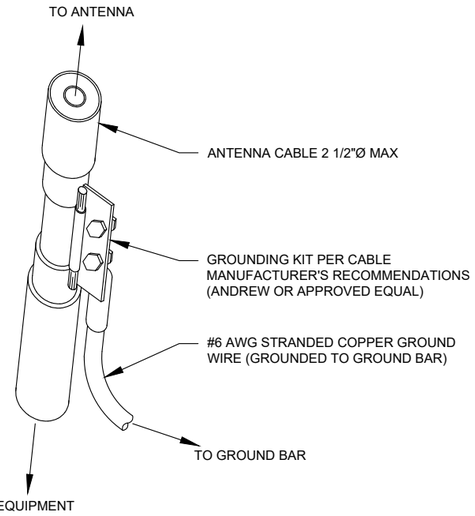


NOTES:

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

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

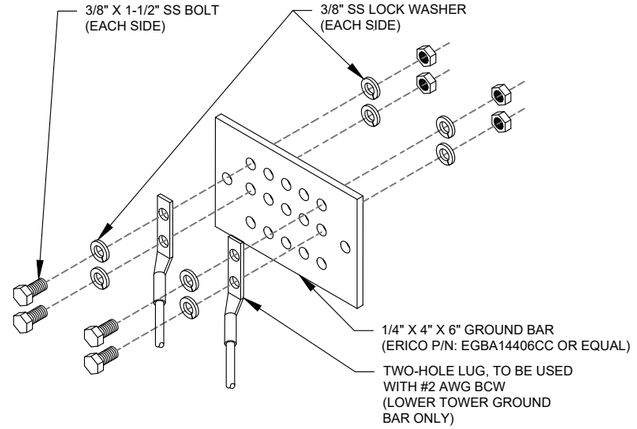


GROUND KIT NOTES:

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

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.



GROUND BAR NOTES:

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

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

AMERICAN TOWER®

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COA# PEC.001833 EXP. 08/14/2021

REV.	DESCRIPTION	BY	DATE
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0	FOR CONSTRUCTION	JT	07/02/21

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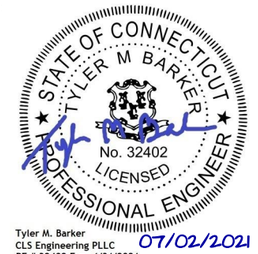

Tyler M. Barker
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PE # 32402 Exp. 1/31/2021
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07/02/2021

