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

August 11, 2021

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

RE: Notice of Exempt Modification // Site: BERLIN II CT (ATC: 302483)
260 Beckley Road, Berlin, CT 06307
N 41.6317 // W 72.7299

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains 15 antennas at the 116-ft level on the existing 150-foot monopole tower, located at 260 Beckley Road, Berlin, CT. The tower is owned by American Tower. The property is also owned by John C Matulis, Jr. The Council approved Verizon Wireless use of the existing tower in 2002. Verizon Wireless now intends to remove 9 antennas and install 9 new ones for the LTE (3700 MHz) replacements for its 5G upgrade. Additionally, Verizon Wireless will remove 9 Remote Radio Heads (RRHs) and install with 9 new RRHs, Remove 2 OVPs and install with 2 new OVPs, and remove (12)1-5/8' Coax Cables; 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 Mark H. Kacynski, Mayor for Town of Berlin, its Zoning Enforcement Officer, Maureen Giusti, the tower owner, American Tower, and the property owner, John C Matulis, Jr.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated July 22, 2021, by CLS Engineering, PLLC., a structural analysis dated June 25, 2021, by A.T. Engineering, PLLC., and a structural mount analysis by Maser Consulting Connecticut date July 8, 2021, and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

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

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

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

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

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

6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis by A.T. Engineering, PLLC, dated June 25, 2021, and a structural mount analysis by Maser Consulting Connecticut, dated July 8, 2021, pursuant to certain conditions defined therein. Design and engineering is fully illustrated within final construction drawings, signed and stamped dated July 22, 2021.

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

Sincerely,

MJ Umali

_____

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

Attachments

cc: Mark H. Kacynski, Mayor of Town of Berlin – Chief Elected Official
Maureen Giusti – Zoning Enforcement Officer - as P&Z official
American Tower Corporation - as tower owner
John C Matulis, Jr. - as ground owner

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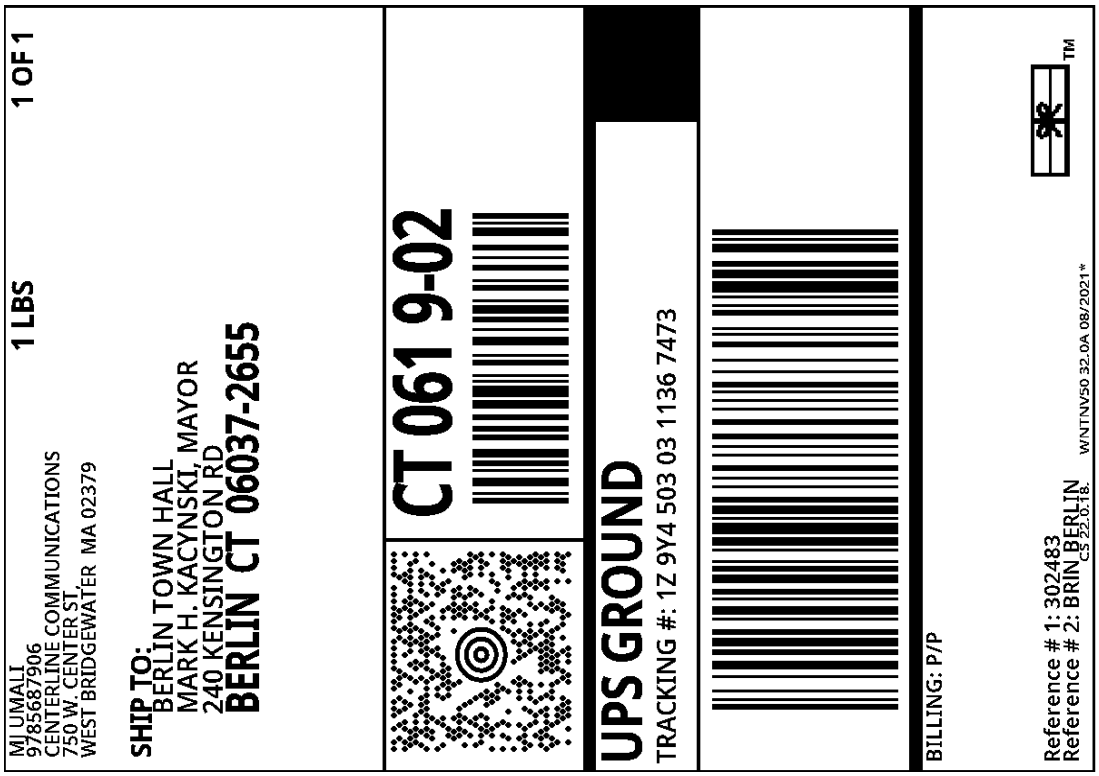

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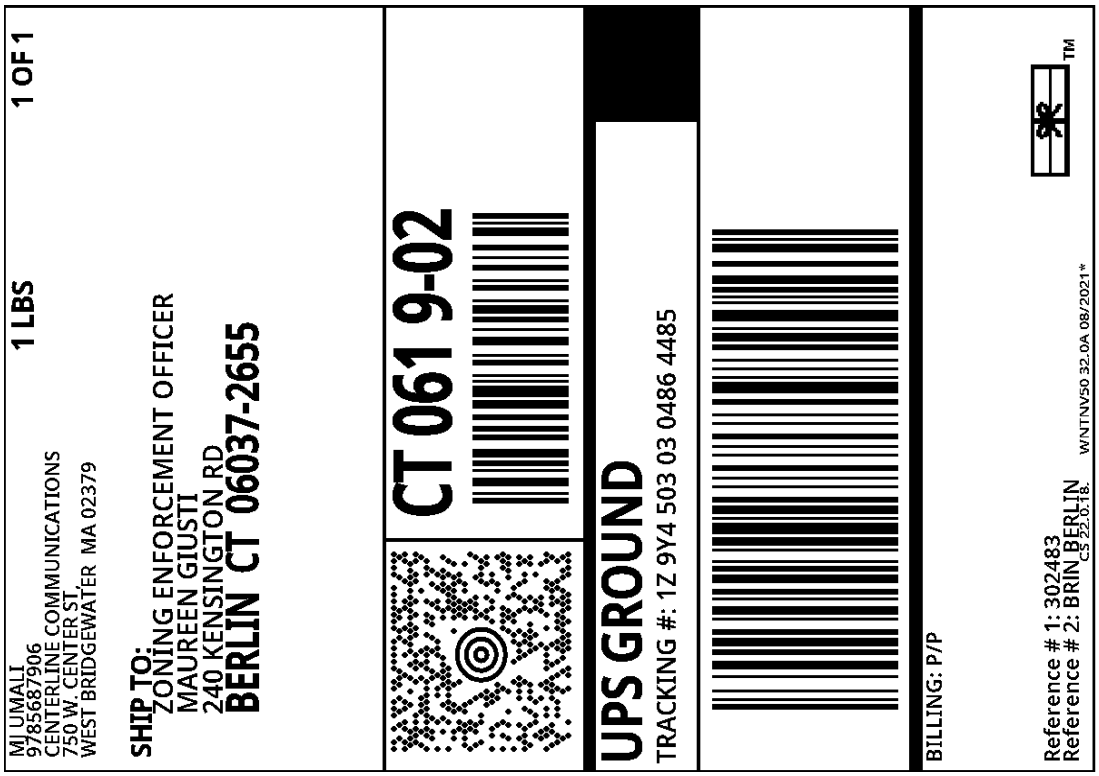

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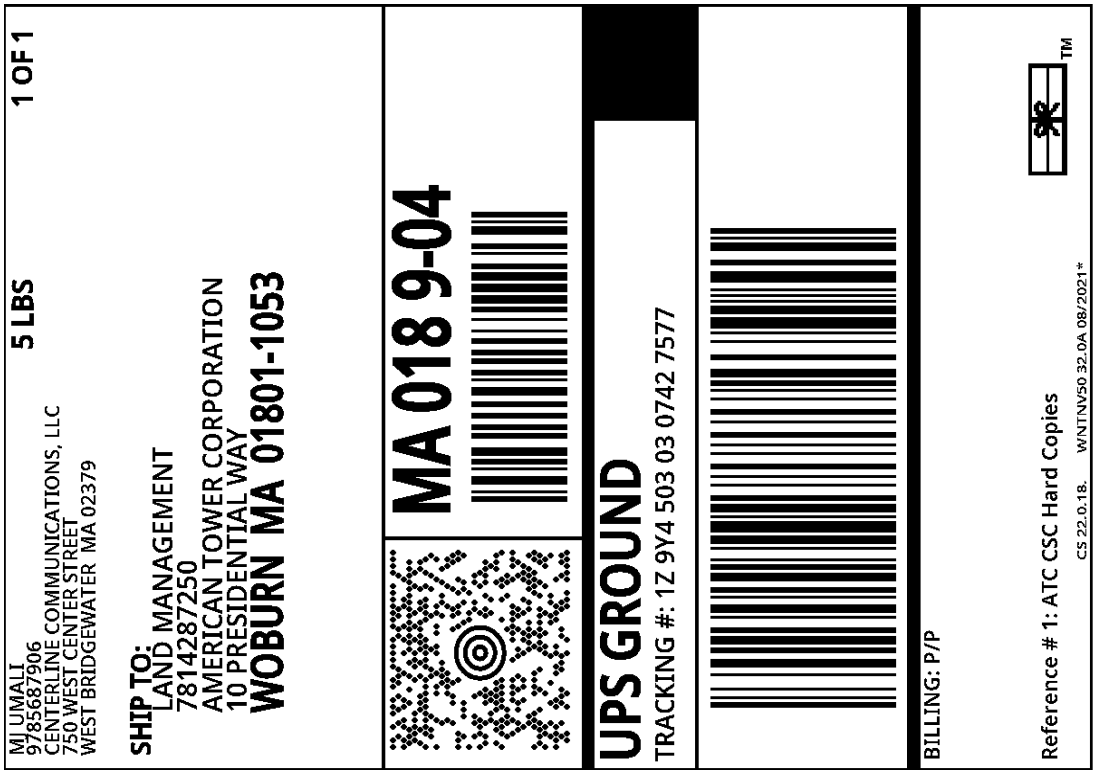

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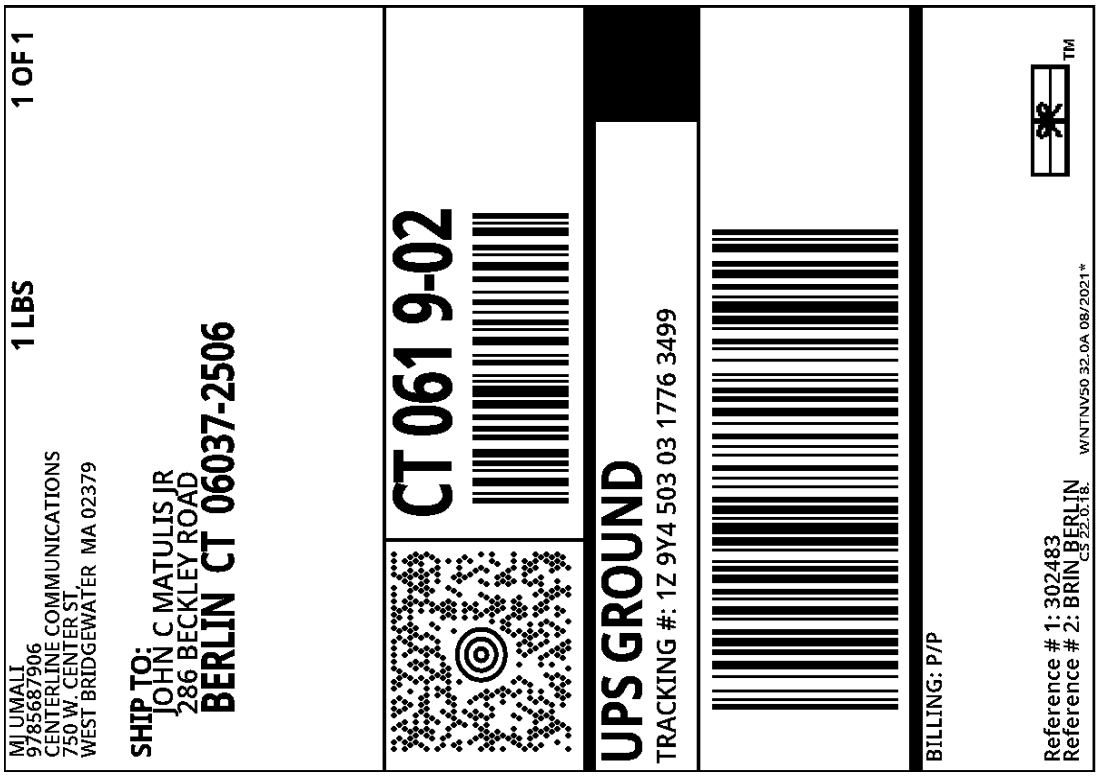

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Structural Analysis Report

Structure	:	**150 ft Monopole**
ATC Site Name	:	**Brln - Berlin, CT**
ATC Asset Number	:	**302483**
Engineering Number	:	**13673539_C3_02**
Proposed Carrier	:	**VERIZON WIRELESS**
Carrier Site Name	:	**BOBDL00013A**
Carrier Site Number	:	**BOBDL00013A**
Site Location	:	**286 Beckley Road** **Berlin, CT 06037-2419** **41.631700,-72.729900**
County	:	**Hartford**
Date	:	**June 25, 2021**
Max Usage	:	**99%**
Result	:	**Pass**

Prepared By:
Garret D. Heath
Structural Engineer II

Reviewed By:

COA: PEC.0001553

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Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 150 ft monopole to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower Drawings	ITT Meyer Type "B", dated July 21, 2001 Mapping by Smith Cullum Acq. #CT-0019, dated July 21, 2001 Mapping by ATC Report #0682, dated January 7, 2016
Foundation Drawing	SpectraSite Project #CT-0019, dated May 29, 2003
Geotechnical Report	Daniel G. Loucks Project #CT-0019, dated December 21, 2001
Modifications	Scientel Project #Berlin-CT0019, dated July 30, 2002 ATC Project #11912109_P5_02, dated October 3, 2017

Analysis

The tower was analyzed using tnxTower version 8.0.7.4 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:	No Ice Considered
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	C
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft

Conclusion

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

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

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
152.0	2	Raycap DC6-48-60-18-8F(32.8 lbs)	Platform with Handrails	(2) 0.39" (10mm) Fiber Trunk (4) 0.78" (19.7mm) 8 AWG 6 (12) 1 1/4" Coax (1) 3" conduit	AT&T MOBILITY
	6	Powerwave Allgon LGP21401			
	3	Ericsson RRUS 11 (Band 12) (55 lb)			
	3	Ericsson RRUS 32 (50.8 lbs)			
	3	Ericsson RRUS 32 B2			
	3	Powerwave Allgon 7770.00			
	3	Quintel QS66512-2			
	3	CCI OPA-65R-LCUU-H6			
	3	Ericsson RRUS 4426 B66			
	6	CCI TPX-070821			
142.0	3	RFS APXVAARR24_43-U-NA20	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 AIR32 B66Aa/B2a			
	3	Ericsson Radio 4449 B12,B71			
	3	Ericsson KRY 112 144/2			
	3	Ericsson KRY 112 489/2			
132.7	3	Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter	Platform with Handrails	(4) 1 1/4" Hybriflex Cable	SPRINT NEXTEL
127.0	3	Alcatel-Lucent 4x40W RRH (88 lb)			
	3	Alcatel-Lucent TD-RRH8x20			
	1	RFS APXV9ERR18-C-A20			
	2	RFS APXVSPP18-C-A20			
	3	Commscope DT465B-2XR			
	3	Alcatel-Lucent RRH2x50-08			
116.0	-	-	Platform with Handrails	(2) 1 5/8" (1.63"-41.3mm) Fiber (6) 1 5/8" Coax	VERIZON WIRELESS

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
122.0	3	Alcatel-Lucent RRH2X60-AWS	-	-	VERIZON WIRELESS
116.0	6	Amphenol Antel LPA-80063-6CF-EDIN-X	-	(6) 1 5/8" Coax	
	2	RFS DB-T1-6Z-8AB-0Z			
	3	Commscope LNX-6514DS-A1M			
	3	Alcatel-Lucent RRH2X60-1900			
	3	Alcatel-Lucent RRH2x60 700			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
116.0	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	Platform with Handrails	-	VERIZON WIRELESS
	3	Samsung RT4401-48A			
	3	Samsung B2/B66A RRH-BR049			
	3	Samsung B5/B13 RRH-BR04C			
	2	Raycap RRFDC-3315-PF-48 (32lbs)			
	3	Samsung MT6407-77A			
	3	Amphenol Antel BXA-70080-6CF-EDIN-4			
	6	Commscope SBNHH-1D65B			

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

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	78%	Pass
Shaft	63%	Pass
Base Plate	18%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	3303.0	99%
Axial (Kips)	51.0	17%
Shear (Kips)	32.0	54%

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

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
116.0	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	VERIZON WIRELESS	1.030	0.972
	Samsung RT4401-48A			
	Samsung B2/B66A RRH-BR049			
	Samsung B5/B13 RRH-BR04C			
	Raycap RRFDC-3315-PF-48 (32lbs)			
	Samsung MT6407-77A			
	Amphenol Antel BXA-70080-6CF-EDIN-4			
	Commscope SBNHH-1D65B			

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

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Standard Conditions

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

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

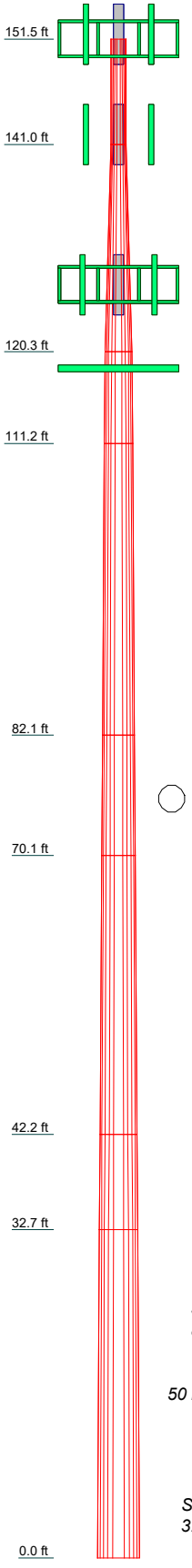
It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete.

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

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

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

Section	Length (ft)	Number of Sides	Thickness (in)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	10.50	12	0.2400	17.1872	17.7841	A572-65	0.5
2	20.67	12	0.3059	17.7841	31.5570		1.7
3	9.14	12	0.3063	31.5570	33.0280		1.0
4	29.11	12	0.3141	33.0280	38.3470		3.5
5	12.02	12	0.3804	38.3470	39.7110		1.9
6	27.82	12	0.4014	39.7110	43.9500		5.1
7	9.53	12	0.4706	43.9500	45.0640		2.2
8	32.71	12	0.4906	45.0640	49.5520		8.2
							24.1



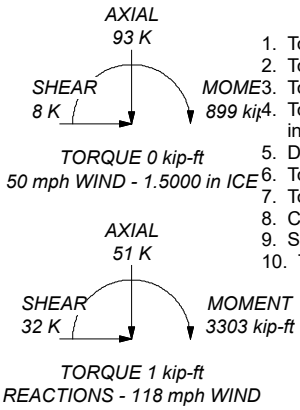
DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
CBC23SR-43	152	KRY 112 489/2	142
CBC23SR-43	152	KRY 112 489/2	142
CBC23SR-43	152	Radio 4449 B12,B71	142
DC6-48-60-0-8C-EV	152	800 MHz 2X50W RRH w/ Filter	134
ION-M23 SDARS	152	800 MHz 2X50W RRH w/ Filter	134
ION-M23 SDARS	152	800 MHz 2X50W RRH w/ Filter	134
ION-M23 SDARS	152	TD-RRH8x20	127
DC6-48-60-18-8F(32.8 lbs)	151.5	TD-RRH8x20	127
RRUS 4426 B66	151.5	TD-RRH8x20	127
RRUS 4426 B66	151.5	APXVSPP18-C-A20	127
RRUS 4426 B66	151.5	APXVSPP18-C-A20	127
RRUS 11 (Band 12) (55 lb)	151.5	APXV9ERR18-C-A20	127
RRUS 11 (Band 12) (55 lb)	151.5	DT465B-2XR	127
RRUS 11 (Band 12) (55 lb)	151.5	DT465B-2XR	127
RRUS 32 (50.8 lbs)	151.5	DT465B-2XR	127
RRUS 32 (50.8 lbs)	151.5	Round Platform w/ Handrails	127
RRUS 32 (50.8 lbs)	151.5	Round Platform w/ Handrails	127
RRUS 32 B2	151.5	RRH2x50-08	127
RRUS 32 B2	151.5	RRH2x50-08	127
RRUS 32 B2	151.5	RRH2x50-08	127
7770.00	151.5	(2) 4x40W RRH (88 lb)	127
7770.00	151.5	(2) 4x40W RRH (88 lb)	127
7770.00	151.5	(2) 4x40W RRH (88 lb)	127
QS66512-2	151.5	Round Platform w/ Handrails	119
QS66512-2	151.5	Outdoor CBRS 20W RRH –Clip-on Antenna	116
QS66512-2	151.5		
OPA-65R-LCUU-H6	151.5	Outdoor CBRS 20W RRH –Clip-on Antenna	116
OPA-65R-LCUU-H6	151.5		
OPA-65R-LCUU-H6	151.5	Outdoor CBRS 20W RRH –Clip-on Antenna	116
Flat Platform w/ Handrails	151.5	RT4401-48A	116
(2) TPX-070821	151.5	RT4401-48A	116
(2) TPX-070821	151.5	RT4401-48A	116
(2) TPX-070821	151.5	B5/B13 RRH-BR04C	116
(2) LGP21401	151.5	B5/B13 RRH-BR04C	116
(2) LGP21401	151.5	B5/B13 RRH-BR04C	116
(2) LGP21401	151.5	B2/B66A RRH-BR049	116
DC6-48-60-18-8F(32.8 lbs)	151.5	B2/B66A RRH-BR049	116
Radio 4449 B12,B71	142	B2/B66A RRH-BR049	116
Radio 4449 B12,B71	142	RRFDC-3315-PF-48 (32lbs)	116
AIR32 B66Aa/B2a	142	RRFDC-3315-PF-48 (32lbs)	116
AIR32 B66Aa/B2a	142	MT6407-77A	116
AIR32 B66Aa/B2a	142	BXA-70080-6CF-EDIN-4	116
APXVAARR24_43-U-NA20	142	BXA-70080-6CF-EDIN-4	116
APXVAARR24_43-U-NA20	142	BXA-70080-6CF-EDIN-4	116
APXVAARR24_43-U-NA20	142	(2) SBNHH-1D65B	116
KRY 112 144/2	142	(2) SBNHH-1D65B	116
KRY 112 144/2	142	(2) SBNHH-1D65B	116
KRY 112 144/2	142		
KRY 112 489/2	142		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

ALL REACTIONS ARE FACTORED



TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 118 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. Combined pole and wrap structure.
9. Sections modeled to have equivalent inertia to pole and wrap combined.
10. TOWER RATING: 63.1%

ATC Engineering
3500 Regency Parkway, Suite 100
Cary, NC 27518
Phone: (919) 466-5258
FAX:

Job: **Brln-Berlin (302483)**			
Project: ***13673539_C3_02***			
Client: VERIZON WIRELESS	Drawn by: Garret.Heath	App'd:	
Code: TIA-222-H	Date: 06/25/21	Scale: NTS	
Path: C:\Users\garret.heath\Desktop\TNX FILES RUN LOCAL\302483\TNX\302483 Brln-Berlin, CT (13673539_C3_02).eri		Dwg No. E-1	

Tower Input Data

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

Tower is located in Hartford County, Connecticut.
Tower base elevation above sea level: 0.00 ft.
Basic wind speed of 118 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.5000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
Combined pole and wrap structure..
Sections modeled to have equivalent inertia to pole and wrap combined..
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	151.50-141.00	10.50	0.00	12	17.1872	17.7841	0.2400	0.9600	A572-65 (65 ksi)
L2	141.00-120.33	20.67	0.00	12	17.7841	31.5570	0.3059	2.0000	A572-65 (65 ksi)
L3	120.33-111.19	9.14	0.00	12	31.5570	33.0280	0.3063	2.0000	A572-65 (65 ksi)
L4	111.19-82.08	29.11	0.00	12	33.0280	38.3470	0.3141	2.2000	A572-65 (65 ksi)
L5	82.08-70.06	12.02	0.00	12	38.3470	39.7110	0.3804	2.4000	A572-65 (65 ksi)
L6	70.06-42.24	27.82	0.00	12	39.7110	43.9500	0.4014	2.6000	A572-65 (65 ksi)
L7	42.24-32.71	9.53	0.00	12	43.9500	45.0640	0.4706	2.8000	A572-65 (65 ksi)
L8	32.71-0.00	32.71		12	45.0640	49.5520	0.4906	3.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	17.7088	13.0968	480.1168	6.0671	8.9030	53.9277	972.8469	6.4458	3.9630	16.512
	18.3268	13.5581	532.6554	6.2808	9.2122	57.8209	1079.3043	6.6729	4.1229	17.179
L2	18.2488	17.2160	671.2919	6.2572	9.2122	72.8702	1360.2194	8.4732	3.5302	11.54
	32.5075	30.7823	3837.2246	11.1879	16.3465	234.7425	7775.2574	15.1501	7.2213	23.607
L3	32.5075	30.8221	3842.0947	11.1878	16.3465	235.0404	7785.1256	15.1697	7.2211	23.575
	34.0304	32.2730	4410.5870	11.7144	17.1085	257.8009	8937.0451	15.8838	7.6153	24.862
L4	34.0157	33.0869	4519.6700	11.7116	17.1085	264.1768	9158.0767	16.2844	7.5039	23.89
	39.5224	38.4666	7102.1213	13.6158	19.8637	357.5419	14390.8231	18.9321	8.9294	28.429
L5	39.5036	46.5048	8556.3285	13.5920	19.8637	430.7510	17337.4413	22.8883	8.7867	23.099
	40.9157	48.1756	9512.0483	14.0804	20.5703	462.4166	19273.9886	23.7106	9.1523	24.06
L6	40.9001	50.8080	10021.0923	14.0728	20.5703	487.1632	20305.4499	25.0061	9.0338	22.506
	45.2886	56.2869	13625.1654	15.5904	22.7661	598.4848	27608.2791	27.7027	10.1698	25.336
L7	45.2696	65.8857	15898.0688	15.5656	22.7661	698.3220	32213.7975	32.4270	10.0256	21.304
	46.4229	67.5738	17151.6341	15.9644	23.3432	734.7608	34753.8607	33.2578	10.3241	21.938
L8	46.4074	70.4140	17856.5130	15.9573	23.3432	764.9572	36182.1365	34.6556	10.2062	20.803
	51.0537	77.5039	23811.6328	17.5640	25.6679	927.6801	48248.8237	38.1450	11.4090	23.255