PE# 32402 EXP: 01/31/2022

verizon

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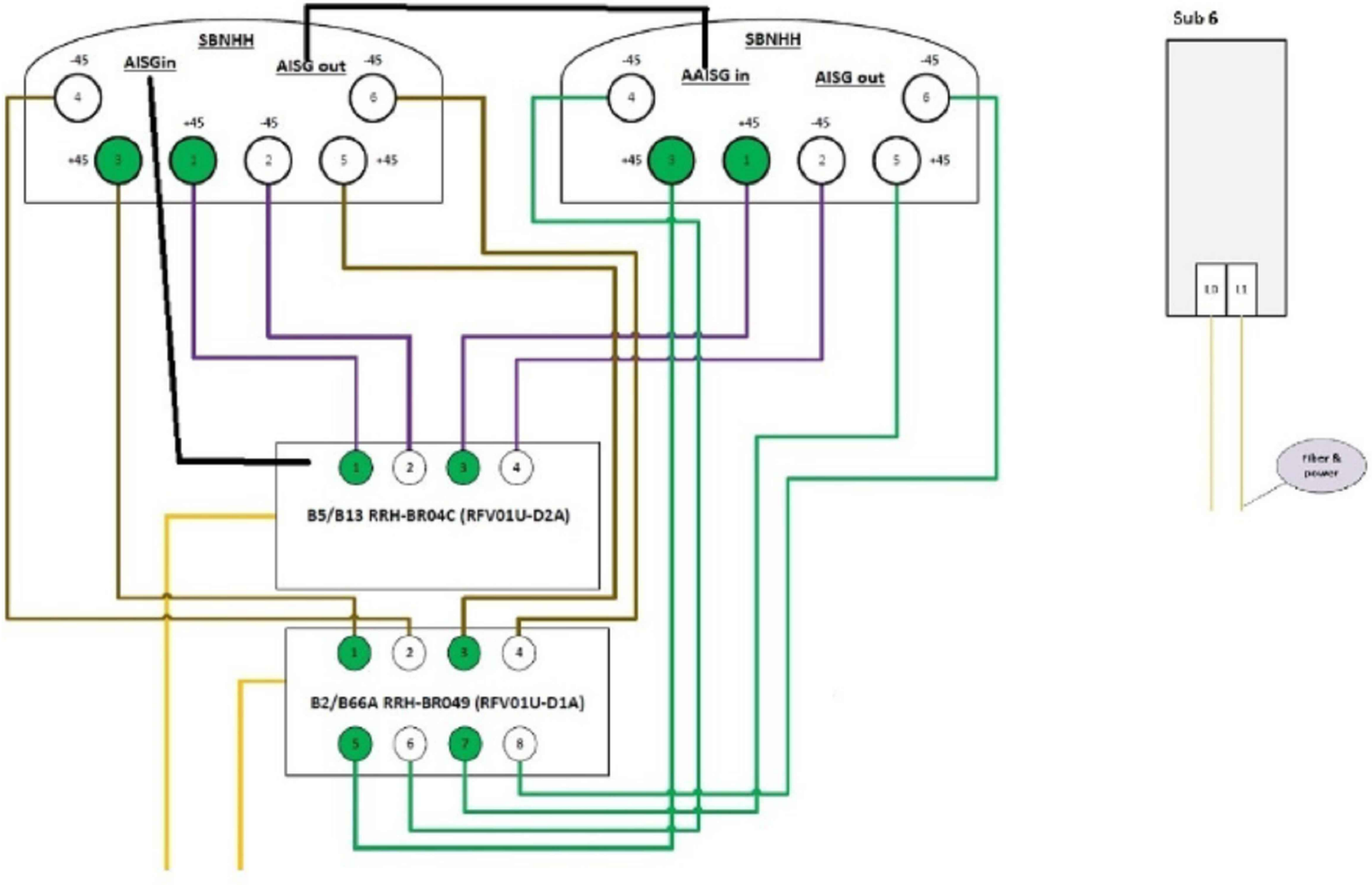
CUSTOMER ID:	HARTFORD SO V
CUSTOMER #:	468345

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0



SUPPLEMENTAL

SHEET NUMBER: R-601

REVISION:

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

New/Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10069539
Maser Consulting Connecticut Project #: 21777460A

June 17, 2021

Site Information

Site ID:	*468345-VZW / HARTFORD S 5 CT*
Site Name:	*HARTFORD S 5 CT*
Carrier Name:	*Verizon Wireless*
Address:	*99 Meadow St* *Hartford, Connecticut 06114* *Hartford County*
Latitude:	*41.74319444°*
Longitude:	*-72.66752777°*

Structure Information

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

FUZE ID # 16272427

Analysis Results

Platform: **45.3% 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: Evelina Lopez