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 151.50-141.00				1	1	1			
L2 141.00-120.33				1	1	1			
L3 120.33-111.19				1	1	1			
L4 111.19-82.08				1	1	1			
L5 82.08-70.06				1	1	1			
L6 70.06-42.24				1	1	1			
L7 42.24-32.71				1	1	1			

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L8 32.71-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
***										
1 5/8" Coax	B	No	Surface Ar (CaAa)	119.00 - 5.00	6	6	0.300 0.500	1.9800		0.82
1 5/8" (1.63"-41.3mm) Fiber	C	No	Surface Ar (CaAa)	119.00 - 5.00	2	2	-0.490 -0.480	1.6300		1.61
***										
4" Wrap Seams	A	No	Surface Ar (CaAa)	141.00 - 5.00	1	1	0.000 0.000	4.0000		0.00
4" Wrap Seams	B	No	Surface Ar (CaAa)	141.00 - 5.00	1	1	0.000 0.000	4.0000		0.00
4" Wrap Seams	C	No	Surface Ar (CaAa)	141.00 - 5.00	1	1	0.000 0.000	4.0000		0.00

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
1 1/4" Coax	C	No	No	Inside Pole	151.50 - 5.00	12	No Ice	0.00	0.66
							1/2" Ice	0.00	0.66
							1" Ice	0.00	0.66
							2" Ice	0.00	0.66
0.39" (10mm) Fiber Trunk	C	No	No	Inside Pole	151.50 - 5.00	2	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
							2" Ice	0.00	0.06
0.78" (19.7mm) 8 AWG 6	C	No	No	Inside Pole	151.50 - 5.00	4	No Ice	0.00	0.59
							1/2" Ice	0.00	0.59
							1" Ice	0.00	0.59
							2" Ice	0.00	0.59
3" conduit	C	No	No	Inside Pole	151.50 - 5.00	1	No Ice	0.00	1.78
							1/2" Ice	0.00	1.78
							1" Ice	0.00	1.78
							2" Ice	0.00	1.78
***									
1 5/8" (1.63"-41.3mm) Fiber	C	No	No	Inside Pole	142.00 - 5.00	1	No Ice	0.00	1.61
							1/2" Ice	0.00	1.61
							1" Ice	0.00	1.61
							2" Ice	0.00	1.61
1 1/4" (1.25"-31.8mm) Fiber	C	No	No	Inside Pole	142.00 - 5.00	2	No Ice	0.00	1.05
							1/2" Ice	0.00	1.05
							1" Ice	0.00	1.05
							2" Ice	0.00	1.05

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
1 5/8" Coax	C	No	No	Inside Pole	142.00 - 5.00	12	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
***									
1 1/4" Hybriflex	C	No	No	Inside Pole	127.00 - 5.00	4	No Ice	0.00	0.66
							1/2" Ice	0.00	0.66
							1" Ice	0.00	0.66
							2" Ice	0.00	0.66
***									
0.82" (20.8mm) 8 AWG 6	C	No	No	Inside Pole	151.50 - 0.00	2	No Ice	0.00	0.62
							1/2" Ice	0.00	0.62
							1" Ice	0.00	0.62
							2" Ice	0.00	0.62

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	151.50-141.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.15
L2	141.00-120.33	A	0.000	0.000	8.268	0.000	0.00
		B	0.000	0.000	8.268	0.000	0.00
		C	0.000	0.000	8.268	0.000	0.58
L3	120.33-111.19	A	0.000	0.000	3.656	0.000	0.00
		B	0.000	0.000	12.934	0.000	0.04
		C	0.000	0.000	6.202	0.000	0.30
L4	111.19-82.08	A	0.000	0.000	11.644	0.000	0.00
		B	0.000	0.000	46.227	0.000	0.14
		C	0.000	0.000	21.134	0.000	0.96
L5	82.08-70.06	A	0.000	0.000	4.808	0.000	0.00
		B	0.000	0.000	19.088	0.000	0.06
		C	0.000	0.000	8.727	0.000	0.39
L6	70.06-42.24	A	0.000	0.000	11.128	0.000	0.00
		B	0.000	0.000	44.178	0.000	0.14
		C	0.000	0.000	20.197	0.000	0.91
L7	42.24-32.71	A	0.000	0.000	3.812	0.000	0.00
		B	0.000	0.000	15.134	0.000	0.05
		C	0.000	0.000	6.919	0.000	0.31
L8	32.71-0.00	A	0.000	0.000	11.084	0.000	0.00
		B	0.000	0.000	44.003	0.000	0.14
		C	0.000	0.000	20.117	0.000	0.92

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	151.50-141.00	A	1.741	0.000	0.000	0.000	0.000	0.00

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.15
L2	141.00-120.33	A	1.720	0.000	0.000	15.379	0.000	0.25
		B		0.000	0.000	15.379	0.000	0.25
		C		0.000	0.000	15.379	0.000	0.82
L3	120.33-111.19	A	1.701	0.000	0.000	6.765	0.000	0.11
		B		0.000	0.000	21.683	0.000	0.32
		C		0.000	0.000	13.267	0.000	0.48
L4	111.19-82.08	A	1.670	0.000	0.000	21.364	0.000	0.34
		B		0.000	0.000	76.742	0.000	1.12
		C		0.000	0.000	45.376	0.000	1.56
L5	82.08-70.06	A	1.631	0.000	0.000	8.728	0.000	0.13
		B		0.000	0.000	31.477	0.000	0.45
		C		0.000	0.000	18.526	0.000	0.64
L6	70.06-42.24	A	1.581	0.000	0.000	19.926	0.000	0.30
		B		0.000	0.000	72.236	0.000	1.01
		C		0.000	0.000	42.260	0.000	1.45
L7	42.24-32.71	A	1.519	0.000	0.000	6.707	0.000	0.10
		B		0.000	0.000	24.479	0.000	0.33
		C		0.000	0.000	14.210	0.000	0.49
L8	32.71-0.00	A	1.396	0.000	0.000	18.821	0.000	0.26
		B		0.000	0.000	69.642	0.000	0.89
		C		0.000	0.000	39.784	0.000	1.37

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	151.50-141.00	0.0000	0.0000	0.0000	0.0000
L2	141.00-120.33	0.0000	0.0000	0.0000	0.0000
L3	120.33-111.19	4.0222	1.5387	3.9571	1.6107
L4	111.19-82.08	4.7022	1.7990	4.6115	1.8759
L5	82.08-70.06	4.8836	1.8686	4.8565	1.9738
L6	70.06-42.24	5.0232	1.9222	5.0469	2.0488
L7	42.24-32.71	5.1475	1.9699	5.2158	2.1140
L8	32.71-0.00	4.7307	1.8104	4.9166	1.9863

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L2	15	4" Wrap Seams	120.33 - 141.00	1.0000	1.0000
L2	16	4" Wrap Seams	120.33 - 141.00	1.0000	1.0000
L2	17	4" Wrap Seams	120.33 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
			141.00		
L3	12	1 5/8" Coax	111.19 - 119.00	1.0000	1.0000
L3	13	1 5/8" (1.63"-41.3mm) Fiber	111.19 - 119.00	1.0000	1.0000
L3	15	4" Wrap Seams	111.19 - 120.33	1.0000	1.0000
L3	16	4" Wrap Seams	111.19 - 120.33	1.0000	1.0000
L3	17	4" Wrap Seams	111.19 - 120.33	1.0000	1.0000
L4	12	1 5/8" Coax	82.08 - 111.19	1.0000	1.0000
L4	13	1 5/8" (1.63"-41.3mm) Fiber	82.08 - 111.19	1.0000	1.0000
L4	15	4" Wrap Seams	82.08 - 111.19	1.0000	1.0000
L4	16	4" Wrap Seams	82.08 - 111.19	1.0000	1.0000
L4	17	4" Wrap Seams	82.08 - 111.19	1.0000	1.0000
L5	12	1 5/8" Coax	70.06 - 82.08	1.0000	1.0000
L5	13	1 5/8" (1.63"-41.3mm) Fiber	70.06 - 82.08	1.0000	1.0000
L5	15	4" Wrap Seams	70.06 - 82.08	1.0000	1.0000
L5	16	4" Wrap Seams	70.06 - 82.08	1.0000	1.0000
L5	17	4" Wrap Seams	70.06 - 82.08	1.0000	1.0000
L6	12	1 5/8" Coax	42.24 - 70.06	1.0000	1.0000
L6	13	1 5/8" (1.63"-41.3mm) Fiber	42.24 - 70.06	1.0000	1.0000
L6	15	4" Wrap Seams	42.24 - 70.06	1.0000	1.0000
L6	16	4" Wrap Seams	42.24 - 70.06	1.0000	1.0000
L6	17	4" Wrap Seams	42.24 - 70.06	1.0000	1.0000
L7	12	1 5/8" Coax	32.71 - 42.24	1.0000	1.0000
L7	13	1 5/8" (1.63"-41.3mm) Fiber	32.71 - 42.24	1.0000	1.0000
L7	15	4" Wrap Seams	32.71 - 42.24	1.0000	1.0000
L7	16	4" Wrap Seams	32.71 - 42.24	1.0000	1.0000
L7	17	4" Wrap Seams	32.71 - 42.24	1.0000	1.0000
L8	12	1 5/8" Coax	5.00 - 32.71	1.0000	1.0000
L8	13	1 5/8" (1.63"-41.3mm) Fiber	5.00 - 32.71	1.0000	1.0000
L8	15	4" Wrap Seams	5.00 - 32.71	1.0000	1.0000
L8	16	4" Wrap Seams	5.00 - 32.71	1.0000	1.0000
L8	17	4" Wrap Seams	5.00 - 32.71	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) TPX-070821	A	From Leg	3.00 0.00 0.50	0.0000	151.50	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.00 0.00	0.18 0.25 0.32 0.49	0.01 0.01 0.02 0.03
(2) TPX-070821	B	From Leg	3.00 0.00 0.50	0.0000	151.50	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.00 0.00	0.18 0.25 0.32 0.49	0.01 0.01 0.02 0.03
(2) TPX-070821	C	From Leg	3.00	0.0000	151.50	No Ice	0.00	0.18	0.01

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			1/2" Ice	0.00	0.25	0.01
			0.50			1" Ice	0.00	0.32	0.02
						2" Ice	0.00	0.49	0.03
(2) LGP21401	A	From Leg	3.00	0.0000	151.50	No Ice	0.00	0.36	0.01
			0.00			1/2" Ice	1.45	0.48	0.02
			0.50			1" Ice	1.61	0.60	0.03
						2" Ice	1.97	0.87	0.05
(2) LGP21401	B	From Leg	3.00	0.0000	151.50	No Ice	0.00	0.36	0.01
			0.00			1/2" Ice	1.45	0.48	0.02
			0.50			1" Ice	1.61	0.60	0.03
						2" Ice	1.97	0.87	0.05
(2) LGP21401	C	From Leg	3.00	0.0000	151.50	No Ice	0.00	0.36	0.01
			0.00			1/2" Ice	1.45	0.48	0.02
			0.50			1" Ice	1.61	0.60	0.03
						2" Ice	1.97	0.87	0.05
DC6-48-60-18-8F(32.8 lbs)	B	From Leg	0.50	0.0000	151.50	No Ice	1.28	0.79	0.02
			0.00			1/2" Ice	1.27	1.27	0.04
			0.50			1" Ice	1.45	1.45	0.05
						2" Ice	1.83	1.83	0.10
DC6-48-60-18-8F(32.8 lbs)	C	From Leg	0.50	0.0000	151.50	No Ice	1.28	0.79	0.02
			0.00			1/2" Ice	1.27	1.27	0.04
			0.50			1" Ice	1.45	1.45	0.05
						2" Ice	1.83	1.83	0.10
RRUS 4426 B66	A	From Leg	3.00	0.0000	151.50	No Ice	1.65	0.73	0.05
			0.00			1/2" Ice	1.81	0.84	0.06
			0.50			1" Ice	1.98	0.97	0.08
						2" Ice	2.34	1.25	0.11
RRUS 4426 B66	B	From Leg	3.00	0.0000	151.50	No Ice	1.65	0.73	0.05
			0.00			1/2" Ice	1.81	0.84	0.06
			0.50			1" Ice	1.98	0.97	0.08
						2" Ice	2.34	1.25	0.11
RRUS 4426 B66	C	From Leg	3.00	0.0000	151.50	No Ice	1.65	0.73	0.05
			0.00			1/2" Ice	1.81	0.84	0.06
			0.50			1" Ice	1.98	0.97	0.08
						2" Ice	2.34	1.25	0.11
RRUS 11 (Band 12) (55 lb)	A	From Leg	3.00	0.0000	151.50	No Ice	0.00	1.07	0.06
			0.00			1/2" Ice	2.72	1.21	0.07
			0.50			1" Ice	2.92	1.36	0.10
						2" Ice	3.35	1.68	0.15
RRUS 11 (Band 12) (55 lb)	B	From Leg	3.00	0.0000	151.50	No Ice	0.00	1.07	0.06
			0.00			1/2" Ice	2.72	1.21	0.07
			0.50			1" Ice	2.92	1.36	0.10
						2" Ice	3.35	1.68	0.15
RRUS 11 (Band 12) (55 lb)	C	From Leg	3.00	0.0000	151.50	No Ice	0.00	1.07	0.06
			0.00			1/2" Ice	2.72	1.21	0.07
			0.50			1" Ice	2.92	1.36	0.10
						2" Ice	3.35	1.68	0.15
RRUS 32 (50.8 lbs)	B	From Leg	3.00	0.0000	151.50	No Ice	0.00	2.42	0.08
			0.00			1/2" Ice	0.00	2.64	0.10
			0.50			1" Ice	0.00	2.86	0.14
						2" Ice	0.00	3.32	0.21
RRUS 32 (50.8 lbs)	C	From Leg	3.00	0.0000	151.50	No Ice	0.00	2.42	0.08
			0.00			1/2" Ice	0.00	2.64	0.10
			0.50			1" Ice	0.00	2.86	0.14
						2" Ice	0.00	3.32	0.21
RRUS 32 (50.8 lbs)	C	From Leg	3.00	0.0000	151.50	No Ice	0.00	2.42	0.08
			0.00			1/2" Ice	0.00	2.64	0.10

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.50			1" Ice	0.00	2.86	0.14
						2" Ice	0.00	3.32	0.21
RRUS 32 B2	A	From Leg	3.00	0.0000	151.50	No Ice	0.00	1.67	0.05
			0.00			1/2" Ice	0.00	1.86	0.07
			0.50			1" Ice	0.00	2.05	0.10
						2" Ice	0.00	2.46	0.16
RRUS 32 B2	A	From Leg	3.00	0.0000	151.50	No Ice	0.00	1.67	0.05
			0.00			1/2" Ice	0.00	1.86	0.07
			0.50			1" Ice	0.00	2.05	0.10
						2" Ice	0.00	2.46	0.16
RRUS 32 B2	C	From Leg	3.00	0.0000	151.50	No Ice	0.00	1.67	0.05
			0.00			1/2" Ice	0.00	1.86	0.07
			0.50			1" Ice	0.00	2.05	0.10
						2" Ice	0.00	2.46	0.16
7770.00	A	From Leg	3.00	0.0000	151.50	No Ice	5.51	2.93	0.04
			0.00			1/2" Ice	6.31	3.27	0.07
			0.50			1" Ice	6.75	3.63	0.11
						2" Ice	7.66	4.35	0.20
7770.00	B	From Leg	3.00	0.0000	151.50	No Ice	5.51	2.93	0.04
			0.00			1/2" Ice	6.31	3.27	0.07
			0.50			1" Ice	6.75	3.63	0.11
						2" Ice	7.66	4.35	0.20
7770.00	C	From Leg	3.00	0.0000	151.50	No Ice	5.51	2.93	0.04
			0.00			1/2" Ice	6.31	3.27	0.07
			0.50			1" Ice	6.75	3.63	0.11
						2" Ice	7.66	4.35	0.20
QS66512-2	A	From Leg	3.00	0.0000	151.50	No Ice	8.13	5.00	0.11
			0.00			1/2" Ice	9.23	5.80	0.17
			0.50			1" Ice	10.33	6.60	0.23
						2" Ice	12.53	8.20	0.34
QS66512-2	B	From Leg	3.00	0.0000	151.50	No Ice	8.13	5.00	0.11
			0.00			1/2" Ice	9.23	5.80	0.17
			0.50			1" Ice	10.33	6.60	0.23
						2" Ice	12.53	8.20	0.34
QS66512-2	C	From Leg	3.00	0.0000	151.50	No Ice	8.13	5.00	0.11
			0.00			1/2" Ice	9.23	5.80	0.17
			0.50			1" Ice	10.33	6.60	0.23
						2" Ice	12.53	8.20	0.34
OPA-65R-LCUU-H6	A	From Leg	3.00	0.0000	151.50	No Ice	9.66	5.52	0.07
			0.00			1/2" Ice	10.13	5.97	0.13
			0.50			1" Ice	10.61	6.43	0.20
						2" Ice	11.58	7.38	0.35
OPA-65R-LCUU-H6	B	From Leg	3.00	0.0000	151.50	No Ice	9.66	5.52	0.07
			0.00			1/2" Ice	10.13	5.97	0.13
			0.50			1" Ice	10.61	6.43	0.20
						2" Ice	11.58	7.38	0.35
OPA-65R-LCUU-H6	C	From Leg	3.00	0.0000	151.50	No Ice	9.66	5.52	0.07
			0.00			1/2" Ice	10.13	5.97	0.13
			0.50			1" Ice	10.61	6.43	0.20
						2" Ice	11.58	7.38	0.35
Flat Platform w/ Handrails	C	None		0.0000	151.50	No Ice	42.40	42.40	2.00
						1/2" Ice	48.40	48.40	2.45
						1" Ice	54.40	54.40	2.90
						2" Ice	66.40	66.40	3.80
***									
KRY 112 144/2	A	From Leg	3.00	0.0000	142.00	No Ice	0.00	0.23	0.01
			0.00			1/2" Ice	0.00	0.30	0.01

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Offsets: ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00					1" Ice	0.00	0.38	0.02
								2" Ice	0.00	0.55	0.04
KRY 112 144/2	B	From Leg	3.00			0.0000	142.00	No Ice	0.00	0.23	0.01
			0.00					1/2" Ice	0.00	0.30	0.01
			0.00					1" Ice	0.00	0.38	0.02
								2" Ice	0.00	0.55	0.04
KRY 112 144/2	C	From Leg	3.00			0.0000	142.00	No Ice	0.00	0.23	0.01
			0.00					1/2" Ice	0.00	0.30	0.01
			0.00					1" Ice	0.00	0.38	0.02
								2" Ice	0.00	0.55	0.04
KRY 112 489/2	A	From Leg	3.00			0.0000	142.00	No Ice	0.00	0.36	0.02
			0.00					1/2" Ice	0.00	0.44	0.02
			0.00					1" Ice	0.00	0.54	0.03
								2" Ice	0.00	0.75	0.05
KRY 112 489/2	B	From Leg	3.00			0.0000	142.00	No Ice	0.00	0.36	0.02
			0.00					1/2" Ice	0.00	0.44	0.02
			0.00					1" Ice	0.00	0.54	0.03
								2" Ice	0.00	0.75	0.05
KRY 112 489/2	C	From Leg	3.00			0.0000	142.00	No Ice	0.00	0.36	0.02
			0.00					1/2" Ice	0.00	0.44	0.02
			0.00					1" Ice	0.00	0.54	0.03
								2" Ice	0.00	0.75	0.05
Radio 4449 B12,B71	A	From Leg	3.00			0.0000	142.00	No Ice	1.64	1.16	0.07
			0.00					1/2" Ice	2.20	1.55	0.90
			0.00					1" Ice	2.76	1.94	1.73
								2" Ice	3.88	2.72	3.38
Radio 4449 B12,B71	B	From Leg	3.00			0.0000	142.00	No Ice	1.64	1.16	0.07
			0.00					1/2" Ice	2.20	1.55	0.90
			0.00					1" Ice	2.76	1.94	1.73
								2" Ice	3.88	2.72	3.38
Radio 4449 B12,B71	C	From Leg	3.00			0.0000	142.00	No Ice	1.64	1.16	0.07
			0.00					1/2" Ice	2.20	1.55	0.90
			0.00					1" Ice	2.76	1.94	1.73
								2" Ice	3.88	2.72	3.38
AIR32 B66Aa/B2a	A	From Leg	3.00			0.0000	142.00	No Ice	6.51	2.70	0.13
			0.00					1/2" Ice	7.78	3.22	0.18
			0.00					1" Ice	9.05	3.74	0.22
								2" Ice	11.59	4.78	0.32
AIR32 B66Aa/B2a	B	From Leg	3.00			0.0000	142.00	No Ice	6.51	2.70	0.13
			0.00					1/2" Ice	7.78	3.22	0.18
			0.00					1" Ice	9.05	3.74	0.22
								2" Ice	11.59	4.78	0.32
AIR32 B66Aa/B2a	C	From Leg	3.00			0.0000	142.00	No Ice	6.51	2.70	0.13
			0.00					1/2" Ice	7.78	3.22	0.18
			0.00					1" Ice	9.05	3.74	0.22
								2" Ice	11.59	4.78	0.32
APXVAARR24_43-U-NA20	A	From Leg	3.00			0.0000	142.00	No Ice	20.24	5.15	0.13
			0.00					1/2" Ice	23.53	5.99	0.24
			0.00					1" Ice	26.82	6.83	0.35
								2" Ice	33.40	8.51	0.58
APXVAARR24_43-U-NA20	B	From Leg	3.00			0.0000	142.00	No Ice	20.24	5.15	0.13
			0.00					1/2" Ice	23.53	5.99	0.24
			0.00					1" Ice	26.82	6.83	0.35
								2" Ice	33.40	8.51	0.58
APXVAARR24_43-U-NA20	C	From Leg	3.00			0.0000	142.00	No Ice	20.24	5.15	0.13
			0.00					1/2" Ice	23.53	5.99	0.24
			0.00					1" Ice	26.82	6.83	0.35

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice	33.40	8.51	0.58
Round Platform w/ Handrails	C	None		0.0000	127.00	No Ice	27.20	27.20	2.00
						1/2" Ice	34.20	34.20	2.40
						1" Ice	41.20	41.20	2.80
						2" Ice	55.20	55.20	3.60
***									
RRH2x50-08	A	From Face	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.70 2.27 2.84 3.98	1.10 1.80 2.50 3.90	0.05 0.07 0.09 0.12
RRH2x50-08	B	From Face	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.70 2.27 2.84 3.98	1.10 1.80 2.50 3.90	0.05 0.07 0.09 0.12
RRH2x50-08	C	From Face	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.70 2.27 2.84 3.98	1.10 1.80 2.50 3.90	0.05 0.07 0.09 0.12
800 MHz 2X50W RRH w/ Filter	A	From Leg	3.00 0.00 0.00	0.0000	134.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 2.24 2.43 2.83	1.93 2.11 2.29 2.68	0.06 0.09 0.11 0.17
800 MHz 2X50W RRH w/ Filter	B	From Leg	3.00 0.00 0.00	0.0000	134.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 2.24 2.43 2.83	1.93 2.11 2.29 2.68	0.06 0.09 0.11 0.17
800 MHz 2X50W RRH w/ Filter	C	From Leg	3.00 0.00 0.00	0.0000	134.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 2.24 2.43 2.83	1.93 2.11 2.29 2.68	0.06 0.09 0.11 0.17
(2) 4x40W RRH (88 lb)	A	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.00 0.00	3.80 4.06 4.34 4.91	0.09 0.12 0.15 0.24
(2) 4x40W RRH (88 lb)	C	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.00 0.00	3.80 4.06 4.34 4.91	0.09 0.12 0.15 0.24
(2) 4x40W RRH (88 lb)	B	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.00 0.00	3.80 4.06 4.34 4.91	0.09 0.12 0.15 0.24
TD-RRH8x20	A	From Face	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 4.59 4.88 5.48	1.40 1.61 1.82 2.27	0.07 0.09 0.12 0.18
TD-RRH8x20	B	From Face	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 4.59 4.88 5.48	1.40 1.61 1.82 2.27	0.07 0.09 0.12 0.18
TD-RRH8x20	C	From Face	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 4.59 4.88 5.48	1.40 1.61 1.82 2.27	0.07 0.09 0.12 0.18
APXVSPP18-C-A20	A	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice	8.02 8.48 8.94	5.28 5.74 6.20	0.06 0.11 0.16

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						2" Ice	9.89	7.14	0.29
APXVSPP18-C-A20	B	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.02 8.48 8.94 9.89	5.28 5.74 6.20 7.14	0.06 0.11 0.16 0.29
APXV9ERR18-C-A20	C	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	8.02 8.48 8.94 9.89	5.81 6.27 6.73 7.68	0.06 0.11 0.17 0.31
DT465B-2XR	A	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.10 9.56 10.04 11.00	5.97 6.43 6.90 7.84	0.06 0.12 0.18 0.33
DT465B-2XR	B	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.10 9.56 10.04 11.00	5.97 6.43 6.90 7.84	0.06 0.12 0.18 0.33
DT465B-2XR	C	From Leg	3.00 0.00 0.00	0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	9.10 9.56 10.04 11.00	5.97 6.43 6.90 7.84	0.06 0.12 0.18 0.33
Round Platform w/ Handrails	C	None		0.0000	127.00	No Ice 1/2" Ice 1" Ice 2" Ice	27.20 34.20 41.20 55.20	27.20 34.20 41.20 55.20	2.00 2.40 2.80 3.60
***									
Round Platform w/ Handrails	C	None		0.0000	119.00	No Ice 1/2" Ice 1" Ice 2" Ice	27.20 34.20 41.20 55.20	27.20 34.20 41.20 55.20	2.00 2.40 2.80 3.60
***									
CBC23SR-43	A	From Leg	3.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.54 0.66	0.15 0.17 0.19 0.23	0.01 0.01 0.01 0.01
CBC23SR-43	B	From Leg	3.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.54 0.66	0.15 0.17 0.19 0.23	0.01 0.01 0.01 0.01
CBC23SR-43	C	From Leg	3.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.00 0.00 0.54 0.66	0.15 0.17 0.19 0.23	0.01 0.01 0.01 0.01
DC6-48-60-0-8C-EV	A	From Leg	3.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.02 1.10 1.18 1.34	1.02 1.10 1.18 1.34	0.02 0.02 0.02 0.02
ION-M23 SDARS	A	From Leg	3.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.02 2.20 2.56	1.76 1.94 2.12 2.48	0.05 0.06 0.07 0.09
ION-M23 SDARS	B	From Leg	3.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.84 2.02 2.20 2.56	1.76 1.94 2.12 2.48	0.05 0.06 0.07 0.09
ION-M23 SDARS	C	From Leg	3.00 0.00	0.0000	152.00	No Ice 1/2" Ice	1.84 2.02	1.76 1.94	0.05 0.06

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			1" Ice	2.20	2.12	0.07
						2" Ice	2.56	2.48	0.09
***									
Outdoor CBRS 20W RRH –Clip-on Antenna	A	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.89 0.98 1.07 1.25	0.10 0.11 0.12 0.14	0.00 0.01 0.01 0.02
Outdoor CBRS 20W RRH –Clip-on Antenna	B	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.89 0.98 1.07 1.25	0.10 0.11 0.12 0.14	0.00 0.01 0.01 0.02
Outdoor CBRS 20W RRH –Clip-on Antenna	C	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.89 0.98 1.07 1.25	0.10 0.11 0.12 0.14	0.00 0.01 0.01 0.02
RT4401-48A	A	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.00 1.09 1.18 1.36	0.50 0.55 0.60 0.70	0.02 0.02 0.03 0.03
RT4401-48A	B	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.00 1.09 1.18 1.36	0.50 0.55 0.60 0.70	0.02 0.02 0.03 0.03
RT4401-48A	C	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.00 1.09 1.18 1.36	0.50 0.55 0.60 0.70	0.02 0.02 0.03 0.03
B5/B13 RRH-BR04C	A	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.00 2.12 2.36	1.01 1.08 1.15 1.29	0.07 0.08 0.09 0.11
B5/B13 RRH-BR04C	B	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.00 2.12 2.36	1.01 1.08 1.15 1.29	0.07 0.08 0.09 0.11
B5/B13 RRH-BR04C	C	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.00 2.12 2.36	1.01 1.08 1.15 1.29	0.07 0.08 0.09 0.11
B2/B66A RRH-BR049	A	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.00 2.12 2.36	1.25 1.34 1.43 1.61	0.08 0.09 0.10 0.12
B2/B66A RRH-BR049	B	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.00 2.12 2.36	1.25 1.34 1.43 1.61	0.08 0.09 0.10 0.12
B2/B66A RRH-BR049	C	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.88 2.00 2.12 2.36	1.25 1.34 1.43 1.61	0.08 0.09 0.10 0.12
RRFDC-3315-PF-48 (32lbs)	A	From Leg	3.00 0.00 0.00	0.0000	116.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.80 2.97 3.14 3.48	2.49 2.64 2.79 3.09	0.03 0.04 0.06 0.08
RRFDC-3315-PF-48 (32lbs)	B	From Leg	3.00 0.00	0.0000	116.00	No Ice 1/2" Ice	2.80 2.97	2.49 2.64	0.03 0.04

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			0.00			1" Ice	3.14	2.79	0.06
						2" Ice	3.48	3.09	0.08
MT6407-77A	A	From Leg	3.00	0.0000	116.00	No Ice	4.71	1.05	0.08
			0.00			1/2" Ice	4.93	1.10	0.10
			0.00			1" Ice	5.15	1.15	0.11
						2" Ice	5.59	1.25	0.14
BXA-70080-6CF-EDIN-4	A	From Leg	3.00	0.0000	116.00	No Ice	5.76	2.65	0.02
			0.00			1/2" Ice	6.10	2.80	0.04
			0.00			1" Ice	6.44	2.95	0.05
						2" Ice	7.12	3.25	0.09
BXA-70080-6CF-EDIN-4	B	From Leg	3.00	0.0000	116.00	No Ice	5.76	2.65	0.02
			0.00			1/2" Ice	6.10	2.80	0.04
			0.00			1" Ice	6.44	2.95	0.05
						2" Ice	7.12	3.25	0.09
BXA-70080-6CF-EDIN-4	C	From Leg	3.00	0.0000	116.00	No Ice	5.76	2.65	0.02
			0.00			1/2" Ice	6.10	2.80	0.04
			0.00			1" Ice	6.44	2.95	0.05
						2" Ice	7.12	3.25	0.09
(2) SBNHH-1D65B	A	From Leg	3.00	0.0000	116.00	No Ice	8.17	3.13	0.05
			0.00			1/2" Ice	8.58	3.28	0.08
			0.00			1" Ice	8.99	3.43	0.10
						2" Ice	9.81	3.73	0.15
(2) SBNHH-1D65B	B	From Leg	3.00	0.0000	116.00	No Ice	8.17	3.13	0.05
			0.00			1/2" Ice	8.58	3.28	0.08
			0.00			1" Ice	8.99	3.43	0.10
						2" Ice	9.81	3.73	0.15
(2) SBNHH-1D65B	C	From Leg	3.00	0.0000	116.00	No Ice	8.17	3.13	0.05
			0.00			1/2" Ice	8.58	3.28	0.08
			0.00			1" Ice	8.99	3.43	0.10
						2" Ice	9.81	3.73	0.15

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice

Comb. No.	Description
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection ft	Gov. Load Comb.	Tilt °	Twist °
L1	151.5 - 141	1.683	40	1.1257	0.0015
L2	141 - 120.33	1.479	40	1.0895	0.0008
L3	120.33 - 111.19	1.105	40	0.9924	0.0005
L4	111.19 - 82.08	0.950	40	0.9465	0.0005
L5	82.08 - 70.06	0.522	40	0.7226	0.0004
L6	70.06 - 42.24	0.380	40	0.6232	0.0003
L7	42.24 - 32.71	0.138	40	0.3690	0.0001
L8	32.71 - 0	0.083	40	0.2875	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection ft	Tilt °	Twist °	Radius of Curvature ft
152.00	CBC23SR-43	40	1.683	1.1257	0.0015	20026

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection ft	Tilt °	Twist °	Radius of Curvature ft
151.50	(2) TPX-070821	40	1.683	1.1257	0.0015	20026
142.00	KRY 112 144/2	40	1.498	1.0934	0.0008	11129
134.00	800 MHz 2X50W RRH w/ Filter	40	1.348	1.0592	0.0005	10823
127.00	Round Platform w/ Handrails	40	1.222	1.0253	0.0003	12512
119.00	Round Platform w/ Handrails	40	1.082	0.9860	0.0005	13068
116.00	Outdoor CBRS 20W RRH –Clip-on Antenna	40	1.030	0.9716	0.0005	11402

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection ft	Gov. Load Comb.	Tilt °	Twist °
L1	151.5 - 141	7.334	4	4.9093	0.0068
L2	141 - 120.33	6.446	4	4.7566	0.0036
L3	120.33 - 111.19	4.813	4	4.3313	0.0022
L4	111.19 - 82.08	4.139	4	4.1306	0.0024
L5	82.08 - 70.06	2.272	4	3.1520	0.0017
L6	70.06 - 42.24	1.656	4	2.7178	0.0013
L7	42.24 - 32.71	0.600	4	1.6081	0.0006
L8	32.71 - 0	0.362	4	1.2525	0.0005

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection ft	Tilt °	Twist °	Radius of Curvature ft
152.00	CBC23SR-43	4	7.334	4.9093	0.0068	4739
151.50	(2) TPX-070821	4	7.334	4.9093	0.0068	4739
142.00	KRY 112 144/2	4	6.529	4.7732	0.0038	2632
134.00	800 MHz 2X50W RRH w/ Filter	4	5.875	4.6250	0.0023	2543
127.00	Round Platform w/ Handrails	4	5.323	4.4759	0.0016	2908
119.00	Round Platform w/ Handrails	4	4.713	4.3034	0.0023	3025
116.00	Outdoor CBRS 20W RRH –Clip-on Antenna	4	4.490	4.2402	0.0024	2641

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	151.5 - 141 (1)	TP17.7841x17.1872x0.24	10.50	0.00	0.0	13.5581	-6.01	793.15	0.008
L2	141 - 120.33 (2)	TP31.557x17.7841x0.3059	20.67	0.00	0.0	30.7823	-14.86	1800.76	0.008

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L3	120.33 - 111.19 (3)	TP33.028x31.557x0.3063	9.14	0.00	0.0	32.2730	-19.84	1887.97	0.011
L4	111.19 - 82.08 (4)	TP38.347x33.028x0.3141	29.11	0.00	0.0	38.4666	-25.34	2250.29	0.011
L5	82.08 - 70.06 (5)	TP39.711x38.347x0.3804	12.02	0.00	0.0	48.1756	-28.30	2818.27	0.010
L6	70.06 - 42.24 (6)	TP43.95x39.711x0.4014	27.82	0.00	0.0	56.2869	-36.01	3292.78	0.011
L7	42.24 - 32.71 (7)	TP45.064x43.95x0.4706	9.53	0.00	0.0	67.5738	-39.19	3953.07	0.010
L8	32.71 - 0 (8)	TP49.552x45.064x0.4906	32.71	0.00	0.0	77.5039	-50.95	4533.98	0.011

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	151.5 - 141 (1)	TP17.7841x17.1872x0.24	54.489	355.165	0.153	0.000	355.165	0.000
L2	141 - 120.33 (2)	TP31.557x17.7841x0.3059	250.685	1338.433	0.187	0.000	1338.433	0.000
L3	120.33 - 111.19 (3)	TP33.028x31.557x0.3063	399.735	1443.525	0.277	0.000	1443.525	0.000
L4	111.19 - 82.08 (4)	TP38.347x33.028x0.3141	1004.817	1890.267	0.532	0.000	1890.267	0.000
L5	82.08 - 70.06 (5)	TP39.711x38.347x0.3804	1294.050	2624.083	0.493	0.000	2624.083	0.000
L6	70.06 - 42.24 (6)	TP43.95x39.711x0.4014	2031.250	3329.325	0.610	0.000	3329.325	0.000
L7	42.24 - 32.71 (7)	TP45.064x43.95x0.4706	2304.225	4308.633	0.535	0.000	4308.633	0.000
L8	32.71 - 0 (8)	TP49.552x45.064x0.4906	3302.817	5333.258	0.619	0.000	5333.258	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	151.5 - 141 (1)	TP17.7841x17.1872x0.24	7.03	237.94	0.030	0.270	367.203	0.001
L2	141 - 120.33 (2)	TP31.557x17.7841x0.3059	13.64	540.23	0.025	0.481	1485.058	0.000
L3	120.33 - 111.19 (3)	TP33.028x31.557x0.3063	17.94	566.39	0.032	0.109	1630.242	0.000
L4	111.19 - 82.08 (4)	TP38.347x33.028x0.3141	23.28	675.09	0.034	0.784	2258.500	0.000
L5	82.08 - 70.06 (5)	TP39.711x38.347x0.3804	24.86	845.48	0.029	0.783	2925.058	0.000
L6	70.06 - 42.24 (6)	TP43.95x39.711x0.4014	28.16	987.84	0.029	0.782	3784.067	0.000
L7	42.24 - 32.71 (7)	TP45.064x43.95x0.4706	29.15	1185.92	0.025	0.782	4651.850	0.000
L8	32.71 - 0 (8)	TP49.552x45.064x0.4906	31.91	1360.19	0.023	0.781	5870.033	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio P_u / ϕP_n	Ratio M_{ux} / ϕM_{nx}	Ratio M_{uy} / ϕM_{ny}	Ratio V_u / ϕV_n	Ratio T_u / ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	151.5 - 141 (1)	0.008	0.153	0.000	0.030	0.001	0.162 ✔	1.000	4.8.2 ✔
L2	141 - 120.33 (2)	0.008	0.187	0.000	0.025	0.000	0.196 ✔	1.000	4.8.2 ✔
L3	120.33 - 111.19 (3)	0.011	0.277	0.000	0.032	0.000	0.288 ✔	1.000	4.8.2 ✔
L4	111.19 - 82.08 (4)	0.011	0.532	0.000	0.034	0.000	0.544 ✔	1.000	4.8.2 ✔
L5	82.08 - 70.06 (5)	0.010	0.493	0.000	0.029	0.000	0.504 ✔	1.000	4.8.2 ✔
L6	70.06 - 42.24 (6)	0.011	0.610	0.000	0.029	0.000	0.622 ✔	1.000	4.8.2 ✔
L7	42.24 - 32.71 (7)	0.010	0.535	0.000	0.025	0.000	0.545 ✔	1.000	4.8.2 ✔
L8	32.71 - 0 (8)	0.011	0.619	0.000	0.023	0.000	0.631 ✔	1.000	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	151.5 - 141	Pole	TP17.7841x17.1872x0.24	1	-6.01	793.15	16.2	Pass
L2	141 - 120.33	Pole	TP31.557x17.7841x0.3059	2	-14.86	1800.76	19.6	Pass
L3	120.33 - 111.19	Pole	TP33.028x31.557x0.3063	3	-19.84	1887.97	28.8	Pass
L4	111.19 - 82.08	Pole	TP38.347x33.028x0.3141	4	-25.34	2250.29	54.4	Pass
L5	82.08 - 70.06	Pole	TP39.711x38.347x0.3804	5	-28.30	2818.27	50.4	Pass
L6	70.06 - 42.24	Pole	TP43.95x39.711x0.4014	6	-36.01	3292.78	62.2	Pass
L7	42.24 - 32.71	Pole	TP45.064x43.95x0.4706	7	-39.19	3953.07	54.5	Pass
L8	32.71 - 0	Pole	TP49.552x45.064x0.4906	8	-50.95	4533.98	63.1	Pass
							Summary	
						Pole (L8)	63.1	Pass
						RATING =	**63.1**	**Pass**

Base Plate & Anchor Rod Analysis

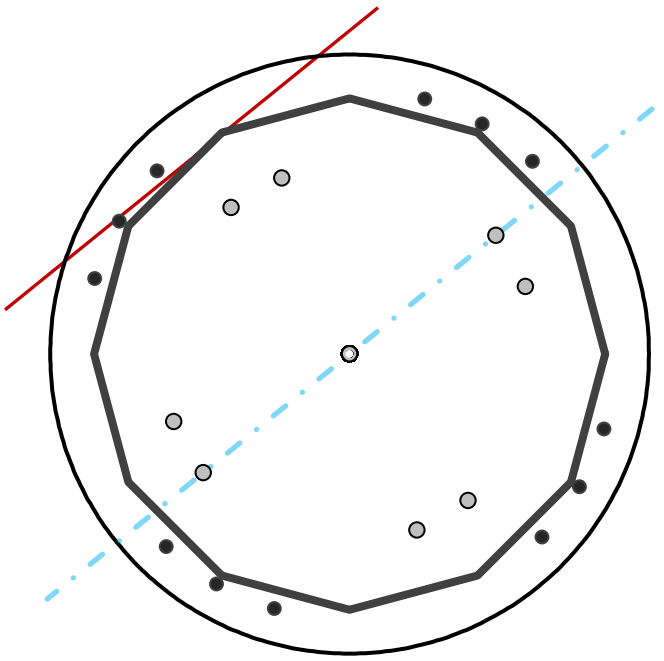
Pole Dimensions		
Number of Sides	12	-
Diameter	51	in
Thickness	3/4	in
Orientation Offset	0	°

Base Reactions		
Moment, Mu	3,303.0	k-ft
Axial, Pu	51.0	k
Shear, Vu	32.0	k
Neutral Axis	39	°

Report Capacities		
Component	Capacity	Result
Base Plate	18%	Pass
Anchor Rods	78%	Pass
Dwyidag	-	-

Base Plate		
Shape	Round	-
Diameter, ø	62	in
Thickness	2	in
Grade	A572-60	
Yield Strength, Fy	60	ksi
Tensile Strength, Fu	75	ksi
Clip	N/A	in
Orientation Offset		°
Anchor Rod Detail	c	η=0.55
Clear Distance	N/A	in
Applied Moment, Mu	276.7	k
Bending Stress, ϕMn	1577.0	k

Original Anchor Rods		
Arrangement	Cluster	-
Quantity	12	-
Diameter, ø	1 3/4	in
Bolt Circle	55	in
Grade	Other	
Yield Strength, Fy	128	ksi
Tensile Strength, Fu	150	ksi
Spacing	6.5	in
Orientation Offset	15	°
Applied Force, Pu	152.9	k
Anchor Rods, ϕPn	213.7	k



Additional Anchor Rods		
Quantity	8	-
Diameter, ø	2 1/4	in
Bolt Circle	39	in
Grade	A615-75	
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Bypass Base?	No	
Orientation Offset		°
Applied Force, Pu	185.9	k
Additional Rod, ϕPn	243.6	k

Calculations for Monopole Base Plate & Anchor Rod Analysis

Reaction Distribution

Reaction	Shear Vu	Moment Mu	Factor
-	k	k-ft	-
Base Forces	32.0	3303.0	1.00
Anchor Rod Forces	28.9	2098.9	0.64
Additional Bolt (Grp1) Forces	3.1	1204.1	0.36
Additional Bolt (Grp2) Forces	0.0	0.0	0.00
Dywidag Forces	0.0	0.0	0.00
Stiffener Forces	0.0	0.0	0.00

Geometric Properties

Section	Gross Area	Net Area	Individual Inertia	Threads per Inch	Moment of Inertia
-	in^2	in^2	in^4	#	in^4
Pole	117.0509	9.7542	1.8426		36967.22
Bolt	2.4053	1.8995	0.2871	5	8622.24
Bolt1	3.9761	3.2477	0.8393	4.5	4946.45
Bolt2	0.0000	0.0000	0.0000	0	0.00
Dywidag	0.0000	0.0000	0.0000		0.00
Stiffener	0.0000	0.0000	0.0000		0.00

Base Plate		
Shape	Round	-
Diameter, D	62	in
Thickness, t	2	in
Yield Strength, Fy	60	ksi
Tensile Strength, Fu	75	ksi
Base Plate Chord	35.256	in
Detail Type	c	-
Detail Factor	0.55	-
Clear Distance	N/A	-

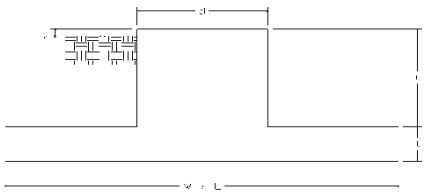
Anchor Rods		
Anchor Rod Quantity, N	12	-
Rod Diameter, d	1.75	in
Bolt Circle, BC	55	in
Yield Strength, Fy	127.7	ksi
Tensile Strength, Fu	150	ksi
Applied Axial, Pu	152.9	k
Applied Shear, Vu	0.5	k
Compressive Capacity, ϕPn	213.7	k
Tensile Capacity, ϕRnt	0.716	OK
Interaction Capacity	0.720	OK

External Base Plate		
Chord Length AA	25.204	in
Additional AA	4.000	in
Section Modulus, Z	29.204	in^3
Applied Moment, Mu	276.7	k-ft
Bending Capacity, ϕMn	1577.0	k-ft
Capacity, Mu/ϕMn	0.175	OK
Chord Length AB	21.156	in
Additional AB	4.000	in
Section Modulus, Z	25.156	in^3
Applied Moment, Mu	122.8	k-ft
Bending Capacity, ϕMn	1358.4	k-ft
Capacity, Mu/ϕMn	0.090	OK
Bend Line Length	0.000	in
Additional Bend Line	0.000	in
Section Modulus, Z	0.000	in^3
Applied Moment, Mu	#N/A	k-ft
Bending Capacity, ϕMn	0.0	k-ft
Capacity, Mu/ϕMn		

Additional Bolt Group 1		
Bolt Quantity, N	8	-
Bolt Diameter, d	2.25	in
Bolt Circle, BC	39	in
Yield Strength, Fy	75	ksi
Tensile Strength, Fu	100	ksi
Applied Axial, Pu	185.9	k
Applied Shear, Vu	2.0	k
Compressive Capacity, ϕPn	243.6	k
Compressive Capacity, ϕPn	0.763	OK
Interaction Capacity	0.778	OK

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

Site Name:	Brln-Berlin	*Program Last Updated:*	*10/17/2019*
Site Number:	302483		
Engineering Number:	OAA754987		
Engineer:	GDH		
Date:	06/25/21		
Tower Type:	MP		



Design Loads (Factored) - Analysis per TIA-222-H Standards

Design / Analysis / Mapping:	Mapping	
Compression/Leg:	51	k
Total Shear:	32	k
Moment:	3303	k-ft
Tower + Appurtenance Weight:	52	k
Depth to Base of Foundation (l + t - h):	8	ft
Diameter of Pier (d):	7	ft
Height of Pier above Ground (h):	0.5	ft
Width of Pad (W):	11	ft
Length of Pad (L):	11	ft
Thickness of Pad (t):	2.6	ft
Tower Leg Center to Center:	0	ft
Number of Tower Legs:	1	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	99	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	135	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	72.6	pcf
Friction Angle of Uplift:	35	°
Ultimate Coefficient of Shear Friction:	0.35	-
Ultimate Compressive Bearing Pressure:	26000	psf
Ultimate Passive Pressure on Pad Face:	500	psf
Factored Moment Applied to Rock Anchors	**3170**	**k-ft**
$\phi_{Soil\ and\ Concrete\ Weight}$:	0.9	-
ϕ_{Soil}:	0.75	-

Rock Anchor Usage		
Rock Anchor Resistance:	3360.0	k
Rock Anchor Tensile Resistance:	0.992	Result: OK

Overturning Moment Usage		
Design OTM:	3575.0	k-ft
Weight of Soil and Concrete OTM Resistance:	141.4	k
OTM Resistance from Soil and Concrete:	777.6	k-ft
OTM Resistance from Tower:	238.3	k-ft
OTM Resistance from Soil Facture:	428.1	k-ft
OTM Resistance from Passive Pressure on Pad Face:	16.5	k-ft
OTM Resistance:	4484.5	k-ft
Design OTM / OTM Resistance:	0.797	Result: OK

Soil Bearing Pressure Usage		
Total Weight (Foundation, Soil, Tower):	188.7	k
Factored Nominal Bearing Pressure:	19500	psf
Net Bearing Pressure/Factored Nominal Bearing Pressure:	0.17	Result: OK
Load Direction Controling Design Bearing Pressure:	Diagonal to Pad Edge	

Sliding Factor of Safety		
Total Factored Sliding Resistance:	59.1	k
Sliding Design / Sliding Resistance:	0.54	Result: OK

Maser Consulting Connecticut
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New/Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10062491
Maser Consulting Connecticut Project #: 21777888A

July 8, 2021

Site Information	*Site ID:*	*468246-VZW / BERLIN 2 CT*
	Site Name:	*BERLIN 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*260 Beckley Rd* *Berlin, Connecticut 06037* *Hartford County*
	Latitude:	*41.631711°*
	Longitude:	*-72.729914°*
Structure Information	*Tower Type:*	*152-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 2552218

Analysis Results

Platform: **42.6% Pass**

Digitally signed by Taqi Khawaja
Date: 2021.07.09 09:34:09-04'00'

******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: Nathan Laporte

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: 323437, dated March 16, 2021*
Mount Specification	*Site Pro 1 Part #: RMQP-496*
Support Rail Specification	*Site Pro 1 Part #: HRK-12*

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:	0.993
Seismic Parameters:	S_S:	0.200
	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
115.50	116.00	6	Andrew	SBNHH-1D65B	Retained
		3	Amphenol Antel	BXA-70080-6CF-EDIN-4	Added
		3	Samsung	MT6407-77A	
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RVZDC-6627-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	16.5 %	Pass
Standoff Horizontal	39.4 %	Pass
Platform Crossmember	19.7 %	Pass
Mount Pipe	34.9 %	Pass
Corner Plate	19.6 %	Pass
Grating Support	17.1 %	Pass
Cross Arm Plate	40.4 %	Pass
Support Rail	24.1 %	Pass
Support Rail Corner	30.5 %	Pass
Mount Connection	42.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**42.6%**

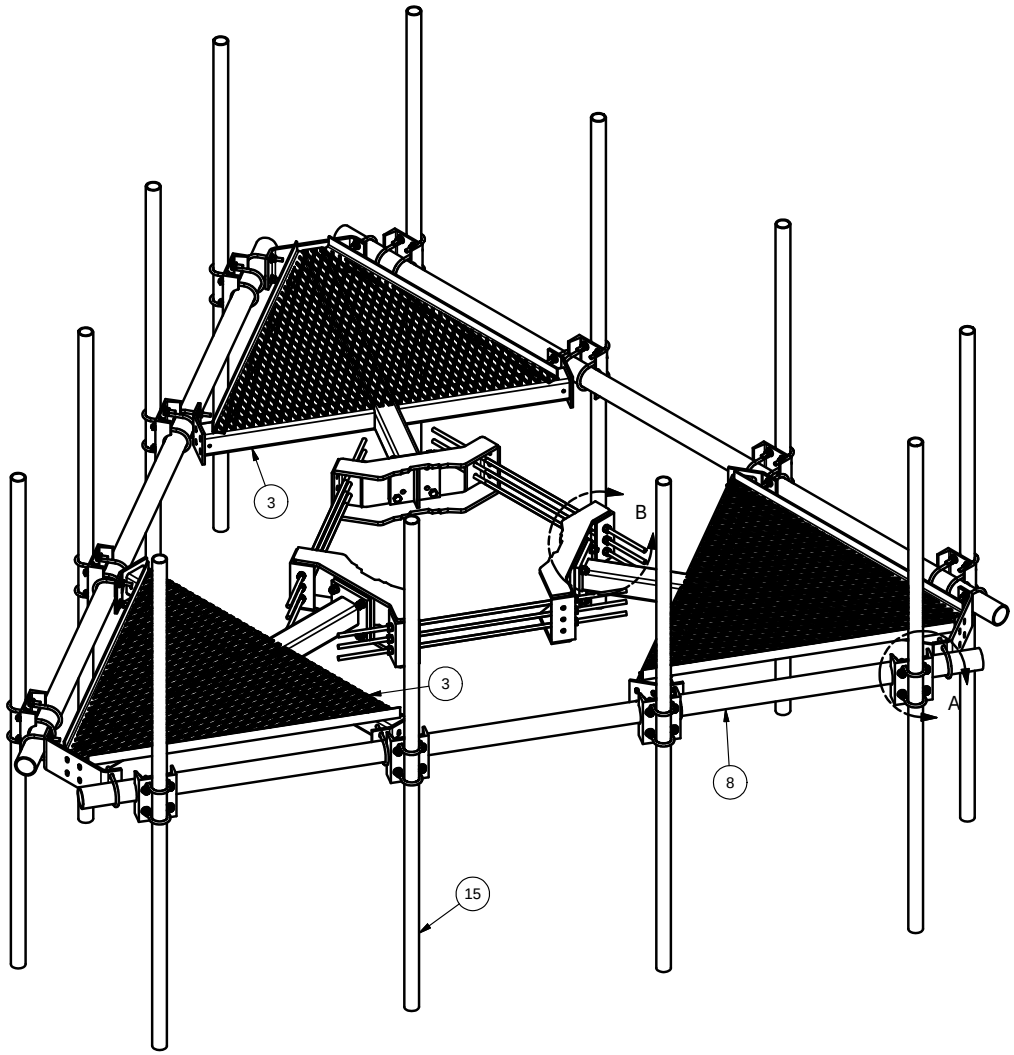
Recommendation:

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

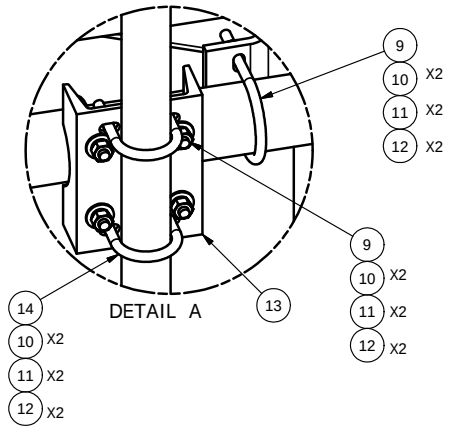
ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

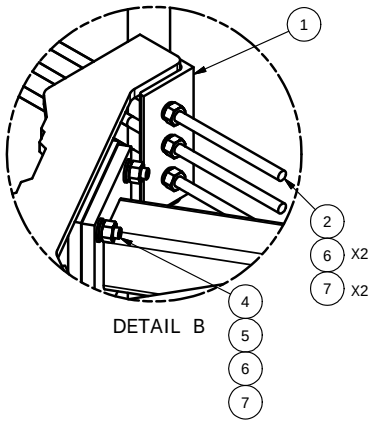
Attachments:

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



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	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")

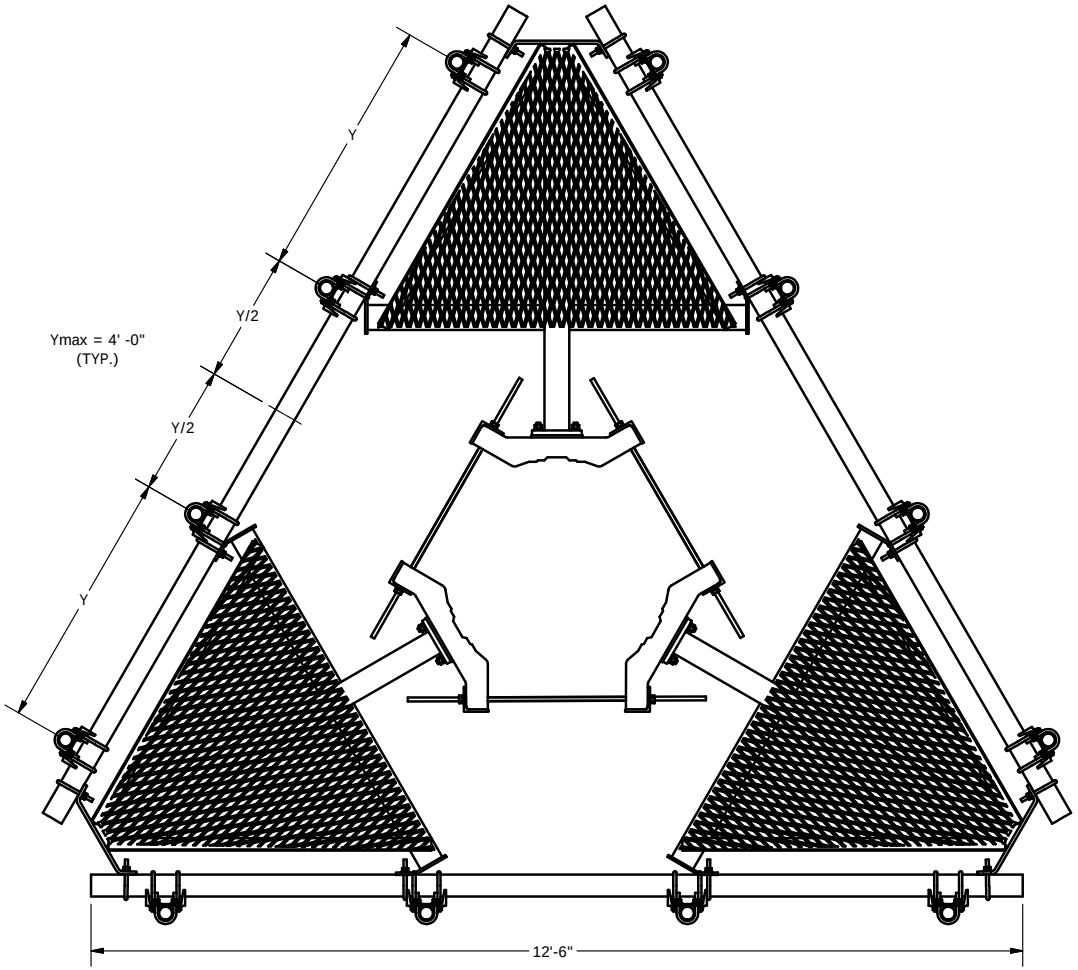
DESCRIPTION
LOW PROFILE CO-LOCATION PLATFORM
FOR 12 ANTENNAS WITH 12' 6" FACE WIDTH
FOR 12" - 38" DIAMETER POLES

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



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A	ADDED 10' 6" ANTENNA MOUNTING PIPES		CEK	7/9/2015

REVISION HISTORY

DESCRIPTION
LOW PROFILE CO-LOCATION PLATFORM
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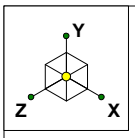
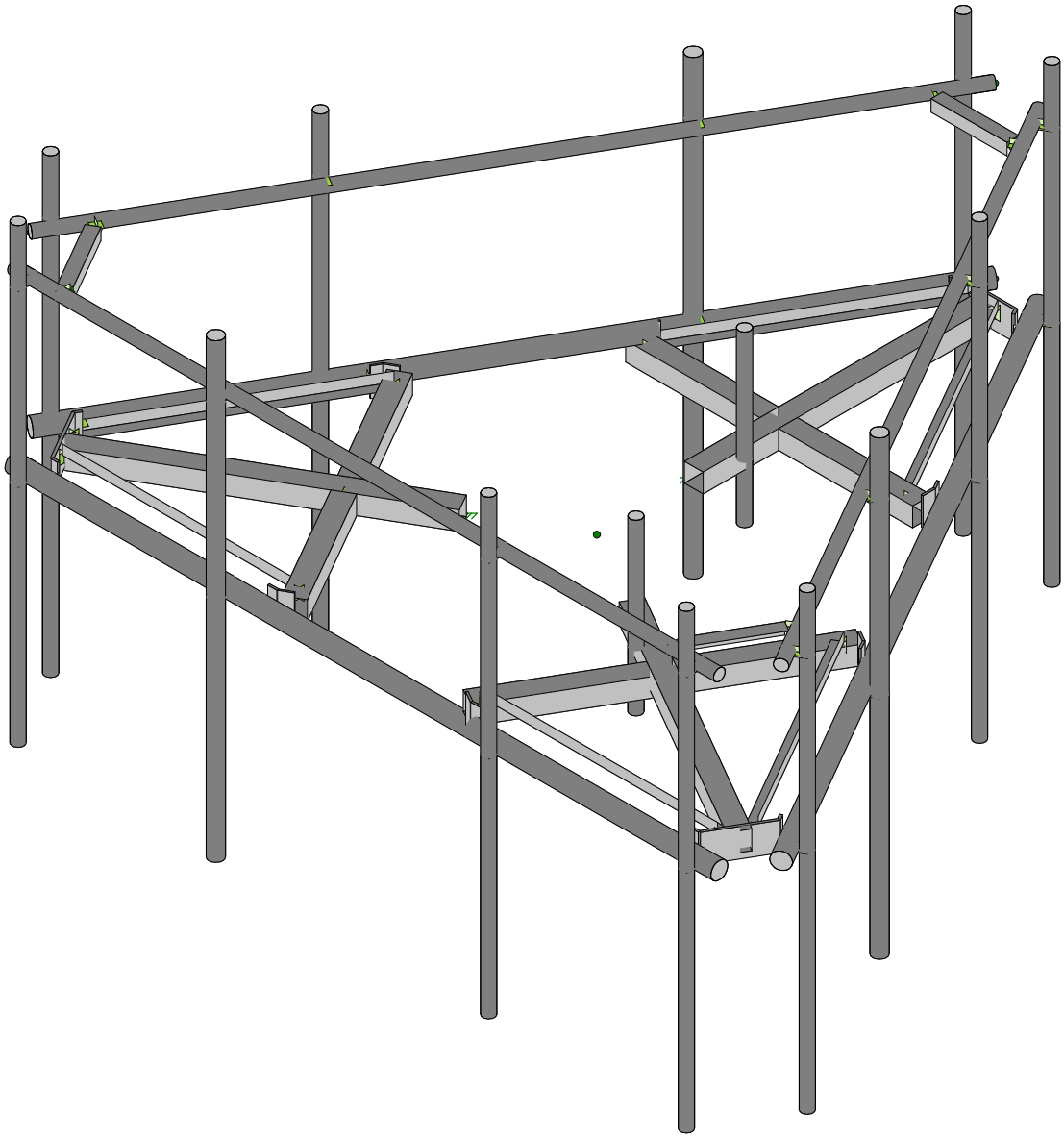
	BMC 7/9/2015	RMQP-4XX	2 OF 2





Envelope Only Solution

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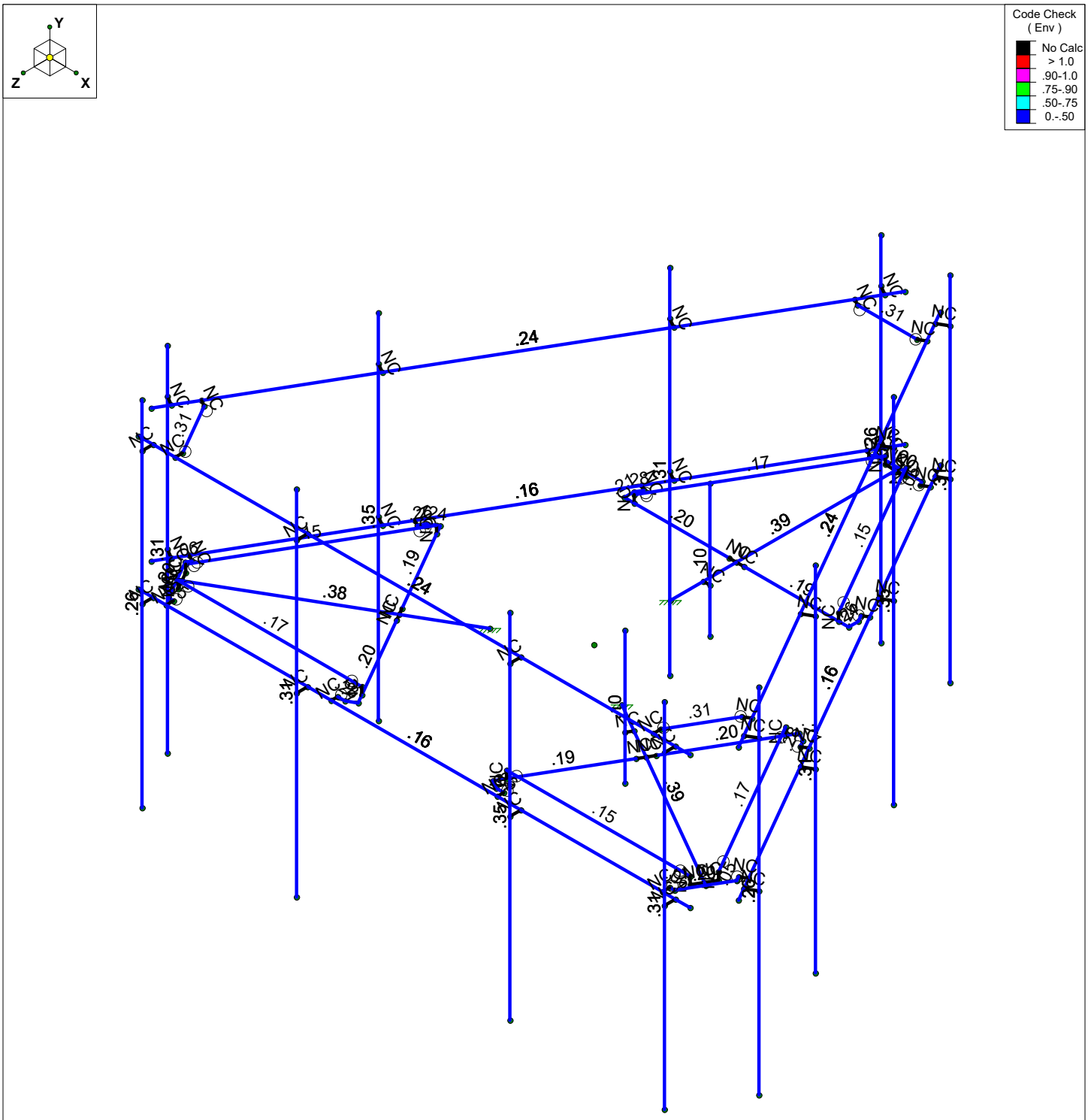

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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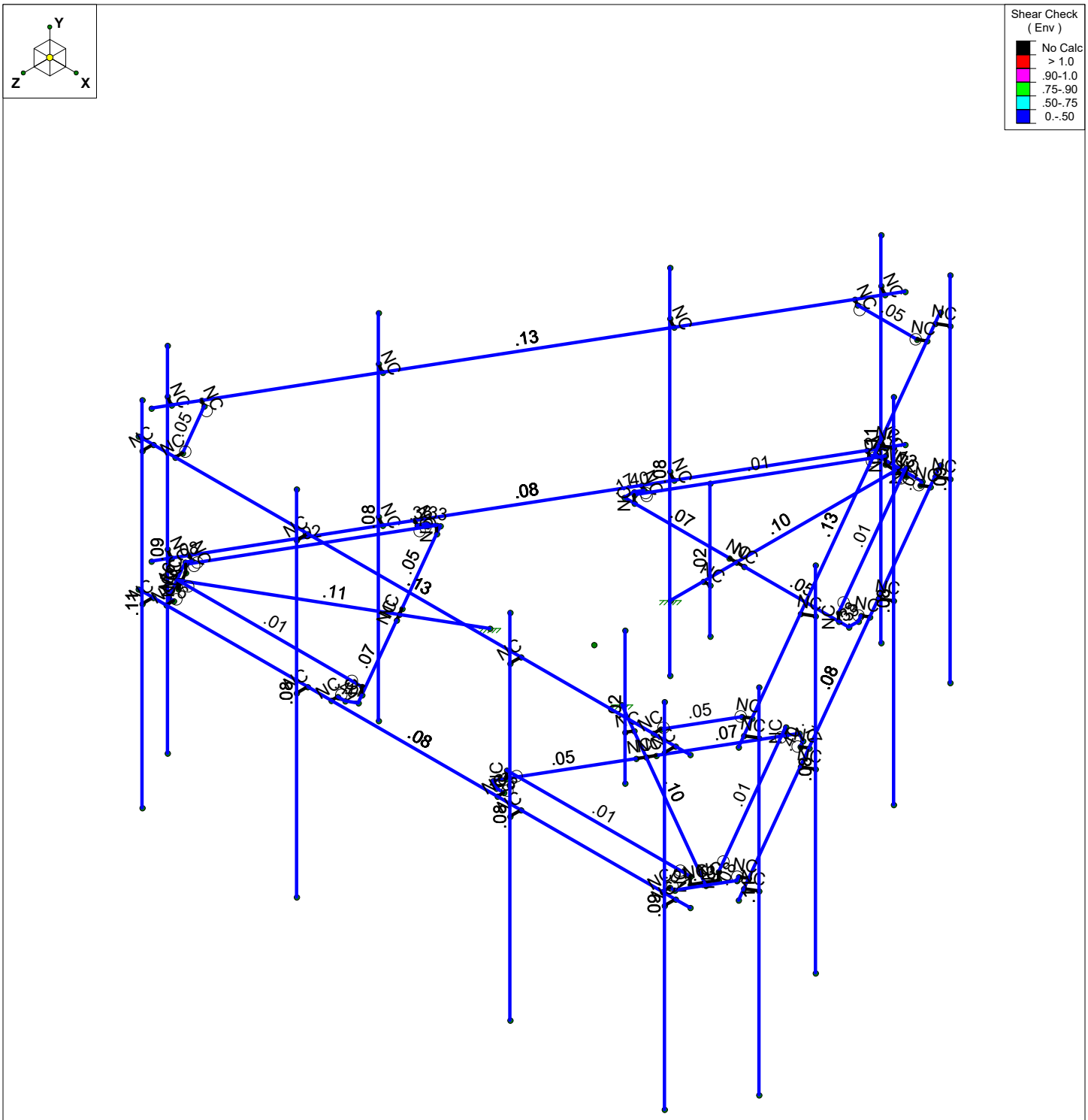

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

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Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					105			
2	Antenna Di	None					105			
3	Antenna Wo (0 Deg)	None					105			
4	Antenna Wo (30 Deg)	None					105			
5	Antenna Wo (60 Deg)	None					105			
6	Antenna Wo (90 Deg)	None					105			
7	Antenna Wo (120 Deg)	None					105			
8	Antenna Wo (150 Deg)	None					105			
9	Antenna Wo (180 Deg)	None					105			
10	Antenna Wo (210 Deg)	None					105			
11	Antenna Wo (240 Deg)	None					105			
12	Antenna Wo (270 Deg)	None					105			
13	Antenna Wo (300 Deg)	None					105			
14	Antenna Wo (330 Deg)	None					105			
15	Antenna Wi (0 Deg)	None					105			
16	Antenna Wi (30 Deg)	None					105			
17	Antenna Wi (60 Deg)	None					105			
18	Antenna Wi (90 Deg)	None					105			
19	Antenna Wi (120 Deg)	None					105			
20	Antenna Wi (150 Deg)	None					105			
21	Antenna Wi (180 Deg)	None					105			
22	Antenna Wi (210 Deg)	None					105			
23	Antenna Wi (240 Deg)	None					105			
24	Antenna Wi (270 Deg)	None					105			
25	Antenna Wi (300 Deg)	None					105			
26	Antenna Wi (330 Deg)	None					105			
27	Antenna Wm (0 Deg)	None					105			
28	Antenna Wm (30 Deg)	None					105			
29	Antenna Wm (60 Deg)	None					105			
30	Antenna Wm (90 Deg)	None					105			
31	Antenna Wm (120 Deg)	None					105			
32	Antenna Wm (150 Deg)	None					105			
33	Antenna Wm (180 Deg)	None					105			
34	Antenna Wm (210 Deg)	None					105			
35	Antenna Wm (240 Deg)	None					105			
36	Antenna Wm (270 Deg)	None					105			
37	Antenna Wm (300 Deg)	None					105			
38	Antenna Wm (330 Deg)	None					105			
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 Deg)	None						118		
46	Structure Wo (150 Deg)	None						118		
47	Structure Wo (180 Deg)	None						118		
48	Structure Wo (210 Deg)	None						118		
49	Structure Wo (240 Deg)	None						118		
50	Structure Wo (270 Deg)	None						118		
51	Structure Wo (300 Deg)	None						118		
52	Structure Wo (330 Deg)	None						118		
53	Structure Wi (0 Deg)	None						118		
54	Structure Wi (30 Deg)	None						118		
55	Structure Wi (60 Deg)	None						118		
56	Structure Wi (90 Deg)	None						118		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
57	Structure Wi (120 Deg)	None						118		
58	Structure Wi (150 Deg)	None						118		
59	Structure Wi (180 Deg)	None						118		
60	Structure Wi (210 Deg)	None						118		
61	Structure Wi (240 Deg)	None						118		
62	Structure Wi (270 Deg)	None						118		
63	Structure Wi (300 Deg)	None						118		
64	Structure Wi (330 Deg)	None						118		
65	Structure Wm (0 Deg)	None						118		
66	Structure Wm (30 Deg)	None						118		
67	Structure Wm (60 Deg)	None						118		
68	Structure Wm (90 Deg)	None						118		
69	Structure Wm (120 Deg)	None						118		
70	Structure Wm (150 Deg)	None						118		
71	Structure Wm (180 Deg)	None						118		
72	Structure Wm (210 Deg)	None						118		
73	Structure Wm (240 Deg)	None						118		
74	Structure Wm (270 Deg)	None						118		
75	Structure Wm (300 Deg)	None						118		
76	Structure Wm (330 Deg)	None						118		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Area ...	None						30		
82	BLC 40 Transient Area ...	None						30		

Load Combinations

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

Load Combinations (Continued)

	Description	Solve P...	S...	BLC	Fac..	BLC	Fac...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
27	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5Lm1 + 1...	Yes	Y	1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5Lm2 + 1...	Yes	Y	1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5Lv1	Yes	Y	1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5Lv2	Yes	Y	1	1.2	39	1.2	80	1.5																
51	1.4D	Yes	Y	1	1.4	39	1.4																		
52	Seismic Mass		Y	1	1	39	1																		
53	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX		SY	1	SZ	-1												
54	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866												
55	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5												
56	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	1	SY	1	SZ													
57	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.866	SY	1	SZ	.5												
58	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	.5	SY	1	SZ	.866												
59	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX		SY	1	SZ	1												
60	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866												
61	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5												
62	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-1	SY	1	SZ													
63	1.2D + 1.0Ev + 1.0...		Y	1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5												
64	1.2D + 1.0Ev + 1.0...		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	6.25	0	4.07094	0	
2	N2	-6.25	0	4.07094	0	
3	N3	0	0	-1.729167	0	
4	N5	-2.541667	0	-3.229167	0	
5	N6	2.315104	0.166667	-3.229167	0	
6	N7	-2.315104	0.166667	-3.229167	0	
7	N8	5.916667	0	4.07094	0	
8	N9	5.916667	0	4.32094	0	
9	N22	5.916667	-4	4.32094	0	
10	N23	5.916667	4	4.32094	0	
11	N24	0	0	-3.229167	0	
12	N27	0	0	-6.916667	0	
13	CP	0	0	0	0	
14	N29	2.315104	0	-3.229167	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N30	-2.315104	0	-3.229167	0	
16	N101	2.541667	0	-3.229167	0	
17	N102	-0.166667	0	-3.229167	0	
18	N103A	0.166667	0	-3.229167	0	
19	N104A	-2.541667	0	-3.447917	0	
20	N105	2.541667	0	-3.447917	0	
21	N131	2.458333	0	-3.592254	0	
22	N135	0.571615	0	-6.81969	0	
23	N144	-2.458333	0	-3.592254	0	
24	N148	-0.571615	0	-6.81969	0	
25	N86A	2.584629	0	-3.665171	0	
26	N86B	-2.584629	0	-3.665171	0	
27	N86C	-0.515625	0	-6.916667	0	
28	N87A	0.515625	0	-6.916667	0	
29	N86D	0.715429	0	-6.902721	0	
30	N86E	-0.715429	0	-6.902721	0	
31	N88A	0	0	-6.833333	0	
32	N87C	0.234238	0.166667	-6.833333	0	
33	N86G	0.234238	0	-6.833333	0	
34	N87B	-0.234238	0.166667	-6.833333	0	
35	N88C	-0.234238	0	-6.833333	0	
36	N36	2.416667	0	4.07094	0	
37	N37	2.416667	0	4.32094	0	
38	N38	2.416667	-4	4.32094	0	
39	N39	2.416667	4	4.32094	0	
40	N40	-5.916667	0	4.07094	0	
41	N41	-5.916667	0	4.32094	0	
42	N42	-5.916667	-4	4.32094	0	
43	N43	-5.916667	4	4.32094	0	
44	N44	-2.416667	0	4.07094	0	
45	N45	-2.416667	0	4.32094	0	
46	N46	-2.416667	-4	4.32094	0	
47	N47	-2.416667	4	4.32094	0	
48	N48	0.400537	0	-7.448129	0	
49	N49	6.650537	0	3.377189	0	
50	N50	-1.497502	0	0.864583	0	
51	N51	-1.525707	0	3.815731	0	
52	N52	-3.954092	0.166667	-0.390356	0	
53	N53	-1.638988	0.166667	3.619522	0	
54	N54	0.567204	0	-7.159454	0	
55	N55	0.78371	0	-7.284454	0	
56	N56	0.78371	-4	-7.284454	0	
57	N57	0.78371	4	-7.284454	0	
58	N58	-2.79654	0	1.614583	0	
59	N59	-5.990009	0	3.458333	0	
60	N60	-3.954092	0	-0.390356	0	
61	N61	-1.638988	0	3.619522	0	
62	N62	-4.067374	0	-0.586565	0	
63	N63	-2.713207	0	1.758921	0	
64	N64	-2.879874	0	1.470246	0	
65	N65	-1.71515	0	3.925106	0	
66	N66	-4.256817	0	-0.47719	0	
67	N67	-4.34015	0	-0.332852	0	
68	N68	-6.191832	0	2.914812	0	
69	N69	-1.881817	0	3.925106	0	
70	N70	-5.620217	0	3.904878	0	
71	N71	-4.466446	0	-0.405769	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N72	-1.881817	0	4.07094	0	
73	N73	-5.732197	0	3.904878	0	
74	N74	-6.247822	0	3.011789	0	
75	N75	-6.335646	0	2.831781	0	
76	N76	-5.620217	0	4.07094	0	
77	N77	-5.91784	0	3.416667	0	
78	N78	-6.034959	0.166667	3.213811	0	
79	N79	-6.034959	0	3.213811	0	
80	N80	-5.800721	0.166667	3.619522	0	
81	N81	-5.800721	0	3.619522	0	
82	N82	2.317204	0	-4.128365	0	
83	N83	2.53371	0	-4.253365	0	
84	N84	2.53371	-4	-4.253365	0	
85	N85	2.53371	4	-4.253365	0	
86	N86	6.483871	0	3.088514	0	
87	N87	6.700377	0	2.963514	0	
88	N88	6.700377	-4	2.963514	0	
89	N89	6.700377	4	2.963514	0	
90	N90	4.733871	0	0.057425	0	
91	N91	4.950377	0	-0.067575	0	
92	N92	4.950377	-4	-0.067575	0	
93	N93	4.950377	4	-0.067575	0	
94	N94	-6.650537	0	3.377189	0	
95	N95	-0.400537	0	-7.448129	0	
96	N96	1.497502	0	0.864583	0	
97	N97	4.067374	0	-0.586565	0	
98	N98	1.638988	0.166667	3.619522	0	
99	N99	3.954092	0.166667	-0.390356	0	
100	N100	-6.483871	0	3.088514	0	
101	N101A	-6.700377	0	2.963514	0	
102	N102A	-6.700377	-4	2.963514	0	
103	N103	-6.700377	4	2.963514	0	
104	N104	2.79654	0	1.614583	0	
105	N105A	5.990009	0	3.458333	0	
106	N106	1.638988	0	3.619522	0	
107	N107	3.954092	0	-0.390356	0	
108	N108	1.525707	0	3.815731	0	
109	N109	2.879874	0	1.470246	0	
110	N110	2.713207	0	1.758921	0	
111	N111	4.256817	0	-0.47719	0	
112	N112	1.71515	0	3.925106	0	
113	N113	1.881817	0	3.925106	0	
114	N114	5.620217	0	3.904878	0	
115	N115	4.34015	0	-0.332852	0	
116	N116	6.191832	0	2.914812	0	
117	N117	1.881817	0	4.07094	0	
118	N118	4.466446	0	-0.405769	0	
119	N119	6.247822	0	3.011789	0	
120	N120	5.732197	0	3.904878	0	
121	N121	5.620217	0	4.07094	0	
122	N122	6.335646	0	2.831781	0	
123	N123	5.91784	0	3.416667	0	
124	N124	5.800721	0.166667	3.619522	0	
125	N125	5.800721	0	3.619522	0	
126	N126	6.034959	0.166667	3.213811	0	
127	N127	6.034959	0	3.213811	0	
128	N128	-4.733871	0	0.057425	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N129	-4.950377	0	-0.067575	0	
130	N130	-4.950377	-4	-0.067575	0	
131	N131A	-4.950377	4	-0.067575	0	
132	N132	-0.567204	0	-7.159454	0	
133	N133	-0.78371	0	-7.284454	0	
134	N134	-0.78371	-4	-7.284454	0	
135	N135A	-0.78371	4	-7.284454	0	
136	N136	-2.317204	0	-4.128365	0	
137	N137	-2.53371	0	-4.253365	0	
138	N138	-2.53371	-4	-4.253365	0	
139	N139	-2.53371	4	-4.253365	0	
140	N140	6.25	3	4.07094	0	
141	N141	-6.25	3	4.07094	0	
142	N142	5.916667	3	4.07094	0	
143	N143	5.916667	3	4.32094	0	
144	N144A	2.416667	3	4.07094	0	
145	N145	2.416667	3	4.32094	0	
146	N146	-5.916667	3	4.07094	0	
147	N147	-5.916667	3	4.32094	0	
148	N148A	-2.416667	3	4.07094	0	
149	N149	-2.416667	3	4.32094	0	
150	N150	0.400537	3	-7.448129	0	
151	N151	6.650537	3	3.377189	0	
152	N152	0.567204	3	-7.159454	0	
153	N153	0.78371	3	-7.284454	0	
154	N154	2.317204	3	-4.128365	0	
155	N155	2.53371	3	-4.253365	0	
156	N156	6.483871	3	3.088514	0	
157	N157	6.700377	3	2.963514	0	
158	N158	4.733871	3	0.057425	0	
159	N159	4.950377	3	-0.067575	0	
160	N160	-6.650537	3	3.377189	0	
161	N161	-0.400537	3	-7.448129	0	
162	N162	-6.483871	3	3.088514	0	
163	N163	-6.700377	3	2.963514	0	
164	N164	-4.733871	3	0.057425	0	
165	N165	-4.950377	3	-0.067575	0	
166	N166	-0.567204	3	-7.159454	0	
167	N167	-0.78371	3	-7.284454	0	
168	N168	-2.317204	3	-4.128365	0	
169	N169	-2.53371	3	-4.253365	0	
170	N170	-5.416667	3	4.07094	0	
171	N171	-5.416667	3	3.904273	0	
172	N172	5.416667	3	4.07094	0	
173	N173	5.416667	3	3.904273	0	
174	N174	6.233871	3	2.655501	0	
175	N175	6.089533	3	2.738834	0	
176	N176	0.817204	3	-6.726441	0	
177	N177	0.672866	3	-6.643108	0	
178	N178	-0.817204	3	-6.726441	0	
179	N179	-0.672866	3	-6.643108	0	
180	N180	-6.233871	3	2.655501	0	
181	N181	-6.089533	3	2.738834	0	
182	N182	0	0	-2.479167	0	
183	N183	.15	0	-2.479167	0	
184	N184	.15	2	-2.479167	0	
185	N185	.15	-1	-2.479167	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N186	2.147021	0	1.239583	0	
187	N187	2.072021	0	1.369487	0	
188	N188	2.072021	2	1.369487	0	
189	N189	2.072021	-1	1.369487	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	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	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Corner	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	Kicker	LL2.5x2.5x3x3	Column	Double Angle (3/8 Gap)	A36 Gr.36	Typical	1.8	2.46	1.07	.023
11	P2.5 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 (/1...	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(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
6	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
7	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
8	M35A	N7	N30			RIGID	None	None	RIGID	Typical
9	M36A	N6	N29			RIGID	None	None	RIGID	Typical
10	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
11	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
12	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
13	M58	N102	N24			RIGID	None	None	RIGID	Typical
14	M59	N24	N103A			RIGID	None	None	RIGID	Typical
15	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
16	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
17	M79	N131	N86A			RIGID	None	None	RIGID	Typical
18	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
19	M83	N135	N86D			RIGID	None	None	RIGID	Typical
20	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
21	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M88	N144	N86B			RIGID	None	None	RIGID	Typical
23	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
24	M92	N148	N86E			RIGID	None	None	RIGID	Typical
25	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
26	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
27	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
28	M28	N36	N37			RIGID	None	None	RIGID	Typical
29	MP2A	N39	N38			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
30	M30	N40	N41			RIGID	None	None	RIGID	Typical
31	MP4A	N43	N42			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
32	M32	N44	N45			RIGID	None	None	RIGID	Typical
33	MP3A	N47	N46			P2.5 Pipe	Column	Pipe	A53 Gr.B	Typical
34	M34	N48	N49			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
35	M35	N50	N59			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
36	M36	N62	N64			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M37	N54	N55			RIGID	None	None	RIGID	Typical
38	MP1C	N57	N56			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
39	M39	N63	N51			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
40	M40	N73	N74			Corner Plate	Beam	BAR	A36 Gr.36	Typical
41	M41	N53	N61			RIGID	None	None	RIGID	Typical
42	M42	N52	N60			RIGID	None	None	RIGID	Typical
43	M43A	N78	N52			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
44	M44	N53	N80			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
45	M45	N80	N81			RIGID	None	None	RIGID	Typical
46	M46A	N63	N58			RIGID	None	None	RIGID	Typical
47	M47	N58	N64			RIGID	None	None	RIGID	Typical
48	M48	N62	N66			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
49	M49	N66	N67			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
50	M50A	N67	N71			RIGID	None	None	RIGID	Typical
51	M51C	N74	N68			Corner Plate	Beam	BAR	A36 Gr.36	Typical
52	M52A	N68	N75			RIGID	None	None	RIGID	Typical
53	M53	N51	N65			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
54	M54	N65	N69			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
55	M55	N69	N72			RIGID	None	None	RIGID	Typical
56	M56	N73	N70			Corner Plate	Beam	BAR	A36 Gr.36	Typical
57	M57	N70	N76			RIGID	None	None	RIGID	Typical
58	M58A	N81	N77			RIGID	None	None	RIGID	Typical
59	M59A	N77	N79			RIGID	None	None	RIGID	Typical
60	M60	N78	N79			RIGID	None	None	RIGID	Typical
61	M61	N82	N83			RIGID	None	None	RIGID	Typical
62	MP2C	N85	N84			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
63	M63	N86	N87			RIGID	None	None	RIGID	Typical
64	MP4C	N89	N88			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
65	M65	N90	N91			RIGID	None	None	RIGID	Typical
66	MP3C	N93	N92			P2.5 Pipe	Column	Pipe	A53 Gr.B	Typical
67	M67	N94	N95			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
68	M68	N96	N105A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
69	M69	N108	N110			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
70	M70	N100	N101A			RIGID	None	None	RIGID	Typical
71	MP1B	N103	N102A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
72	M72	N109	N97			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
73	M73	N119	N120			Corner Plate	Beam	BAR	A36 Gr.36	Typical
74	M74	N99	N107			RIGID	None	None	RIGID	Typical
75	M75	N98	N106			RIGID	None	None	RIGID	Typical
76	M76A	N124	N98			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
77	M77A	N99	N126			Grating Support	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
78	M78	N126	N127			RIGID	None	None	RIGID	Typical
79	M79A	N109	N104			RIGID	None	None	RIGID	Typical
80	M80A	N104	N110			RIGID	None	None	RIGID	Typical
81	M81	N108	N112			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
82	M82	N112	N113			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
83	M83A	N113	N117			RIGID	None	None	RIGID	Typical
84	M84A	N120	N114			Corner Plate	Beam	BAR	A36 Gr.36	Typical
85	M85A	N114	N121			RIGID	None	None	RIGID	Typical
86	M86	N97	N111			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
87	M87	N111	N115			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
88	M88A	N115	N118			RIGID	None	None	RIGID	Typical
89	M89	N119	N116			Corner Plate	Beam	BAR	A36 Gr.36	Typical
90	M90	N116	N122			RIGID	None	None	RIGID	Typical
91	M91A	N127	N123			RIGID	None	None	RIGID	Typical
92	M92A	N123	N125			RIGID	None	None	RIGID	Typical
93	M93	N124	N125			RIGID	None	None	RIGID	Typical
94	M94	N128	N129			RIGID	None	None	RIGID	Typical
95	MP2B	N131A	N130			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M96	N132	N133			RIGID	None	None	RIGID	Typical
97	MP4B	N135A	N134			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M98	N136	N137			RIGID	None	None	RIGID	Typical
99	MP3B	N139	N138			P2.5 Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N142	N143			RIGID	None	None	RIGID	Typical
101	M101	N144A	N145			RIGID	None	None	RIGID	Typical
102	M102	N146	N147			RIGID	None	None	RIGID	Typical
103	M103	N148A	N149			RIGID	None	None	RIGID	Typical
104	M104	N141	N140			Support Rail	Beam	Pipe	A53 Gr.B	Typical
105	M105	N152	N153			RIGID	None	None	RIGID	Typical
106	M106	N154	N155			RIGID	None	None	RIGID	Typical
107	M107	N156	N157			RIGID	None	None	RIGID	Typical
108	M108	N158	N159			RIGID	None	None	RIGID	Typical
109	M109	N151	N150			Support Rail	Beam	Pipe	A53 Gr.B	Typical
110	M110	N162	N163			RIGID	None	None	RIGID	Typical
111	M111	N164	N165			RIGID	None	None	RIGID	Typical
112	M112	N166	N167			RIGID	None	None	RIGID	Typical
113	M113	N168	N169			RIGID	None	None	RIGID	Typical
114	M114	N161	N160			Support Rail	Beam	Pipe	A53 Gr.B	Typical
115	M115	N170	N171			RIGID	None	None	RIGID	Typical
116	M116	N172	N173			RIGID	None	None	RIGID	Typical
117	M117	N174	N175			RIGID	None	None	RIGID	Typical
118	M118	N176	N177			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N171	N181		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
122	M122	N179	N177		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
123	M123	N175	N173		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
124	M124	N182	N183			RIGID	None	None	RIGID	Typical
125	OVP1	N184	N185			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
126	M126	N186	N187			RIGID	None	None	RIGID	Typical
127	OVP2	N188	N189			Mount Pipe	Column	Pipe	A53 Gr.B	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	M4						Yes				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...
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	MP1A						Yes	** NA **			None
6	M43						Yes	Default			None
7	M46						Yes	Default			None
8	M35A						Yes	** NA **			None
9	M36A						Yes	** NA **			None
10	M51B	OOOOOX	OOOOOX				Yes	Default			None
11	M52B	OOOOOX	OOOOOX				Yes	Default			None
12	M52						Yes	** NA **			None
13	M58						Yes	** NA **			None
14	M59						Yes	** NA **			None
15	M76						Yes	** NA **			None
16	M77						Yes	** NA **			None
17	M79		BenPIN				Yes	** NA **			None
18	M80						Yes				None
19	M83		BenPIN				Yes	** NA **			None
20	M84						Yes	** NA **			None
21	M85						Yes	** NA **			None
22	M88		BenPIN				Yes	** NA **			None
23	M91						Yes				None
24	M92		BenPIN				Yes	** NA **			None
25	M50						Yes	** NA **			None
26	M51						Yes	** NA **			None
27	M51A						Yes	** NA **			None
28	M28						Yes	** NA **			None
29	MP2A						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	MP4A						Yes	** NA **			None
32	M32						Yes	** NA **			None
33	MP3A						Yes	** NA **			None
34	M34						Yes	Default			None
35	M35						Yes				None
36	M36						Yes	Default			None
37	M37						Yes	** NA **			None
38	MP1C						Yes	** NA **			None
39	M39						Yes	Default			None
40	M40						Yes	Default			None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43A	OOOOOX	OOOOOX				Yes	Default			None
44	M44	OOOOOX	OOOOOX				Yes	Default			None
45	M45						Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50A		BenPIN				Yes	** NA **			None
51	M51C						Yes				None
52	M52A		BenPIN				Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55		BenPIN				Yes	** NA **			None
56	M56						Yes				None
57	M57		BenPIN				Yes	** NA **			None
58	M58A						Yes	** NA **			None
59	M59A						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...
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	MP2C						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	MP4C						Yes	** NA **			None
65	M65						Yes	** NA **			None
66	MP3C						Yes	** NA **			None
67	M67						Yes	Default			None
68	M68						Yes				None
69	M69						Yes	Default			None
70	M70						Yes	** NA **			None
71	MP1B						Yes	** NA **			None
72	M72						Yes	Default			None
73	M73						Yes	Default			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A	OOOOOX	OOOOOX				Yes	Default			None
77	M77A	OOOOOX	OOOOOX				Yes	Default			None
78	M78						Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	M83A		BenPIN				Yes	** NA **			None
84	M84A						Yes				None
85	M85A		BenPIN				Yes	** NA **			None
86	M86						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	M88A		BenPIN				Yes	** NA **			None
89	M89						Yes				None
90	M90		BenPIN				Yes	** NA **			None
91	M91A						Yes	** NA **			None
92	M92A						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	MP2B						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	MP4B						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	MP3B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes				None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes				None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes				None
115	M115	OOOOOX					Yes	** NA **			None
116	M116	OOOOOX					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...
117	M117	OOOOOX					Yes	** NA **			None
118	M118	OOOOOX					Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121						Yes				None
122	M122						Yes				None
123	M123						Yes				None
124	M124						Yes	** NA **			None
125	OVP1						Yes	** NA **			None
126	M126						Yes	** NA **			None
127	OVP2						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-20	.25
2	MP3A	My	-.01	.25
3	MP3A	Mz	.012	.25
4	MP3A	Y	-20	6
5	MP3A	My	-.01	6
6	MP3A	Mz	.012	6
7	MP3B	Y	-20	.25
8	MP3B	My	-.005	.25
9	MP3B	Mz	-.014	.25
10	MP3B	Y	-20	6
11	MP3B	My	-.005	6
12	MP3B	Mz	-.014	6
13	MP3C	Y	-20	.25
14	MP3C	My	.015	.25
15	MP3C	Mz	.003	.25
16	MP3C	Y	-20	6
17	MP3C	My	.015	6
18	MP3C	Mz	.003	6
19	MP3A	Y	-20	.25
20	MP3A	My	-.01	.25
21	MP3A	Mz	-.012	.25
22	MP3A	Y	-20	6
23	MP3A	My	-.01	6
24	MP3A	Mz	-.012	6
25	MP3B	Y	-20	.25
26	MP3B	My	.015	.25
27	MP3B	Mz	-.003	.25
28	MP3B	Y	-20	6
29	MP3B	My	.015	6
30	MP3B	Mz	-.003	6
31	MP3C	Y	-20	.25
32	MP3C	My	-.005	.25
33	MP3C	Mz	.014	.25
34	MP3C	Y	-20	6
35	MP3C	My	-.005	6
36	MP3C	Mz	.014	6
37	MP1A	Y	-9	.25
38	MP1A	My	-.004	.25
39	MP1A	Mz	0	.25
40	MP1A	Y	-9	6
41	MP1A	My	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP1A	Mz	0	6
43	MP1B	Y	-9	.25
44	MP1B	My	.002	.25
45	MP1B	Mz	-.004	.25
46	MP1B	Y	-9	6
47	MP1B	My	.002	6
48	MP1B	Mz	-.004	6
49	MP1C	Y	-9	.25
50	MP1C	My	.002	.25
51	MP1C	Mz	.004	.25
52	MP1C	Y	-9	6
53	MP1C	My	.002	6
54	MP1C	Mz	.004	6
55	MP4A	Y	-43.55	2.13
56	MP4A	My	-.022	2.13
57	MP4A	Mz	0	2.13
58	MP4A	Y	-43.55	4.13
59	MP4A	My	-.022	4.13
60	MP4A	Mz	0	4.13
61	MP4B	Y	-43.55	2.13
62	MP4B	My	.011	2.13
63	MP4B	Mz	-.019	2.13
64	MP4B	Y	-43.55	4.13
65	MP4B	My	.011	4.13
66	MP4B	Mz	-.019	4.13
67	MP4C	Y	-43.55	2.13
68	MP4C	My	.011	2.13
69	MP4C	Mz	.019	2.13
70	MP4C	Y	-43.55	4.13
71	MP4C	My	.011	4.13
72	MP4C	Mz	.019	4.13
73	MP2A	Y	-18.7	3.13
74	MP2A	My	-.009	3.13
75	MP2A	Mz	0	3.13
76	MP2B	Y	-18.7	3.13
77	MP2B	My	.005	3.13
78	MP2B	Mz	-.008	3.13
79	MP2C	Y	-18.7	3.13
80	MP2C	My	.005	3.13
81	MP2C	Mz	.008	3.13
82	MP3A	Y	-84.4	2
83	MP3A	My	.028	2
84	MP3A	Mz	0	2
85	MP3B	Y	-84.4	2
86	MP3B	My	-.014	2
87	MP3B	Mz	.024	2
88	MP3C	Y	-84.4	2
89	MP3C	My	-.014	2
90	MP3C	Mz	-.024	2
91	MP4A	Y	-70.3	2
92	MP4A	My	.023	2
93	MP4A	Mz	0	2
94	MP4B	Y	-70.3	2
95	MP4B	My	-.012	2
96	MP4B	Mz	.02	2
97	MP4C	Y	-70.3	2
98	MP4C	My	-.012	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP4C	Mz	-.02	2
100	OVP1	Y	-32	1
101	OVP1	My	0	1
102	OVP1	Mz	0	1
103	OVP2	Y	-32	1
104	OVP2	My	0	1
105	OVP2	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-94.424	.25
2	MP3A	My	-.047	.25
3	MP3A	Mz	.055	.25
4	MP3A	Y	-94.424	6
5	MP3A	My	-.047	6
6	MP3A	Mz	.055	6
7	MP3B	Y	-94.424	.25
8	MP3B	My	-.024	.25
9	MP3B	Mz	-.068	.25
10	MP3B	Y	-94.424	6
11	MP3B	My	-.024	6
12	MP3B	Mz	-.068	6
13	MP3C	Y	-94.424	.25
14	MP3C	My	.071	.25
15	MP3C	Mz	.013	.25
16	MP3C	Y	-94.424	6
17	MP3C	My	.071	6
18	MP3C	Mz	.013	6
19	MP3A	Y	-94.424	.25
20	MP3A	My	-.047	.25
21	MP3A	Mz	-.055	.25
22	MP3A	Y	-94.424	6
23	MP3A	My	-.047	6
24	MP3A	Mz	-.055	6
25	MP3B	Y	-94.424	.25
26	MP3B	My	.071	.25
27	MP3B	Mz	-.013	.25
28	MP3B	Y	-94.424	6
29	MP3B	My	.071	6
30	MP3B	Mz	-.013	6
31	MP3C	Y	-94.424	.25
32	MP3C	My	-.024	.25
33	MP3C	Mz	.068	.25
34	MP3C	Y	-94.424	6
35	MP3C	My	-.024	6
36	MP3C	Mz	.068	6
37	MP1A	Y	-69.768	.25
38	MP1A	My	-.035	.25
39	MP1A	Mz	0	.25
40	MP1A	Y	-69.768	6
41	MP1A	My	-.035	6
42	MP1A	Mz	0	6
43	MP1B	Y	-69.768	.25
44	MP1B	My	.017	.25
45	MP1B	Mz	-.03	.25
46	MP1B	Y	-69.768	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	My	.017	6
48	MP1B	Mz	-.03	6
49	MP1C	Y	-69.768	.25
50	MP1C	My	.017	.25
51	MP1C	Mz	.03	.25
52	MP1C	Y	-69.768	6
53	MP1C	My	.017	6
54	MP1C	Mz	.03	6
55	MP4A	Y	-55.302	2.13
56	MP4A	My	-.028	2.13
57	MP4A	Mz	0	2.13
58	MP4A	Y	-55.302	4.13
59	MP4A	My	-.028	4.13
60	MP4A	Mz	0	4.13
61	MP4B	Y	-55.302	2.13
62	MP4B	My	.014	2.13
63	MP4B	Mz	-.024	2.13
64	MP4B	Y	-55.302	4.13
65	MP4B	My	.014	4.13
66	MP4B	Mz	-.024	4.13
67	MP4C	Y	-55.302	2.13
68	MP4C	My	.014	2.13
69	MP4C	Mz	.024	2.13
70	MP4C	Y	-55.302	4.13
71	MP4C	My	.014	4.13
72	MP4C	Mz	.024	4.13
73	MP2A	Y	-32.094	3.13
74	MP2A	My	-.016	3.13
75	MP2A	Mz	0	3.13
76	MP2B	Y	-32.094	3.13
77	MP2B	My	.008	3.13
78	MP2B	Mz	-.014	3.13
79	MP2C	Y	-32.094	3.13
80	MP2C	My	.008	3.13
81	MP2C	Mz	.014	3.13
82	MP3A	Y	-70.257	2
83	MP3A	My	.023	2
84	MP3A	Mz	0	2
85	MP3B	Y	-70.257	2
86	MP3B	My	-.012	2
87	MP3B	Mz	.02	2
88	MP3C	Y	-70.257	2
89	MP3C	My	-.012	2
90	MP3C	Mz	-.02	2
91	MP4A	Y	-63.42	2
92	MP4A	My	.021	2
93	MP4A	Mz	0	2
94	MP4B	Y	-63.42	2
95	MP4B	My	-.011	2
96	MP4B	Mz	.018	2
97	MP4C	Y	-63.42	2
98	MP4C	My	-.011	2
99	MP4C	Mz	-.018	2
100	OVP1	Y	-135.356	1
101	OVP1	My	0	1
102	OVP1	Mz	0	1
103	OVP2	Y	-135.356	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	-160.922	.25
3	MP3A	Mx	-.094	.25
4	MP3A	X	0	6
5	MP3A	Z	-160.922	6
6	MP3A	Mx	-.094	6
7	MP3B	X	0	.25
8	MP3B	Z	-120.045	.25
9	MP3B	Mx	.087	.25
10	MP3B	X	0	6
11	MP3B	Z	-120.045	6
12	MP3B	Mx	.087	6
13	MP3C	X	0	.25
14	MP3C	Z	-120.045	.25
15	MP3C	Mx	-.017	.25
16	MP3C	X	0	6
17	MP3C	Z	-120.045	6
18	MP3C	Mx	-.017	6
19	MP3A	X	0	.25
20	MP3A	Z	-160.922	.25
21	MP3A	Mx	.094	.25
22	MP3A	X	0	6
23	MP3A	Z	-160.922	6
24	MP3A	Mx	.094	6
25	MP3B	X	0	.25
26	MP3B	Z	-120.045	.25
27	MP3B	Mx	.017	.25
28	MP3B	X	0	6
29	MP3B	Z	-120.045	6
30	MP3B	Mx	.017	6
31	MP3C	X	0	.25
32	MP3C	Z	-120.045	.25
33	MP3C	Mx	-.087	.25
34	MP3C	X	0	6
35	MP3C	Z	-120.045	6
36	MP3C	Mx	-.087	6
37	MP1A	X	0	.25
38	MP1A	Z	-113.592	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	6
41	MP1A	Z	-113.592	6
42	MP1A	Mx	0	6
43	MP1B	X	0	.25
44	MP1B	Z	-95.855	.25
45	MP1B	Mx	.042	.25
46	MP1B	X	0	6
47	MP1B	Z	-95.855	6
48	MP1B	Mx	.042	6
49	MP1C	X	0	.25
50	MP1C	Z	-95.855	.25
51	MP1C	Mx	-.042	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP1C	X	0	6
53	MP1C	Z	-95.855	6
54	MP1C	Mx	-.042	6
55	MP4A	X	0	2.13
56	MP4A	Z	-92.688	2.13
57	MP4A	Mx	0	2.13
58	MP4A	X	0	4.13
59	MP4A	Z	-92.688	4.13
60	MP4A	Mx	0	4.13
61	MP4B	X	0	2.13
62	MP4B	Z	-50.387	2.13
63	MP4B	Mx	.022	2.13
64	MP4B	X	0	4.13
65	MP4B	Z	-50.387	4.13
66	MP4B	Mx	.022	4.13
67	MP4C	X	0	2.13
68	MP4C	Z	-50.387	2.13
69	MP4C	Mx	-.022	2.13
70	MP4C	X	0	4.13
71	MP4C	Z	-50.387	4.13
72	MP4C	Mx	-.022	4.13
73	MP2A	X	0	3.13
74	MP2A	Z	-39.442	3.13
75	MP2A	Mx	0	3.13
76	MP2B	X	0	3.13
77	MP2B	Z	-24.683	3.13
78	MP2B	Mx	.011	3.13
79	MP2C	X	0	3.13
80	MP2C	Z	-24.683	3.13
81	MP2C	Mx	-.011	3.13
82	MP3A	X	0	2
83	MP3A	Z	-73.756	2
84	MP3A	Mx	0	2
85	MP3B	X	0	2
86	MP3B	Z	-55.416	2
87	MP3B	Mx	-.016	2
88	MP3C	X	0	2
89	MP3C	Z	-55.416	2
90	MP3C	Mx	.016	2
91	MP4A	X	0	2
92	MP4A	Z	-73.756	2
93	MP4A	Mx	0	2
94	MP4B	X	0	2
95	MP4B	Z	-48.39	2
96	MP4B	Mx	-.014	2
97	MP4C	X	0	2
98	MP4C	Z	-48.39	2
99	MP4C	Mx	.014	2
100	OVP1	X	0	1
101	OVP1	Z	-122.171	1
102	OVP1	Mx	0	1
103	OVP2	X	0	1
104	OVP2	Z	-150.643	1
105	OVP2	Mx	0	1

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	73.648	.25
2	MP3A	Z	-127.563	.25
3	MP3A	Mx	-.111	.25
4	MP3A	X	73.648	6
5	MP3A	Z	-127.563	6
6	MP3A	Mx	-.111	6
7	MP3B	X	53.21	.25
8	MP3B	Z	-92.162	.25
9	MP3B	Mx	.053	.25
10	MP3B	X	53.21	6
11	MP3B	Z	-92.162	6
12	MP3B	Mx	.053	6
13	MP3C	X	73.648	.25
14	MP3C	Z	-127.563	.25
15	MP3C	Mx	.038	.25
16	MP3C	X	73.648	6
17	MP3C	Z	-127.563	6
18	MP3C	Mx	.038	6
19	MP3A	X	73.648	.25
20	MP3A	Z	-127.563	.25
21	MP3A	Mx	.038	.25
22	MP3A	X	73.648	6
23	MP3A	Z	-127.563	6
24	MP3A	Mx	.038	6
25	MP3B	X	53.21	.25
26	MP3B	Z	-92.162	.25
27	MP3B	Mx	.053	.25
28	MP3B	X	53.21	6
29	MP3B	Z	-92.162	6
30	MP3B	Mx	.053	6
31	MP3C	X	73.648	.25
32	MP3C	Z	-127.563	.25
33	MP3C	Mx	-.111	.25
34	MP3C	X	73.648	6
35	MP3C	Z	-127.563	6
36	MP3C	Mx	-.111	6
37	MP1A	X	53.84	.25
38	MP1A	Z	-93.253	.25
39	MP1A	Mx	-.027	.25
40	MP1A	X	53.84	6
41	MP1A	Z	-93.253	6
42	MP1A	Mx	-.027	6
43	MP1B	X	44.971	.25
44	MP1B	Z	-77.892	.25
45	MP1B	Mx	.045	.25
46	MP1B	X	44.971	6
47	MP1B	Z	-77.892	6
48	MP1B	Mx	.045	6
49	MP1C	X	53.84	.25
50	MP1C	Z	-93.253	.25
51	MP1C	Mx	-.027	.25
52	MP1C	X	53.84	6
53	MP1C	Z	-93.253	6
54	MP1C	Mx	-.027	6
55	MP4A	X	39.294	2.13
56	MP4A	Z	-68.059	2.13
57	MP4A	Mx	-.02	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	39.294	4.13
59	MP4A	Z	-68.059	4.13
60	MP4A	Mx	-.02	4.13
61	MP4B	X	18.144	2.13
62	MP4B	Z	-31.426	2.13
63	MP4B	Mx	.018	2.13
64	MP4B	X	18.144	4.13
65	MP4B	Z	-31.426	4.13
66	MP4B	Mx	.018	4.13
67	MP4C	X	39.294	2.13
68	MP4C	Z	-68.059	2.13
69	MP4C	Mx	-.02	2.13
70	MP4C	X	39.294	4.13
71	MP4C	Z	-68.059	4.13
72	MP4C	Mx	-.02	4.13
73	MP2A	X	17.261	3.13
74	MP2A	Z	-29.897	3.13
75	MP2A	Mx	-.009	3.13
76	MP2B	X	9.882	3.13
77	MP2B	Z	-17.116	3.13
78	MP2B	Mx	.01	3.13
79	MP2C	X	17.261	3.13
80	MP2C	Z	-29.897	3.13
81	MP2C	Mx	-.009	3.13
82	MP3A	X	33.821	2
83	MP3A	Z	-58.58	2
84	MP3A	Mx	.011	2
85	MP3B	X	24.651	2
86	MP3B	Z	-42.697	2
87	MP3B	Mx	-.016	2
88	MP3C	X	33.821	2
89	MP3C	Z	-58.58	2
90	MP3C	Mx	.011	2
91	MP4A	X	32.65	2
92	MP4A	Z	-56.552	2
93	MP4A	Mx	.011	2
94	MP4B	X	19.967	2
95	MP4B	Z	-34.585	2
96	MP4B	Mx	-.013	2
97	MP4C	X	32.65	2
98	MP4C	Z	-56.552	2
99	MP4C	Mx	.011	2
100	OVP1	X	65.831	1
101	OVP1	Z	-114.022	1
102	OVP1	Mx	0	1
103	OVP2	X	80.067	1
104	OVP2	Z	-138.68	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	103.962	.25
2	MP3A	Z	-60.022	.25
3	MP3A	Mx	-.087	.25
4	MP3A	X	103.962	6
5	MP3A	Z	-60.022	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	-.087	6
7	MP3B	X	103.962	.25
8	MP3B	Z	-60.022	.25
9	MP3B	Mx	.017	.25
10	MP3B	X	103.962	6
11	MP3B	Z	-60.022	6
12	MP3B	Mx	.017	6
13	MP3C	X	139.363	.25
14	MP3C	Z	-80.461	.25
15	MP3C	Mx	.094	.25
16	MP3C	X	139.363	6
17	MP3C	Z	-80.461	6
18	MP3C	Mx	.094	6
19	MP3A	X	103.962	.25
20	MP3A	Z	-60.022	.25
21	MP3A	Mx	-.017	.25
22	MP3A	X	103.962	6
23	MP3A	Z	-60.022	6
24	MP3A	Mx	-.017	6
25	MP3B	X	103.962	.25
26	MP3B	Z	-60.022	.25
27	MP3B	Mx	.087	.25
28	MP3B	X	103.962	6
29	MP3B	Z	-60.022	6
30	MP3B	Mx	.087	6
31	MP3C	X	139.363	.25
32	MP3C	Z	-80.461	.25
33	MP3C	Mx	-.094	.25
34	MP3C	X	139.363	6
35	MP3C	Z	-80.461	6
36	MP3C	Mx	-.094	6
37	MP1A	X	83.013	.25
38	MP1A	Z	-47.927	.25
39	MP1A	Mx	-.042	.25
40	MP1A	X	83.013	6
41	MP1A	Z	-47.927	6
42	MP1A	Mx	-.042	6
43	MP1B	X	83.013	.25
44	MP1B	Z	-47.927	.25
45	MP1B	Mx	.042	.25
46	MP1B	X	83.013	6
47	MP1B	Z	-47.927	6
48	MP1B	Mx	.042	6
49	MP1C	X	98.374	.25
50	MP1C	Z	-56.796	.25
51	MP1C	Mx	0	.25
52	MP1C	X	98.374	6
53	MP1C	Z	-56.796	6
54	MP1C	Mx	0	6
55	MP4A	X	43.637	2.13
56	MP4A	Z	-25.194	2.13
57	MP4A	Mx	-.022	2.13
58	MP4A	X	43.637	4.13
59	MP4A	Z	-25.194	4.13
60	MP4A	Mx	-.022	4.13
61	MP4B	X	43.637	2.13
62	MP4B	Z	-25.194	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4B	Mx	.022	2.13
64	MP4B	X	43.637	4.13
65	MP4B	Z	-25.194	4.13
66	MP4B	Mx	.022	4.13
67	MP4C	X	80.27	2.13
68	MP4C	Z	-46.344	2.13
69	MP4C	Mx	0	2.13
70	MP4C	X	80.27	4.13
71	MP4C	Z	-46.344	4.13
72	MP4C	Mx	0	4.13
73	MP2A	X	21.376	3.13
74	MP2A	Z	-12.342	3.13
75	MP2A	Mx	-.011	3.13
76	MP2B	X	21.376	3.13
77	MP2B	Z	-12.342	3.13
78	MP2B	Mx	.011	3.13
79	MP2C	X	34.158	3.13
80	MP2C	Z	-19.721	3.13
81	MP2C	Mx	0	3.13
82	MP3A	X	47.991	2
83	MP3A	Z	-27.708	2
84	MP3A	Mx	.016	2
85	MP3B	X	47.991	2
86	MP3B	Z	-27.708	2
87	MP3B	Mx	-.016	2
88	MP3C	X	63.875	2
89	MP3C	Z	-36.878	2
90	MP3C	Mx	0	2
91	MP4A	X	41.907	2
92	MP4A	Z	-24.195	2
93	MP4A	Mx	.014	2
94	MP4B	X	41.907	2
95	MP4B	Z	-24.195	2
96	MP4B	Mx	-.014	2
97	MP4C	X	63.875	2
98	MP4C	Z	-36.878	2
99	MP4C	Mx	0	2
100	OVP1	X	130.461	1
101	OVP1	Z	-75.321	1
102	OVP1	Mx	0	1
103	OVP2	X	130.461	1
104	OVP2	Z	-75.321	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	106.419	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	-.053	.25
4	MP3A	X	106.419	6
5	MP3A	Z	0	6
6	MP3A	Mx	-.053	6
7	MP3B	X	147.297	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	-.038	.25
10	MP3B	X	147.297	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3B	Z	0	6
12	MP3B	Mx	-.038	6
13	MP3C	X	147.297	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	.111	.25
16	MP3C	X	147.297	6
17	MP3C	Z	0	6
18	MP3C	Mx	.111	6
19	MP3A	X	106.419	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	-.053	.25
22	MP3A	X	106.419	6
23	MP3A	Z	0	6
24	MP3A	Mx	-.053	6
25	MP3B	X	147.297	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	.111	.25
28	MP3B	X	147.297	6
29	MP3B	Z	0	6
30	MP3B	Mx	.111	6
31	MP3C	X	147.297	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	-.038	.25
34	MP3C	X	147.297	6
35	MP3C	Z	0	6
36	MP3C	Mx	-.038	6
37	MP1A	X	89.942	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.045	.25
40	MP1A	X	89.942	6
41	MP1A	Z	0	6
42	MP1A	Mx	-.045	6
43	MP1B	X	107.68	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.027	.25
46	MP1B	X	107.68	6
47	MP1B	Z	0	6
48	MP1B	Mx	.027	6
49	MP1C	X	107.68	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.027	.25
52	MP1C	X	107.68	6
53	MP1C	Z	0	6
54	MP1C	Mx	.027	6
55	MP4A	X	36.287	2.13
56	MP4A	Z	0	2.13
57	MP4A	Mx	-.018	2.13
58	MP4A	X	36.287	4.13
59	MP4A	Z	0	4.13
60	MP4A	Mx	-.018	4.13
61	MP4B	X	78.588	2.13
62	MP4B	Z	0	2.13
63	MP4B	Mx	.02	2.13
64	MP4B	X	78.588	4.13
65	MP4B	Z	0	4.13
66	MP4B	Mx	.02	4.13
67	MP4C	X	78.588	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP4C	Z	0	2.13
69	MP4C	Mx	.02	2.13
70	MP4C	X	78.588	4.13
71	MP4C	Z	0	4.13
72	MP4C	Mx	.02	4.13
73	MP2A	X	19.764	3.13
74	MP2A	Z	0	3.13
75	MP2A	Mx	-.01	3.13
76	MP2B	X	34.522	3.13
77	MP2B	Z	0	3.13
78	MP2B	Mx	.009	3.13
79	MP2C	X	34.522	3.13
80	MP2C	Z	0	3.13
81	MP2C	Mx	.009	3.13
82	MP3A	X	49.302	2
83	MP3A	Z	0	2
84	MP3A	Mx	.016	2
85	MP3B	X	67.643	2
86	MP3B	Z	0	2
87	MP3B	Mx	-.011	2
88	MP3C	X	67.643	2
89	MP3C	Z	0	2
90	MP3C	Mx	-.011	2
91	MP4A	X	39.935	2
92	MP4A	Z	0	2
93	MP4A	Mx	.013	2
94	MP4B	X	65.301	2
95	MP4B	Z	0	2
96	MP4B	Mx	-.011	2
97	MP4C	X	65.301	2
98	MP4C	Z	0	2
99	MP4C	Mx	-.011	2
100	OVP1	X	160.134	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1
103	OVP2	X	131.662	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	103.962	.25
2	MP3A	Z	60.022	.25
3	MP3A	Mx	-.017	.25
4	MP3A	X	103.962	6
5	MP3A	Z	60.022	6
6	MP3A	Mx	-.017	6
7	MP3B	X	139.363	.25
8	MP3B	Z	80.461	.25
9	MP3B	Mx	-.094	.25
10	MP3B	X	139.363	6
11	MP3B	Z	80.461	6
12	MP3B	Mx	-.094	6
13	MP3C	X	103.962	.25
14	MP3C	Z	60.022	.25
15	MP3C	Mx	.087	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	103.962	6
17	MP3C	Z	60.022	6
18	MP3C	Mx	.087	6
19	MP3A	X	103.962	.25
20	MP3A	Z	60.022	.25
21	MP3A	Mx	-.087	.25
22	MP3A	X	103.962	6
23	MP3A	Z	60.022	6
24	MP3A	Mx	-.087	6
25	MP3B	X	139.363	.25
26	MP3B	Z	80.461	.25
27	MP3B	Mx	.094	.25
28	MP3B	X	139.363	6
29	MP3B	Z	80.461	6
30	MP3B	Mx	.094	6
31	MP3C	X	103.962	.25
32	MP3C	Z	60.022	.25
33	MP3C	Mx	.017	.25
34	MP3C	X	103.962	6
35	MP3C	Z	60.022	6
36	MP3C	Mx	.017	6
37	MP1A	X	83.013	.25
38	MP1A	Z	47.927	.25
39	MP1A	Mx	-.042	.25
40	MP1A	X	83.013	6
41	MP1A	Z	47.927	6
42	MP1A	Mx	-.042	6
43	MP1B	X	98.374	.25
44	MP1B	Z	56.796	.25
45	MP1B	Mx	0	.25
46	MP1B	X	98.374	6
47	MP1B	Z	56.796	6
48	MP1B	Mx	0	6
49	MP1C	X	83.013	.25
50	MP1C	Z	47.927	.25
51	MP1C	Mx	.042	.25
52	MP1C	X	83.013	6
53	MP1C	Z	47.927	6
54	MP1C	Mx	.042	6
55	MP4A	X	43.637	2.13
56	MP4A	Z	25.194	2.13
57	MP4A	Mx	-.022	2.13
58	MP4A	X	43.637	4.13
59	MP4A	Z	25.194	4.13
60	MP4A	Mx	-.022	4.13
61	MP4B	X	80.27	2.13
62	MP4B	Z	46.344	2.13
63	MP4B	Mx	0	2.13
64	MP4B	X	80.27	4.13
65	MP4B	Z	46.344	4.13
66	MP4B	Mx	0	4.13
67	MP4C	X	43.637	2.13
68	MP4C	Z	25.194	2.13
69	MP4C	Mx	.022	2.13
70	MP4C	X	43.637	4.13
71	MP4C	Z	25.194	4.13
72	MP4C	Mx	.022	4.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	21.376	3.13
74	MP2A	Z	12.342	3.13
75	MP2A	Mx	-.011	3.13
76	MP2B	X	34.158	3.13
77	MP2B	Z	19.721	3.13
78	MP2B	Mx	0	3.13
79	MP2C	X	21.376	3.13
80	MP2C	Z	12.342	3.13
81	MP2C	Mx	.011	3.13
82	MP3A	X	47.991	2
83	MP3A	Z	27.708	2
84	MP3A	Mx	.016	2
85	MP3B	X	63.875	2
86	MP3B	Z	36.878	2
87	MP3B	Mx	0	2
88	MP3C	X	47.991	2
89	MP3C	Z	27.708	2
90	MP3C	Mx	-.016	2
91	MP4A	X	41.907	2
92	MP4A	Z	24.195	2
93	MP4A	Mx	.014	2
94	MP4B	X	63.875	2
95	MP4B	Z	36.878	2
96	MP4B	Mx	0	2
97	MP4C	X	41.907	2
98	MP4C	Z	24.195	2
99	MP4C	Mx	-.014	2
100	OVP1	X	130.461	1
101	OVP1	Z	75.321	1
102	OVP1	Mx	0	1
103	OVP2	X	105.803	1
104	OVP2	Z	61.085	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	73.648	.25
2	MP3A	Z	127.563	.25
3	MP3A	Mx	.038	.25
4	MP3A	X	73.648	6
5	MP3A	Z	127.563	6
6	MP3A	Mx	.038	6
7	MP3B	X	73.648	.25
8	MP3B	Z	127.563	.25
9	MP3B	Mx	-.111	.25
10	MP3B	X	73.648	6
11	MP3B	Z	127.563	6
12	MP3B	Mx	-.111	6
13	MP3C	X	53.21	.25
14	MP3C	Z	92.162	.25
15	MP3C	Mx	.053	.25
16	MP3C	X	53.21	6
17	MP3C	Z	92.162	6
18	MP3C	Mx	.053	6
19	MP3A	X	73.648	.25
20	MP3A	Z	127.563	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	-.111	.25
22	MP3A	X	73.648	6
23	MP3A	Z	127.563	6
24	MP3A	Mx	-.111	6
25	MP3B	X	73.648	.25
26	MP3B	Z	127.563	.25
27	MP3B	Mx	.038	.25
28	MP3B	X	73.648	6
29	MP3B	Z	127.563	6
30	MP3B	Mx	.038	6
31	MP3C	X	53.21	.25
32	MP3C	Z	92.162	.25
33	MP3C	Mx	.053	.25
34	MP3C	X	53.21	6
35	MP3C	Z	92.162	6
36	MP3C	Mx	.053	6
37	MP1A	X	53.84	.25
38	MP1A	Z	93.253	.25
39	MP1A	Mx	-.027	.25
40	MP1A	X	53.84	6
41	MP1A	Z	93.253	6
42	MP1A	Mx	-.027	6
43	MP1B	X	53.84	.25
44	MP1B	Z	93.253	.25
45	MP1B	Mx	-.027	.25
46	MP1B	X	53.84	6
47	MP1B	Z	93.253	6
48	MP1B	Mx	-.027	6
49	MP1C	X	44.971	.25
50	MP1C	Z	77.892	.25
51	MP1C	Mx	.045	.25
52	MP1C	X	44.971	6
53	MP1C	Z	77.892	6
54	MP1C	Mx	.045	6
55	MP4A	X	39.294	2.13
56	MP4A	Z	68.059	2.13
57	MP4A	Mx	-.02	2.13
58	MP4A	X	39.294	4.13
59	MP4A	Z	68.059	4.13
60	MP4A	Mx	-.02	4.13
61	MP4B	X	39.294	2.13
62	MP4B	Z	68.059	2.13
63	MP4B	Mx	-.02	2.13
64	MP4B	X	39.294	4.13
65	MP4B	Z	68.059	4.13
66	MP4B	Mx	-.02	4.13
67	MP4C	X	18.144	2.13
68	MP4C	Z	31.426	2.13
69	MP4C	Mx	.018	2.13
70	MP4C	X	18.144	4.13
71	MP4C	Z	31.426	4.13
72	MP4C	Mx	.018	4.13
73	MP2A	X	17.261	3.13
74	MP2A	Z	29.897	3.13
75	MP2A	Mx	-.009	3.13
76	MP2B	X	17.261	3.13
77	MP2B	Z	29.897	3.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	-.009	3.13
79	MP2C	X	9.882	3.13
80	MP2C	Z	17.116	3.13
81	MP2C	Mx	.01	3.13
82	MP3A	X	33.821	2
83	MP3A	Z	58.58	2
84	MP3A	Mx	.011	2
85	MP3B	X	33.821	2
86	MP3B	Z	58.58	2
87	MP3B	Mx	.011	2
88	MP3C	X	24.651	2
89	MP3C	Z	42.697	2
90	MP3C	Mx	-.016	2
91	MP4A	X	32.65	2
92	MP4A	Z	56.552	2
93	MP4A	Mx	.011	2
94	MP4B	X	32.65	2
95	MP4B	Z	56.552	2
96	MP4B	Mx	.011	2
97	MP4C	X	19.967	2
98	MP4C	Z	34.585	2
99	MP4C	Mx	-.013	2
100	OVP1	X	65.831	1
101	OVP1	Z	114.022	1
102	OVP1	Mx	0	1
103	OVP2	X	65.831	1
104	OVP2	Z	114.022	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	160.922	.25
3	MP3A	Mx	.094	.25
4	MP3A	X	0	6
5	MP3A	Z	160.922	6
6	MP3A	Mx	.094	6
7	MP3B	X	0	.25
8	MP3B	Z	120.045	.25
9	MP3B	Mx	-.087	.25
10	MP3B	X	0	6
11	MP3B	Z	120.045	6
12	MP3B	Mx	-.087	6
13	MP3C	X	0	.25
14	MP3C	Z	120.045	.25
15	MP3C	Mx	.017	.25
16	MP3C	X	0	6
17	MP3C	Z	120.045	6
18	MP3C	Mx	.017	6
19	MP3A	X	0	.25
20	MP3A	Z	160.922	.25
21	MP3A	Mx	-.094	.25
22	MP3A	X	0	6
23	MP3A	Z	160.922	6
24	MP3A	Mx	-.094	6
25	MP3B	X	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3B	Z	120.045	.25
27	MP3B	Mx	-.017	.25
28	MP3B	X	0	6
29	MP3B	Z	120.045	6
30	MP3B	Mx	-.017	6
31	MP3C	X	0	.25
32	MP3C	Z	120.045	.25
33	MP3C	Mx	.087	.25
34	MP3C	X	0	6
35	MP3C	Z	120.045	6
36	MP3C	Mx	.087	6
37	MP1A	X	0	.25
38	MP1A	Z	113.592	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	6
41	MP1A	Z	113.592	6
42	MP1A	Mx	0	6
43	MP1B	X	0	.25
44	MP1B	Z	95.855	.25
45	MP1B	Mx	-.042	.25
46	MP1B	X	0	6
47	MP1B	Z	95.855	6
48	MP1B	Mx	-.042	6
49	MP1C	X	0	.25
50	MP1C	Z	95.855	.25
51	MP1C	Mx	.042	.25
52	MP1C	X	0	6
53	MP1C	Z	95.855	6
54	MP1C	Mx	.042	6
55	MP4A	X	0	2.13
56	MP4A	Z	92.688	2.13
57	MP4A	Mx	0	2.13
58	MP4A	X	0	4.13
59	MP4A	Z	92.688	4.13
60	MP4A	Mx	0	4.13
61	MP4B	X	0	2.13
62	MP4B	Z	50.387	2.13
63	MP4B	Mx	-.022	2.13
64	MP4B	X	0	4.13
65	MP4B	Z	50.387	4.13
66	MP4B	Mx	-.022	4.13
67	MP4C	X	0	2.13
68	MP4C	Z	50.387	2.13
69	MP4C	Mx	.022	2.13
70	MP4C	X	0	4.13
71	MP4C	Z	50.387	4.13
72	MP4C	Mx	.022	4.13
73	MP2A	X	0	3.13
74	MP2A	Z	39.442	3.13
75	MP2A	Mx	0	3.13
76	MP2B	X	0	3.13
77	MP2B	Z	24.683	3.13
78	MP2B	Mx	-.011	3.13
79	MP2C	X	0	3.13
80	MP2C	Z	24.683	3.13
81	MP2C	Mx	.011	3.13
82	MP3A	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP3A	Z	73.756	2
84	MP3A	Mx	0	2
85	MP3B	X	0	2
86	MP3B	Z	55.416	2
87	MP3B	Mx	.016	2
88	MP3C	X	0	2
89	MP3C	Z	55.416	2
90	MP3C	Mx	-.016	2
91	MP4A	X	0	2
92	MP4A	Z	73.756	2
93	MP4A	Mx	0	2
94	MP4B	X	0	2
95	MP4B	Z	48.39	2
96	MP4B	Mx	.014	2
97	MP4C	X	0	2
98	MP4C	Z	48.39	2
99	MP4C	Mx	-.014	2
100	OVP1	X	0	1
101	OVP1	Z	122.171	1
102	OVP1	Mx	0	1
103	OVP2	X	0	1
104	OVP2	Z	150.643	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-73.648	.25
2	MP3A	Z	127.563	.25
3	MP3A	Mx	.111	.25
4	MP3A	X	-73.648	6
5	MP3A	Z	127.563	6
6	MP3A	Mx	.111	6
7	MP3B	X	-53.21	.25
8	MP3B	Z	92.162	.25
9	MP3B	Mx	-.053	.25
10	MP3B	X	-53.21	6
11	MP3B	Z	92.162	6
12	MP3B	Mx	-.053	6
13	MP3C	X	-73.648	.25
14	MP3C	Z	127.563	.25
15	MP3C	Mx	-.038	.25
16	MP3C	X	-73.648	6
17	MP3C	Z	127.563	6
18	MP3C	Mx	-.038	6
19	MP3A	X	-73.648	.25
20	MP3A	Z	127.563	.25
21	MP3A	Mx	-.038	.25
22	MP3A	X	-73.648	6
23	MP3A	Z	127.563	6
24	MP3A	Mx	-.038	6
25	MP3B	X	-53.21	.25
26	MP3B	Z	92.162	.25
27	MP3B	Mx	-.053	.25
28	MP3B	X	-53.21	6
29	MP3B	Z	92.162	6
30	MP3B	Mx	-.053	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	-73.648	.25
32	MP3C	Z	127.563	.25
33	MP3C	Mx	.111	.25
34	MP3C	X	-73.648	6
35	MP3C	Z	127.563	6
36	MP3C	Mx	.111	6
37	MP1A	X	-53.84	.25
38	MP1A	Z	93.253	.25
39	MP1A	Mx	.027	.25
40	MP1A	X	-53.84	6
41	MP1A	Z	93.253	6
42	MP1A	Mx	.027	6
43	MP1B	X	-44.971	.25
44	MP1B	Z	77.892	.25
45	MP1B	Mx	-.045	.25
46	MP1B	X	-44.971	6
47	MP1B	Z	77.892	6
48	MP1B	Mx	-.045	6
49	MP1C	X	-53.84	.25
50	MP1C	Z	93.253	.25
51	MP1C	Mx	.027	.25
52	MP1C	X	-53.84	6
53	MP1C	Z	93.253	6
54	MP1C	Mx	.027	6
55	MP4A	X	-39.294	2.13
56	MP4A	Z	68.059	2.13
57	MP4A	Mx	.02	2.13
58	MP4A	X	-39.294	4.13
59	MP4A	Z	68.059	4.13
60	MP4A	Mx	.02	4.13
61	MP4B	X	-18.144	2.13
62	MP4B	Z	31.426	2.13
63	MP4B	Mx	-.018	2.13
64	MP4B	X	-18.144	4.13
65	MP4B	Z	31.426	4.13
66	MP4B	Mx	-.018	4.13
67	MP4C	X	-39.294	2.13
68	MP4C	Z	68.059	2.13
69	MP4C	Mx	.02	2.13
70	MP4C	X	-39.294	4.13
71	MP4C	Z	68.059	4.13
72	MP4C	Mx	.02	4.13
73	MP2A	X	-17.261	3.13
74	MP2A	Z	29.897	3.13
75	MP2A	Mx	.009	3.13
76	MP2B	X	-9.882	3.13
77	MP2B	Z	17.116	3.13
78	MP2B	Mx	-.01	3.13
79	MP2C	X	-17.261	3.13
80	MP2C	Z	29.897	3.13
81	MP2C	Mx	.009	3.13
82	MP3A	X	-33.821	2
83	MP3A	Z	58.58	2
84	MP3A	Mx	-.011	2
85	MP3B	X	-24.651	2
86	MP3B	Z	42.697	2
87	MP3B	Mx	.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3C	X	-33.821	2
89	MP3C	Z	58.58	2
90	MP3C	Mx	-.011	2
91	MP4A	X	-32.65	2
92	MP4A	Z	56.552	2
93	MP4A	Mx	-.011	2
94	MP4B	X	-19.967	2
95	MP4B	Z	34.585	2
96	MP4B	Mx	.013	2
97	MP4C	X	-32.65	2
98	MP4C	Z	56.552	2
99	MP4C	Mx	-.011	2
100	OVP1	X	-65.831	1
101	OVP1	Z	114.022	1
102	OVP1	Mx	0	1
103	OVP2	X	-80.067	1
104	OVP2	Z	138.68	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-103.962	.25
2	MP3A	Z	60.022	.25
3	MP3A	Mx	.087	.25
4	MP3A	X	-103.962	6
5	MP3A	Z	60.022	6
6	MP3A	Mx	.087	6
7	MP3B	X	-103.962	.25
8	MP3B	Z	60.022	.25
9	MP3B	Mx	-.017	.25
10	MP3B	X	-103.962	6
11	MP3B	Z	60.022	6
12	MP3B	Mx	-.017	6
13	MP3C	X	-139.363	.25
14	MP3C	Z	80.461	.25
15	MP3C	Mx	-.094	.25
16	MP3C	X	-139.363	6
17	MP3C	Z	80.461	6
18	MP3C	Mx	-.094	6
19	MP3A	X	-103.962	.25
20	MP3A	Z	60.022	.25
21	MP3A	Mx	.017	.25
22	MP3A	X	-103.962	6
23	MP3A	Z	60.022	6
24	MP3A	Mx	.017	6
25	MP3B	X	-103.962	.25
26	MP3B	Z	60.022	.25
27	MP3B	Mx	-.087	.25
28	MP3B	X	-103.962	6
29	MP3B	Z	60.022	6
30	MP3B	Mx	-.087	6
31	MP3C	X	-139.363	.25
32	MP3C	Z	80.461	.25
33	MP3C	Mx	.094	.25
34	MP3C	X	-139.363	6
35	MP3C	Z	80.461	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	.094	6
37	MP1A	X	-83.013	.25
38	MP1A	Z	47.927	.25
39	MP1A	Mx	.042	.25
40	MP1A	X	-83.013	6
41	MP1A	Z	47.927	6
42	MP1A	Mx	.042	6
43	MP1B	X	-83.013	.25
44	MP1B	Z	47.927	.25
45	MP1B	Mx	-.042	.25
46	MP1B	X	-83.013	6
47	MP1B	Z	47.927	6
48	MP1B	Mx	-.042	6
49	MP1C	X	-98.374	.25
50	MP1C	Z	56.796	.25
51	MP1C	Mx	0	.25
52	MP1C	X	-98.374	6
53	MP1C	Z	56.796	6
54	MP1C	Mx	0	6
55	MP4A	X	-43.637	2.13
56	MP4A	Z	25.194	2.13
57	MP4A	Mx	.022	2.13
58	MP4A	X	-43.637	4.13
59	MP4A	Z	25.194	4.13
60	MP4A	Mx	.022	4.13
61	MP4B	X	-43.637	2.13
62	MP4B	Z	25.194	2.13
63	MP4B	Mx	-.022	2.13
64	MP4B	X	-43.637	4.13
65	MP4B	Z	25.194	4.13
66	MP4B	Mx	-.022	4.13
67	MP4C	X	-80.27	2.13
68	MP4C	Z	46.344	2.13
69	MP4C	Mx	0	2.13
70	MP4C	X	-80.27	4.13
71	MP4C	Z	46.344	4.13
72	MP4C	Mx	0	4.13
73	MP2A	X	-21.376	3.13
74	MP2A	Z	12.342	3.13
75	MP2A	Mx	.011	3.13
76	MP2B	X	-21.376	3.13
77	MP2B	Z	12.342	3.13
78	MP2B	Mx	-.011	3.13
79	MP2C	X	-34.158	3.13
80	MP2C	Z	19.721	3.13
81	MP2C	Mx	0	3.13
82	MP3A	X	-47.991	2
83	MP3A	Z	27.708	2
84	MP3A	Mx	-.016	2
85	MP3B	X	-47.991	2
86	MP3B	Z	27.708	2
87	MP3B	Mx	.016	2
88	MP3C	X	-63.875	2
89	MP3C	Z	36.878	2
90	MP3C	Mx	0	2
91	MP4A	X	-41.907	2
92	MP4A	Z	24.195	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP4A	Mx	-.014	2
94	MP4B	X	-41.907	2
95	MP4B	Z	24.195	2
96	MP4B	Mx	.014	2
97	MP4C	X	-63.875	2
98	MP4C	Z	36.878	2
99	MP4C	Mx	0	2
100	OVP1	X	-130.461	1
101	OVP1	Z	75.321	1
102	OVP1	Mx	0	1
103	OVP2	X	-130.461	1
104	OVP2	Z	75.321	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-106.419	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	.053	.25
4	MP3A	X	-106.419	6
5	MP3A	Z	0	6
6	MP3A	Mx	.053	6
7	MP3B	X	-147.297	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	.038	.25
10	MP3B	X	-147.297	6
11	MP3B	Z	0	6
12	MP3B	Mx	.038	6
13	MP3C	X	-147.297	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	-.111	.25
16	MP3C	X	-147.297	6
17	MP3C	Z	0	6
18	MP3C	Mx	-.111	6
19	MP3A	X	-106.419	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	.053	.25
22	MP3A	X	-106.419	6
23	MP3A	Z	0	6
24	MP3A	Mx	.053	6
25	MP3B	X	-147.297	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	-.111	.25
28	MP3B	X	-147.297	6
29	MP3B	Z	0	6
30	MP3B	Mx	-.111	6
31	MP3C	X	-147.297	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	.038	.25
34	MP3C	X	-147.297	6
35	MP3C	Z	0	6
36	MP3C	Mx	.038	6
37	MP1A	X	-89.942	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.045	.25
40	MP1A	X	-89.942	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP1A	Z	0	6
42	MP1A	Mx	.045	6
43	MP1B	X	-107.68	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	-.027	.25
46	MP1B	X	-107.68	6
47	MP1B	Z	0	6
48	MP1B	Mx	-.027	6
49	MP1C	X	-107.68	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	-.027	.25
52	MP1C	X	-107.68	6
53	MP1C	Z	0	6
54	MP1C	Mx	-.027	6
55	MP4A	X	-36.287	2.13
56	MP4A	Z	0	2.13
57	MP4A	Mx	.018	2.13
58	MP4A	X	-36.287	4.13
59	MP4A	Z	0	4.13
60	MP4A	Mx	.018	4.13
61	MP4B	X	-78.588	2.13
62	MP4B	Z	0	2.13
63	MP4B	Mx	-.02	2.13
64	MP4B	X	-78.588	4.13
65	MP4B	Z	0	4.13
66	MP4B	Mx	-.02	4.13
67	MP4C	X	-78.588	2.13
68	MP4C	Z	0	2.13
69	MP4C	Mx	-.02	2.13
70	MP4C	X	-78.588	4.13
71	MP4C	Z	0	4.13
72	MP4C	Mx	-.02	4.13
73	MP2A	X	-19.764	3.13
74	MP2A	Z	0	3.13
75	MP2A	Mx	.01	3.13
76	MP2B	X	-34.522	3.13
77	MP2B	Z	0	3.13
78	MP2B	Mx	-.009	3.13
79	MP2C	X	-34.522	3.13
80	MP2C	Z	0	3.13
81	MP2C	Mx	-.009	3.13
82	MP3A	X	-49.302	2
83	MP3A	Z	0	2
84	MP3A	Mx	-.016	2
85	MP3B	X	-67.643	2
86	MP3B	Z	0	2
87	MP3B	Mx	.011	2
88	MP3C	X	-67.643	2
89	MP3C	Z	0	2
90	MP3C	Mx	.011	2
91	MP4A	X	-39.935	2
92	MP4A	Z	0	2
93	MP4A	Mx	-.013	2
94	MP4B	X	-65.301	2
95	MP4B	Z	0	2
96	MP4B	Mx	.011	2
97	MP4C	X	-65.301	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP4C	Z	0	2
99	MP4C	Mx	.011	2
100	OVP1	X	-160.134	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1
103	OVP2	X	-131.662	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-103.962	.25
2	MP3A	Z	-60.022	.25
3	MP3A	Mx	.017	.25
4	MP3A	X	-103.962	6
5	MP3A	Z	-60.022	6
6	MP3A	Mx	.017	6
7	MP3B	X	-139.363	.25
8	MP3B	Z	-80.461	.25
9	MP3B	Mx	.094	.25
10	MP3B	X	-139.363	6
11	MP3B	Z	-80.461	6
12	MP3B	Mx	.094	6
13	MP3C	X	-103.962	.25
14	MP3C	Z	-60.022	.25
15	MP3C	Mx	-.087	.25
16	MP3C	X	-103.962	6
17	MP3C	Z	-60.022	6
18	MP3C	Mx	-.087	6
19	MP3A	X	-103.962	.25
20	MP3A	Z	-60.022	.25
21	MP3A	Mx	.087	.25
22	MP3A	X	-103.962	6
23	MP3A	Z	-60.022	6
24	MP3A	Mx	.087	6
25	MP3B	X	-139.363	.25
26	MP3B	Z	-80.461	.25
27	MP3B	Mx	-.094	.25
28	MP3B	X	-139.363	6
29	MP3B	Z	-80.461	6
30	MP3B	Mx	-.094	6
31	MP3C	X	-103.962	.25
32	MP3C	Z	-60.022	.25
33	MP3C	Mx	-.017	.25
34	MP3C	X	-103.962	6
35	MP3C	Z	-60.022	6
36	MP3C	Mx	-.017	6
37	MP1A	X	-83.013	.25
38	MP1A	Z	-47.927	.25
39	MP1A	Mx	.042	.25
40	MP1A	X	-83.013	6
41	MP1A	Z	-47.927	6
42	MP1A	Mx	.042	6
43	MP1B	X	-98.374	.25
44	MP1B	Z	-56.796	.25
45	MP1B	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	-98.374	6
47	MP1B	Z	-56.796	6
48	MP1B	Mx	0	6
49	MP1C	X	-83.013	.25
50	MP1C	Z	-47.927	.25
51	MP1C	Mx	-.042	.25
52	MP1C	X	-83.013	6
53	MP1C	Z	-47.927	6
54	MP1C	Mx	-.042	6
55	MP4A	X	-43.637	2.13
56	MP4A	Z	-25.194	2.13
57	MP4A	Mx	.022	2.13
58	MP4A	X	-43.637	4.13
59	MP4A	Z	-25.194	4.13
60	MP4A	Mx	.022	4.13
61	MP4B	X	-80.27	2.13
62	MP4B	Z	-46.344	2.13
63	MP4B	Mx	0	2.13
64	MP4B	X	-80.27	4.13
65	MP4B	Z	-46.344	4.13
66	MP4B	Mx	0	4.13
67	MP4C	X	-43.637	2.13
68	MP4C	Z	-25.194	2.13
69	MP4C	Mx	-.022	2.13
70	MP4C	X	-43.637	4.13
71	MP4C	Z	-25.194	4.13
72	MP4C	Mx	-.022	4.13
73	MP2A	X	-21.376	3.13
74	MP2A	Z	-12.342	3.13
75	MP2A	Mx	.011	3.13
76	MP2B	X	-34.158	3.13
77	MP2B	Z	-19.721	3.13
78	MP2B	Mx	0	3.13
79	MP2C	X	-21.376	3.13
80	MP2C	Z	-12.342	3.13
81	MP2C	Mx	-.011	3.13
82	MP3A	X	-47.991	2
83	MP3A	Z	-27.708	2
84	MP3A	Mx	-.016	2
85	MP3B	X	-63.875	2
86	MP3B	Z	-36.878	2
87	MP3B	Mx	0	2
88	MP3C	X	-47.991	2
89	MP3C	Z	-27.708	2
90	MP3C	Mx	.016	2
91	MP4A	X	-41.907	2
92	MP4A	Z	-24.195	2
93	MP4A	Mx	-.014	2
94	MP4B	X	-63.875	2
95	MP4B	Z	-36.878	2
96	MP4B	Mx	0	2
97	MP4C	X	-41.907	2
98	MP4C	Z	-24.195	2
99	MP4C	Mx	.014	2
100	OVP1	X	-130.461	1
101	OVP1	Z	-75.321	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	OVP2	X	-105.803	1
104	OVP2	Z	-61.085	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-73.648	.25
2	MP3A	Z	-127.563	.25
3	MP3A	Mx	-.038	.25
4	MP3A	X	-73.648	6
5	MP3A	Z	-127.563	6
6	MP3A	Mx	-.038	6
7	MP3B	X	-73.648	.25
8	MP3B	Z	-127.563	.25
9	MP3B	Mx	.111	.25
10	MP3B	X	-73.648	6
11	MP3B	Z	-127.563	6
12	MP3B	Mx	.111	6
13	MP3C	X	-53.21	.25
14	MP3C	Z	-92.162	.25
15	MP3C	Mx	-.053	.25
16	MP3C	X	-53.21	6
17	MP3C	Z	-92.162	6
18	MP3C	Mx	-.053	6
19	MP3A	X	-73.648	.25
20	MP3A	Z	-127.563	.25
21	MP3A	Mx	.111	.25
22	MP3A	X	-73.648	6
23	MP3A	Z	-127.563	6
24	MP3A	Mx	.111	6
25	MP3B	X	-73.648	.25
26	MP3B	Z	-127.563	.25
27	MP3B	Mx	-.038	.25
28	MP3B	X	-73.648	6
29	MP3B	Z	-127.563	6
30	MP3B	Mx	-.038	6
31	MP3C	X	-53.21	.25
32	MP3C	Z	-92.162	.25
33	MP3C	Mx	-.053	.25
34	MP3C	X	-53.21	6
35	MP3C	Z	-92.162	6
36	MP3C	Mx	-.053	6
37	MP1A	X	-53.84	.25
38	MP1A	Z	-93.253	.25
39	MP1A	Mx	.027	.25
40	MP1A	X	-53.84	6
41	MP1A	Z	-93.253	6
42	MP1A	Mx	.027	6
43	MP1B	X	-53.84	.25
44	MP1B	Z	-93.253	.25
45	MP1B	Mx	.027	.25
46	MP1B	X	-53.84	6
47	MP1B	Z	-93.253	6
48	MP1B	Mx	.027	6
49	MP1C	X	-44.971	.25
50	MP1C	Z	-77.892	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP1C	Mx	-.045	.25
52	MP1C	X	-44.971	6
53	MP1C	Z	-77.892	6
54	MP1C	Mx	-.045	6
55	MP4A	X	-39.294	2.13
56	MP4A	Z	-68.059	2.13
57	MP4A	Mx	.02	2.13
58	MP4A	X	-39.294	4.13
59	MP4A	Z	-68.059	4.13
60	MP4A	Mx	.02	4.13
61	MP4B	X	-39.294	2.13
62	MP4B	Z	-68.059	2.13
63	MP4B	Mx	.02	2.13
64	MP4B	X	-39.294	4.13
65	MP4B	Z	-68.059	4.13
66	MP4B	Mx	.02	4.13
67	MP4C	X	-18.144	2.13
68	MP4C	Z	-31.426	2.13
69	MP4C	Mx	-.018	2.13
70	MP4C	X	-18.144	4.13
71	MP4C	Z	-31.426	4.13
72	MP4C	Mx	-.018	4.13
73	MP2A	X	-17.261	3.13
74	MP2A	Z	-29.897	3.13
75	MP2A	Mx	.009	3.13
76	MP2B	X	-17.261	3.13
77	MP2B	Z	-29.897	3.13
78	MP2B	Mx	.009	3.13
79	MP2C	X	-9.882	3.13
80	MP2C	Z	-17.116	3.13
81	MP2C	Mx	-.01	3.13
82	MP3A	X	-33.821	2
83	MP3A	Z	-58.58	2
84	MP3A	Mx	-.011	2
85	MP3B	X	-33.821	2
86	MP3B	Z	-58.58	2
87	MP3B	Mx	-.011	2
88	MP3C	X	-24.651	2
89	MP3C	Z	-42.697	2
90	MP3C	Mx	.016	2
91	MP4A	X	-32.65	2
92	MP4A	Z	-56.552	2
93	MP4A	Mx	-.011	2
94	MP4B	X	-32.65	2
95	MP4B	Z	-56.552	2
96	MP4B	Mx	-.011	2
97	MP4C	X	-19.967	2
98	MP4C	Z	-34.585	2
99	MP4C	Mx	.013	2
100	OVP1	X	-65.831	1
101	OVP1	Z	-114.022	1
102	OVP1	Mx	0	1
103	OVP2	X	-65.831	1
104	OVP2	Z	-114.022	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	-33.367	.25
3	MP3A	Mx	-.019	.25
4	MP3A	X	0	6
5	MP3A	Z	-33.367	6
6	MP3A	Mx	-.019	6
7	MP3B	X	0	.25
8	MP3B	Z	-25.92	.25
9	MP3B	Mx	.019	.25
10	MP3B	X	0	6
11	MP3B	Z	-25.92	6
12	MP3B	Mx	.019	6
13	MP3C	X	0	.25
14	MP3C	Z	-25.92	.25
15	MP3C	Mx	-.004	.25
16	MP3C	X	0	6
17	MP3C	Z	-25.92	6
18	MP3C	Mx	-.004	6
19	MP3A	X	0	.25
20	MP3A	Z	-33.367	.25
21	MP3A	Mx	.019	.25
22	MP3A	X	0	6
23	MP3A	Z	-33.367	6
24	MP3A	Mx	.019	6
25	MP3B	X	0	.25
26	MP3B	Z	-25.92	.25
27	MP3B	Mx	.004	.25
28	MP3B	X	0	6
29	MP3B	Z	-25.92	6
30	MP3B	Mx	.004	6
31	MP3C	X	0	.25
32	MP3C	Z	-25.92	.25
33	MP3C	Mx	-.019	.25
34	MP3C	X	0	6
35	MP3C	Z	-25.92	6
36	MP3C	Mx	-.019	6
37	MP1A	X	0	.25
38	MP1A	Z	-24.696	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	6
41	MP1A	Z	-24.696	6
42	MP1A	Mx	0	6
43	MP1B	X	0	.25
44	MP1B	Z	-21.386	.25
45	MP1B	Mx	.009	.25
46	MP1B	X	0	6
47	MP1B	Z	-21.386	6
48	MP1B	Mx	.009	6
49	MP1C	X	0	.25
50	MP1C	Z	-21.386	.25
51	MP1C	Mx	-.009	.25
52	MP1C	X	0	6
53	MP1C	Z	-21.386	6
54	MP1C	Mx	-.009	6
55	MP4A	X	0	2.13
56	MP4A	Z	-19.869	2.13
57	MP4A	Mx	0	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	0	4.13
59	MP4A	Z	-19.869	4.13
60	MP4A	Mx	0	4.13
61	MP4B	X	0	2.13
62	MP4B	Z	-11.571	2.13
63	MP4B	Mx	.005	2.13
64	MP4B	X	0	4.13
65	MP4B	Z	-11.571	4.13
66	MP4B	Mx	.005	4.13
67	MP4C	X	0	2.13
68	MP4C	Z	-11.571	2.13
69	MP4C	Mx	-.005	2.13
70	MP4C	X	0	4.13
71	MP4C	Z	-11.571	4.13
72	MP4C	Mx	-.005	4.13
73	MP2A	X	0	3.13
74	MP2A	Z	-10.085	3.13
75	MP2A	Mx	0	3.13
76	MP2B	X	0	3.13
77	MP2B	Z	-6.992	3.13
78	MP2B	Mx	.003	3.13
79	MP2C	X	0	3.13
80	MP2C	Z	-6.992	3.13
81	MP2C	Mx	-.003	3.13
82	MP3A	X	0	2
83	MP3A	Z	-17.186	2
84	MP3A	Mx	0	2
85	MP3B	X	0	2
86	MP3B	Z	-13.428	2
87	MP3B	Mx	-.004	2
88	MP3C	X	0	2
89	MP3C	Z	-13.428	2
90	MP3C	Mx	.004	2
91	MP4A	X	0	2
92	MP4A	Z	-17.186	2
93	MP4A	Mx	0	2
94	MP4B	X	0	2
95	MP4B	Z	-11.999	2
96	MP4B	Mx	-.003	2
97	MP4C	X	0	2
98	MP4C	Z	-11.999	2
99	MP4C	Mx	.003	2
100	OVP1	X	0	1
101	OVP1	Z	-27.259	1
102	OVP1	Mx	0	1
103	OVP2	X	0	1
104	OVP2	Z	-32.693	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	15.442	.25
2	MP3A	Z	-26.747	.25
3	MP3A	Mx	-.023	.25
4	MP3A	X	15.442	6
5	MP3A	Z	-26.747	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	-.023	6
7	MP3B	X	11.719	.25
8	MP3B	Z	-20.298	.25
9	MP3B	Mx	.012	.25
10	MP3B	X	11.719	6
11	MP3B	Z	-20.298	6
12	MP3B	Mx	.012	6
13	MP3C	X	15.442	.25
14	MP3C	Z	-26.747	.25
15	MP3C	Mx	.008	.25
16	MP3C	X	15.442	6
17	MP3C	Z	-26.747	6
18	MP3C	Mx	.008	6
19	MP3A	X	15.442	.25
20	MP3A	Z	-26.747	.25
21	MP3A	Mx	.008	.25
22	MP3A	X	15.442	6
23	MP3A	Z	-26.747	6
24	MP3A	Mx	.008	6
25	MP3B	X	11.719	.25
26	MP3B	Z	-20.298	.25
27	MP3B	Mx	.012	.25
28	MP3B	X	11.719	6
29	MP3B	Z	-20.298	6
30	MP3B	Mx	.012	6
31	MP3C	X	15.442	.25
32	MP3C	Z	-26.747	.25
33	MP3C	Mx	-.023	.25
34	MP3C	X	15.442	6
35	MP3C	Z	-26.747	6
36	MP3C	Mx	-.023	6
37	MP1A	X	11.796	.25
38	MP1A	Z	-20.432	.25
39	MP1A	Mx	-.006	.25
40	MP1A	X	11.796	6
41	MP1A	Z	-20.432	6
42	MP1A	Mx	-.006	6
43	MP1B	X	10.141	.25
44	MP1B	Z	-17.565	.25
45	MP1B	Mx	.01	.25
46	MP1B	X	10.141	6
47	MP1B	Z	-17.565	6
48	MP1B	Mx	.01	6
49	MP1C	X	11.796	.25
50	MP1C	Z	-20.432	.25
51	MP1C	Mx	-.006	.25
52	MP1C	X	11.796	6
53	MP1C	Z	-20.432	6
54	MP1C	Mx	-.006	6
55	MP4A	X	8.551	2.13
56	MP4A	Z	-14.811	2.13
57	MP4A	Mx	-.004	2.13
58	MP4A	X	8.551	4.13
59	MP4A	Z	-14.811	4.13
60	MP4A	Mx	-.004	4.13
61	MP4B	X	4.402	2.13
62	MP4B	Z	-7.625	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4B	Mx	.004	2.13
64	MP4B	X	4.402	4.13
65	MP4B	Z	-7.625	4.13
66	MP4B	Mx	.004	4.13
67	MP4C	X	8.551	2.13
68	MP4C	Z	-14.811	2.13
69	MP4C	Mx	-.004	2.13
70	MP4C	X	8.551	4.13
71	MP4C	Z	-14.811	4.13
72	MP4C	Mx	-.004	4.13
73	MP2A	X	4.527	3.13
74	MP2A	Z	-7.841	3.13
75	MP2A	Mx	-.002	3.13
76	MP2B	X	2.98	3.13
77	MP2B	Z	-5.162	3.13
78	MP2B	Mx	.003	3.13
79	MP2C	X	4.527	3.13
80	MP2C	Z	-7.841	3.13
81	MP2C	Mx	-.002	3.13
82	MP3A	X	7.967	2
83	MP3A	Z	-13.799	2
84	MP3A	Mx	.003	2
85	MP3B	X	6.087	2
86	MP3B	Z	-10.544	2
87	MP3B	Mx	-.004	2
88	MP3C	X	7.967	2
89	MP3C	Z	-13.799	2
90	MP3C	Mx	.003	2
91	MP4A	X	7.729	2
92	MP4A	Z	-13.386	2
93	MP4A	Mx	.003	2
94	MP4B	X	5.135	2
95	MP4B	Z	-8.895	2
96	MP4B	Mx	-.003	2
97	MP4C	X	7.729	2
98	MP4C	Z	-13.386	2
99	MP4C	Mx	.003	2
100	OVP1	X	14.535	1
101	OVP1	Z	-25.176	1
102	OVP1	Mx	0	1
103	OVP2	X	17.252	1
104	OVP2	Z	-29.882	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	22.448	.25
2	MP3A	Z	-12.96	.25
3	MP3A	Mx	-.019	.25
4	MP3A	X	22.448	6
5	MP3A	Z	-12.96	6
6	MP3A	Mx	-.019	6
7	MP3B	X	22.448	.25
8	MP3B	Z	-12.96	.25
9	MP3B	Mx	.004	.25
10	MP3B	X	22.448	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3B	Z	-12.96	6
12	MP3B	Mx	.004	6
13	MP3C	X	28.897	.25
14	MP3C	Z	-16.684	.25
15	MP3C	Mx	.019	.25
16	MP3C	X	28.897	6
17	MP3C	Z	-16.684	6
18	MP3C	Mx	.019	6
19	MP3A	X	22.448	.25
20	MP3A	Z	-12.96	.25
21	MP3A	Mx	-.004	.25
22	MP3A	X	22.448	6
23	MP3A	Z	-12.96	6
24	MP3A	Mx	-.004	6
25	MP3B	X	22.448	.25
26	MP3B	Z	-12.96	.25
27	MP3B	Mx	.019	.25
28	MP3B	X	22.448	6
29	MP3B	Z	-12.96	6
30	MP3B	Mx	.019	6
31	MP3C	X	28.897	.25
32	MP3C	Z	-16.684	.25
33	MP3C	Mx	-.019	.25
34	MP3C	X	28.897	6
35	MP3C	Z	-16.684	6
36	MP3C	Mx	-.019	6
37	MP1A	X	18.521	.25
38	MP1A	Z	-10.693	.25
39	MP1A	Mx	-.009	.25
40	MP1A	X	18.521	6
41	MP1A	Z	-10.693	6
42	MP1A	Mx	-.009	6
43	MP1B	X	18.521	.25
44	MP1B	Z	-10.693	.25
45	MP1B	Mx	.009	.25
46	MP1B	X	18.521	6
47	MP1B	Z	-10.693	6
48	MP1B	Mx	.009	6
49	MP1C	X	21.388	.25
50	MP1C	Z	-12.348	.25
51	MP1C	Mx	0	.25
52	MP1C	X	21.388	6
53	MP1C	Z	-12.348	6
54	MP1C	Mx	0	6
55	MP4A	X	10.021	2.13
56	MP4A	Z	-5.785	2.13
57	MP4A	Mx	-.005	2.13
58	MP4A	X	10.021	4.13
59	MP4A	Z	-5.785	4.13
60	MP4A	Mx	-.005	4.13
61	MP4B	X	10.021	2.13
62	MP4B	Z	-5.785	2.13
63	MP4B	Mx	.005	2.13
64	MP4B	X	10.021	4.13
65	MP4B	Z	-5.785	4.13
66	MP4B	Mx	.005	4.13
67	MP4C	X	17.207	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP4C	Z	-9.934	2.13
69	MP4C	Mx	0	2.13
70	MP4C	X	17.207	4.13
71	MP4C	Z	-9.934	4.13
72	MP4C	Mx	0	4.13
73	MP2A	X	6.055	3.13
74	MP2A	Z	-3.496	3.13
75	MP2A	Mx	-.003	3.13
76	MP2B	X	6.055	3.13
77	MP2B	Z	-3.496	3.13
78	MP2B	Mx	.003	3.13
79	MP2C	X	8.734	3.13
80	MP2C	Z	-5.042	3.13
81	MP2C	Mx	0	3.13
82	MP3A	X	11.629	2
83	MP3A	Z	-6.714	2
84	MP3A	Mx	.004	2
85	MP3B	X	11.629	2
86	MP3B	Z	-6.714	2
87	MP3B	Mx	-.004	2
88	MP3C	X	14.883	2
89	MP3C	Z	-8.593	2
90	MP3C	Mx	0	2
91	MP4A	X	10.392	2
92	MP4A	Z	-6	2
93	MP4A	Mx	.003	2
94	MP4B	X	10.392	2
95	MP4B	Z	-6	2
96	MP4B	Mx	-.003	2
97	MP4C	X	14.883	2
98	MP4C	Z	-8.593	2
99	MP4C	Mx	0	2
100	OVP1	X	28.313	1
101	OVP1	Z	-16.347	1
102	OVP1	Mx	0	1
103	OVP2	X	28.313	1
104	OVP2	Z	-16.347	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	23.438	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	-.012	.25
4	MP3A	X	23.438	6
5	MP3A	Z	0	6
6	MP3A	Mx	-.012	6
7	MP3B	X	30.885	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	-.008	.25
10	MP3B	X	30.885	6
11	MP3B	Z	0	6
12	MP3B	Mx	-.008	6
13	MP3C	X	30.885	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	.023	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	30.885	6
17	MP3C	Z	0	6
18	MP3C	Mx	.023	6
19	MP3A	X	23.438	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	-.012	.25
22	MP3A	X	23.438	6
23	MP3A	Z	0	6
24	MP3A	Mx	-.012	6
25	MP3B	X	30.885	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	.023	.25
28	MP3B	X	30.885	6
29	MP3B	Z	0	6
30	MP3B	Mx	.023	6
31	MP3C	X	30.885	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	-.008	.25
34	MP3C	X	30.885	6
35	MP3C	Z	0	6
36	MP3C	Mx	-.008	6
37	MP1A	X	20.282	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.01	.25
40	MP1A	X	20.282	6
41	MP1A	Z	0	6
42	MP1A	Mx	-.01	6
43	MP1B	X	23.593	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.006	.25
46	MP1B	X	23.593	6
47	MP1B	Z	0	6
48	MP1B	Mx	.006	6
49	MP1C	X	23.593	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.006	.25
52	MP1C	X	23.593	6
53	MP1C	Z	0	6
54	MP1C	Mx	.006	6
55	MP4A	X	8.805	2.13
56	MP4A	Z	0	2.13
57	MP4A	Mx	-.004	2.13
58	MP4A	X	8.805	4.13
59	MP4A	Z	0	4.13
60	MP4A	Mx	-.004	4.13
61	MP4B	X	17.103	2.13
62	MP4B	Z	0	2.13
63	MP4B	Mx	.004	2.13
64	MP4B	X	17.103	4.13
65	MP4B	Z	0	4.13
66	MP4B	Mx	.004	4.13
67	MP4C	X	17.103	2.13
68	MP4C	Z	0	2.13
69	MP4C	Mx	.004	2.13
70	MP4C	X	17.103	4.13
71	MP4C	Z	0	4.13
72	MP4C	Mx	.004	4.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	5.961	3.13
74	MP2A	Z	0	3.13
75	MP2A	Mx	-.003	3.13
76	MP2B	X	9.054	3.13
77	MP2B	Z	0	3.13
78	MP2B	Mx	.002	3.13
79	MP2C	X	9.054	3.13
80	MP2C	Z	0	3.13
81	MP2C	Mx	.002	3.13
82	MP3A	X	12.175	2
83	MP3A	Z	0	2
84	MP3A	Mx	.004	2
85	MP3B	X	15.933	2
86	MP3B	Z	0	2
87	MP3B	Mx	-.003	2
88	MP3C	X	15.933	2
89	MP3C	Z	0	2
90	MP3C	Mx	-.003	2
91	MP4A	X	10.271	2
92	MP4A	Z	0	2
93	MP4A	Mx	.003	2
94	MP4B	X	15.457	2
95	MP4B	Z	0	2
96	MP4B	Mx	-.003	2
97	MP4C	X	15.457	2
98	MP4C	Z	0	2
99	MP4C	Mx	-.003	2
100	OVP1	X	34.505	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1
103	OVP2	X	29.07	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	22.448	.25
2	MP3A	Z	12.96	.25
3	MP3A	Mx	-.004	.25
4	MP3A	X	22.448	6
5	MP3A	Z	12.96	6
6	MP3A	Mx	-.004	6
7	MP3B	X	28.897	.25
8	MP3B	Z	16.684	.25
9	MP3B	Mx	-.019	.25
10	MP3B	X	28.897	6
11	MP3B	Z	16.684	6
12	MP3B	Mx	-.019	6
13	MP3C	X	22.448	.25
14	MP3C	Z	12.96	.25
15	MP3C	Mx	.019	.25
16	MP3C	X	22.448	6
17	MP3C	Z	12.96	6
18	MP3C	Mx	.019	6
19	MP3A	X	22.448	.25
20	MP3A	Z	12.96	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	-.019	.25
22	MP3A	X	22.448	6
23	MP3A	Z	12.96	6
24	MP3A	Mx	-.019	6
25	MP3B	X	28.897	.25
26	MP3B	Z	16.684	.25
27	MP3B	Mx	.019	.25
28	MP3B	X	28.897	6
29	MP3B	Z	16.684	6
30	MP3B	Mx	.019	6
31	MP3C	X	22.448	.25
32	MP3C	Z	12.96	.25
33	MP3C	Mx	.004	.25
34	MP3C	X	22.448	6
35	MP3C	Z	12.96	6
36	MP3C	Mx	.004	6
37	MP1A	X	18.521	.25
38	MP1A	Z	10.693	.25
39	MP1A	Mx	-.009	.25
40	MP1A	X	18.521	6
41	MP1A	Z	10.693	6
42	MP1A	Mx	-.009	6
43	MP1B	X	21.388	.25
44	MP1B	Z	12.348	.25
45	MP1B	Mx	0	.25
46	MP1B	X	21.388	6
47	MP1B	Z	12.348	6
48	MP1B	Mx	0	6
49	MP1C	X	18.521	.25
50	MP1C	Z	10.693	.25
51	MP1C	Mx	.009	.25
52	MP1C	X	18.521	6
53	MP1C	Z	10.693	6
54	MP1C	Mx	.009	6
55	MP4A	X	10.021	2.13
56	MP4A	Z	5.785	2.13
57	MP4A	Mx	-.005	2.13
58	MP4A	X	10.021	4.13
59	MP4A	Z	5.785	4.13
60	MP4A	Mx	-.005	4.13
61	MP4B	X	17.207	2.13
62	MP4B	Z	9.934	2.13
63	MP4B	Mx	0	2.13
64	MP4B	X	17.207	4.13
65	MP4B	Z	9.934	4.13
66	MP4B	Mx	0	4.13
67	MP4C	X	10.021	2.13
68	MP4C	Z	5.785	2.13
69	MP4C	Mx	.005	2.13
70	MP4C	X	10.021	4.13
71	MP4C	Z	5.785	4.13
72	MP4C	Mx	.005	4.13
73	MP2A	X	6.055	3.13
74	MP2A	Z	3.496	3.13
75	MP2A	Mx	-.003	3.13
76	MP2B	X	8.734	3.13
77	MP2B	Z	5.042	3.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	0	3.13
79	MP2C	X	6.055	3.13
80	MP2C	Z	3.496	3.13
81	MP2C	Mx	.003	3.13
82	MP3A	X	11.629	2
83	MP3A	Z	6.714	2
84	MP3A	Mx	.004	2
85	MP3B	X	14.883	2
86	MP3B	Z	8.593	2
87	MP3B	Mx	0	2
88	MP3C	X	11.629	2
89	MP3C	Z	6.714	2
90	MP3C	Mx	-.004	2
91	MP4A	X	10.392	2
92	MP4A	Z	6	2
93	MP4A	Mx	.003	2
94	MP4B	X	14.883	2
95	MP4B	Z	8.593	2
96	MP4B	Mx	0	2
97	MP4C	X	10.392	2
98	MP4C	Z	6	2
99	MP4C	Mx	-.003	2
100	OVP1	X	28.313	1
101	OVP1	Z	16.347	1
102	OVP1	Mx	0	1
103	OVP2	X	23.607	1
104	OVP2	Z	13.629	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	15.442	.25
2	MP3A	Z	26.747	.25
3	MP3A	Mx	.008	.25
4	MP3A	X	15.442	6
5	MP3A	Z	26.747	6
6	MP3A	Mx	.008	6
7	MP3B	X	15.442	.25
8	MP3B	Z	26.747	.25
9	MP3B	Mx	-.023	.25
10	MP3B	X	15.442	6
11	MP3B	Z	26.747	6
12	MP3B	Mx	-.023	6
13	MP3C	X	11.719	.25
14	MP3C	Z	20.298	.25
15	MP3C	Mx	.012	.25
16	MP3C	X	11.719	6
17	MP3C	Z	20.298	6
18	MP3C	Mx	.012	6
19	MP3A	X	15.442	.25
20	MP3A	Z	26.747	.25
21	MP3A	Mx	-.023	.25
22	MP3A	X	15.442	6
23	MP3A	Z	26.747	6
24	MP3A	Mx	-.023	6
25	MP3B	X	15.442	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3B	Z	26.747	.25
27	MP3B	Mx	.008	.25
28	MP3B	X	15.442	6
29	MP3B	Z	26.747	6
30	MP3B	Mx	.008	6
31	MP3C	X	11.719	.25
32	MP3C	Z	20.298	.25
33	MP3C	Mx	.012	.25
34	MP3C	X	11.719	6
35	MP3C	Z	20.298	6
36	MP3C	Mx	.012	6
37	MP1A	X	11.796	.25
38	MP1A	Z	20.432	.25
39	MP1A	Mx	-.006	.25
40	MP1A	X	11.796	6
41	MP1A	Z	20.432	6
42	MP1A	Mx	-.006	6
43	MP1B	X	11.796	.25
44	MP1B	Z	20.432	.25
45	MP1B	Mx	-.006	.25
46	MP1B	X	11.796	6
47	MP1B	Z	20.432	6
48	MP1B	Mx	-.006	6
49	MP1C	X	10.141	.25
50	MP1C	Z	17.565	.25
51	MP1C	Mx	.01	.25
52	MP1C	X	10.141	6
53	MP1C	Z	17.565	6
54	MP1C	Mx	.01	6
55	MP4A	X	8.551	2.13
56	MP4A	Z	14.811	2.13
57	MP4A	Mx	-.004	2.13
58	MP4A	X	8.551	4.13
59	MP4A	Z	14.811	4.13
60	MP4A	Mx	-.004	4.13
61	MP4B	X	8.551	2.13
62	MP4B	Z	14.811	2.13
63	MP4B	Mx	-.004	2.13
64	MP4B	X	8.551	4.13
65	MP4B	Z	14.811	4.13
66	MP4B	Mx	-.004	4.13
67	MP4C	X	4.402	2.13
68	MP4C	Z	7.625	2.13
69	MP4C	Mx	.004	2.13
70	MP4C	X	4.402	4.13
71	MP4C	Z	7.625	4.13
72	MP4C	Mx	.004	4.13
73	MP2A	X	4.527	3.13
74	MP2A	Z	7.841	3.13
75	MP2A	Mx	-.002	3.13
76	MP2B	X	4.527	3.13
77	MP2B	Z	7.841	3.13
78	MP2B	Mx	-.002	3.13
79	MP2C	X	2.98	3.13
80	MP2C	Z	5.162	3.13
81	MP2C	Mx	.003	3.13
82	MP3A	X	7.967	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP3A	Z	13.799	2
84	MP3A	Mx	.003	2
85	MP3B	X	7.967	2
86	MP3B	Z	13.799	2
87	MP3B	Mx	.003	2
88	MP3C	X	6.087	2
89	MP3C	Z	10.544	2
90	MP3C	Mx	-.004	2
91	MP4A	X	7.729	2
92	MP4A	Z	13.386	2
93	MP4A	Mx	.003	2
94	MP4B	X	7.729	2
95	MP4B	Z	13.386	2
96	MP4B	Mx	.003	2
97	MP4C	X	5.135	2
98	MP4C	Z	8.895	2
99	MP4C	Mx	-.003	2
100	OVP1	X	14.535	1
101	OVP1	Z	25.176	1
102	OVP1	Mx	0	1
103	OVP2	X	14.535	1
104	OVP2	Z	25.176	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	33.367	.25
3	MP3A	Mx	.019	.25
4	MP3A	X	0	6
5	MP3A	Z	33.367	6
6	MP3A	Mx	.019	6
7	MP3B	X	0	.25
8	MP3B	Z	25.92	.25
9	MP3B	Mx	-.019	.25
10	MP3B	X	0	6
11	MP3B	Z	25.92	6
12	MP3B	Mx	-.019	6
13	MP3C	X	0	.25
14	MP3C	Z	25.92	.25
15	MP3C	Mx	.004	.25
16	MP3C	X	0	6
17	MP3C	Z	25.92	6
18	MP3C	Mx	.004	6
19	MP3A	X	0	.25
20	MP3A	Z	33.367	.25
21	MP3A	Mx	-.019	.25
22	MP3A	X	0	6
23	MP3A	Z	33.367	6
24	MP3A	Mx	-.019	6
25	MP3B	X	0	.25
26	MP3B	Z	25.92	.25
27	MP3B	Mx	-.004	.25
28	MP3B	X	0	6
29	MP3B	Z	25.92	6
30	MP3B	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	0	.25
32	MP3C	Z	25.92	.25
33	MP3C	Mx	.019	.25
34	MP3C	X	0	6
35	MP3C	Z	25.92	6
36	MP3C	Mx	.019	6
37	MP1A	X	0	.25
38	MP1A	Z	24.696	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	6
41	MP1A	Z	24.696	6
42	MP1A	Mx	0	6
43	MP1B	X	0	.25
44	MP1B	Z	21.386	.25
45	MP1B	Mx	-.009	.25
46	MP1B	X	0	6
47	MP1B	Z	21.386	6
48	MP1B	Mx	-.009	6
49	MP1C	X	0	.25
50	MP1C	Z	21.386	.25
51	MP1C	Mx	.009	.25
52	MP1C	X	0	6
53	MP1C	Z	21.386	6
54	MP1C	Mx	.009	6
55	MP4A	X	0	2.13
56	MP4A	Z	19.869	2.13
57	MP4A	Mx	0	2.13
58	MP4A	X	0	4.13
59	MP4A	Z	19.869	4.13
60	MP4A	Mx	0	4.13
61	MP4B	X	0	2.13
62	MP4B	Z	11.571	2.13
63	MP4B	Mx	-.005	2.13
64	MP4B	X	0	4.13
65	MP4B	Z	11.571	4.13
66	MP4B	Mx	-.005	4.13
67	MP4C	X	0	2.13
68	MP4C	Z	11.571	2.13
69	MP4C	Mx	.005	2.13
70	MP4C	X	0	4.13
71	MP4C	Z	11.571	4.13
72	MP4C	Mx	.005	4.13
73	MP2A	X	0	3.13
74	MP2A	Z	10.085	3.13
75	MP2A	Mx	0	3.13
76	MP2B	X	0	3.13
77	MP2B	Z	6.992	3.13
78	MP2B	Mx	-.003	3.13
79	MP2C	X	0	3.13
80	MP2C	Z	6.992	3.13
81	MP2C	Mx	.003	3.13
82	MP3A	X	0	2
83	MP3A	Z	17.186	2
84	MP3A	Mx	0	2
85	MP3B	X	0	2
86	MP3B	Z	13.428	2
87	MP3B	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3C	X	0	2
89	MP3C	Z	13.428	2
90	MP3C	Mx	-.004	2
91	MP4A	X	0	2
92	MP4A	Z	17.186	2
93	MP4A	Mx	0	2
94	MP4B	X	0	2
95	MP4B	Z	11.999	2
96	MP4B	Mx	.003	2
97	MP4C	X	0	2
98	MP4C	Z	11.999	2
99	MP4C	Mx	-.003	2
100	OVP1	X	0	1
101	OVP1	Z	27.259	1
102	OVP1	Mx	0	1
103	OVP2	X	0	1
104	OVP2	Z	32.693	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-15.442	.25
2	MP3A	Z	26.747	.25
3	MP3A	Mx	.023	.25
4	MP3A	X	-15.442	6
5	MP3A	Z	26.747	6
6	MP3A	Mx	.023	6
7	MP3B	X	-11.719	.25
8	MP3B	Z	20.298	.25
9	MP3B	Mx	-.012	.25
10	MP3B	X	-11.719	6
11	MP3B	Z	20.298	6
12	MP3B	Mx	-.012	6
13	MP3C	X	-15.442	.25
14	MP3C	Z	26.747	.25
15	MP3C	Mx	-.008	.25
16	MP3C	X	-15.442	6
17	MP3C	Z	26.747	6
18	MP3C	Mx	-.008	6
19	MP3A	X	-15.442	.25
20	MP3A	Z	26.747	.25
21	MP3A	Mx	-.008	.25
22	MP3A	X	-15.442	6
23	MP3A	Z	26.747	6
24	MP3A	Mx	-.008	6
25	MP3B	X	-11.719	.25
26	MP3B	Z	20.298	.25
27	MP3B	Mx	-.012	.25
28	MP3B	X	-11.719	6
29	MP3B	Z	20.298	6
30	MP3B	Mx	-.012	6
31	MP3C	X	-15.442	.25
32	MP3C	Z	26.747	.25
33	MP3C	Mx	.023	.25
34	MP3C	X	-15.442	6
35	MP3C	Z	26.747	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	.023	6
37	MP1A	X	-11.796	.25
38	MP1A	Z	20.432	.25
39	MP1A	Mx	.006	.25
40	MP1A	X	-11.796	6
41	MP1A	Z	20.432	6
42	MP1A	Mx	.006	6
43	MP1B	X	-10.141	.25
44	MP1B	Z	17.565	.25
45	MP1B	Mx	-.01	.25
46	MP1B	X	-10.141	6
47	MP1B	Z	17.565	6
48	MP1B	Mx	-.01	6
49	MP1C	X	-11.796	.25
50	MP1C	Z	20.432	.25
51	MP1C	Mx	.006	.25
52	MP1C	X	-11.796	6
53	MP1C	Z	20.432	6
54	MP1C	Mx	.006	6
55	MP4A	X	-8.551	2.13
56	MP4A	Z	14.811	2.13
57	MP4A	Mx	.004	2.13
58	MP4A	X	-8.551	4.13
59	MP4A	Z	14.811	4.13
60	MP4A	Mx	.004	4.13
61	MP4B	X	-4.402	2.13
62	MP4B	Z	7.625	2.13
63	MP4B	Mx	-.004	2.13
64	MP4B	X	-4.402	4.13
65	MP4B	Z	7.625	4.13
66	MP4B	Mx	-.004	4.13
67	MP4C	X	-8.551	2.13
68	MP4C	Z	14.811	2.13
69	MP4C	Mx	.004	2.13
70	MP4C	X	-8.551	4.13
71	MP4C	Z	14.811	4.13
72	MP4C	Mx	.004	4.13
73	MP2A	X	-4.527	3.13
74	MP2A	Z	7.841	3.13
75	MP2A	Mx	.002	3.13
76	MP2B	X	-2.98	3.13
77	MP2B	Z	5.162	3.13
78	MP2B	Mx	-.003	3.13
79	MP2C	X	-4.527	3.13
80	MP2C	Z	7.841	3.13
81	MP2C	Mx	.002	3.13
82	MP3A	X	-7.967	2
83	MP3A	Z	13.799	2
84	MP3A	Mx	-.003	2
85	MP3B	X	-6.087	2
86	MP3B	Z	10.544	2
87	MP3B	Mx	.004	2
88	MP3C	X	-7.967	2
89	MP3C	Z	13.799	2
90	MP3C	Mx	-.003	2
91	MP4A	X	-7.729	2
92	MP4A	Z	13.386	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP4A	Mx	-.003	2
94	MP4B	X	-5.135	2
95	MP4B	Z	8.895	2
96	MP4B	Mx	.003	2
97	MP4C	X	-7.729	2
98	MP4C	Z	13.386	2
99	MP4C	Mx	-.003	2
100	OVP1	X	-14.535	1
101	OVP1	Z	25.176	1
102	OVP1	Mx	0	1
103	OVP2	X	-17.252	1
104	OVP2	Z	29.882	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-22.448	.25
2	MP3A	Z	12.96	.25
3	MP3A	Mx	.019	.25
4	MP3A	X	-22.448	6
5	MP3A	Z	12.96	6
6	MP3A	Mx	.019	6
7	MP3B	X	-22.448	.25
8	MP3B	Z	12.96	.25
9	MP3B	Mx	-.004	.25
10	MP3B	X	-22.448	6
11	MP3B	Z	12.96	6
12	MP3B	Mx	-.004	6
13	MP3C	X	-28.897	.25
14	MP3C	Z	16.684	.25
15	MP3C	Mx	-.019	.25
16	MP3C	X	-28.897	6
17	MP3C	Z	16.684	6
18	MP3C	Mx	-.019	6
19	MP3A	X	-22.448	.25
20	MP3A	Z	12.96	.25
21	MP3A	Mx	.004	.25
22	MP3A	X	-22.448	6
23	MP3A	Z	12.96	6
24	MP3A	Mx	.004	6