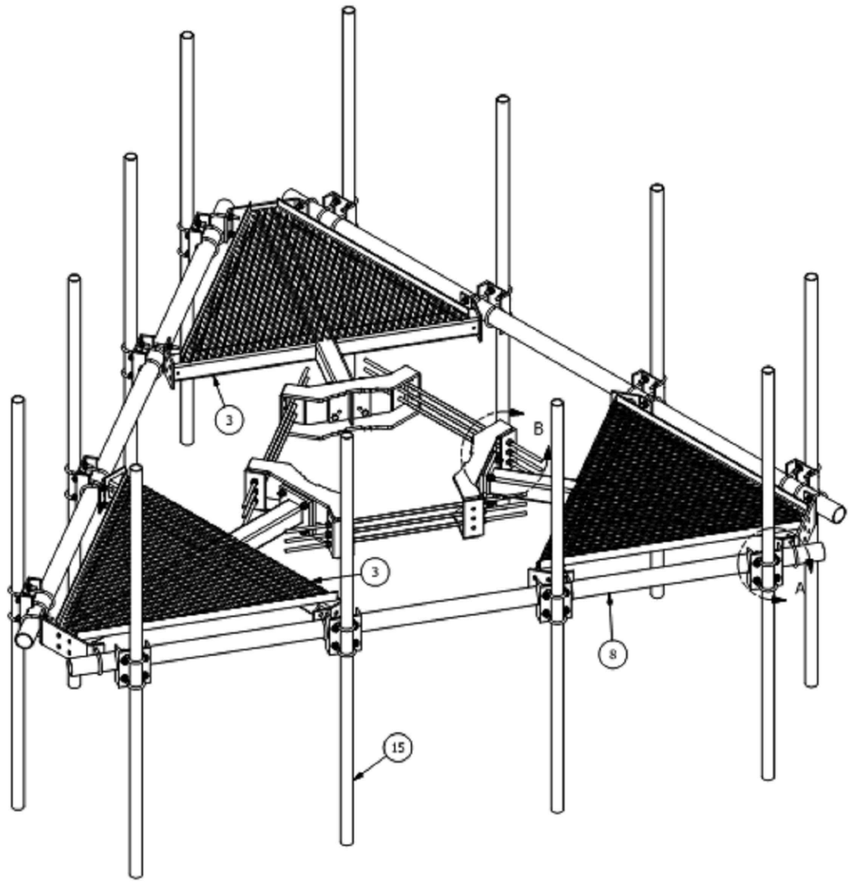
STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED
PROFESSIONAL ENGINEER
06/17/2021

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.

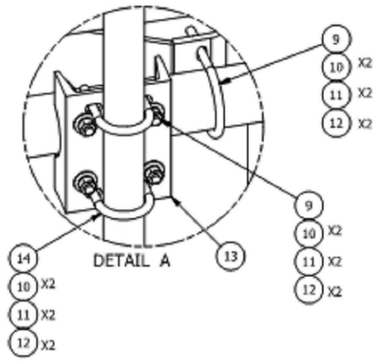
SUPPLEMENTAL

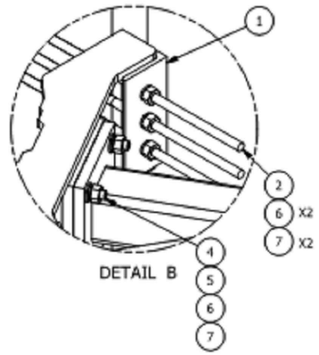
SHEET NUMBER: R-602

REVISION:



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	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.40	3.59
2	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.40	3.59
3	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
4	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2.75	0.36	4.27
5	12	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.41
6	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
7	30	A58NUT	5/8" HDG A325 HEX NUT		0.13	3.90
8	3	P3150	3-1/2" X 150" SCH 40 GALVANIZED PIPE	150.000 in	94.80	284.40
9	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.26	9.25
10	120	G12FW	1/2" HDG USS FLATWASHER		0.03	4.09
11	120	G12LW	1/2" HDG LOCKWASHER		0.01	1.67
12	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
13	12	X-SP219	SMALL SUPPORT CROSS PLATE	8.250 in	8.61	103.33
14	24	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.26	6.17
15	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
RMQP-463	P263	63"	20.18	242.16	1591.11
RMQP-472	P272	72"	23.07	276.84	1625.79
RMQP-484	P284	84"	26.91	322.92	1671.87
RMQP-496	P296	96"	30.76	369.12	1718.07
RMQP-4126	P2126	126"	40.75	489.00	1837.95

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 12' 6" FACE WIDTH
FOR 12" - 38" DIAMETER POLES

DRAWN BY	CPD NO.	DRAWING USAGE
CEK 1/20/2012	semb	CUSTOMER

ENG. APPROVAL

CHECKED BY: BMC 7/9/2015

PART NO.: SEE ASSEMBLY NO. "A"

DWG. NO.: RMQP-4XX

PAGE 1 OF 2

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

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SUPPLEMENTAL

SHEET NUMBER: R-603

REVISION: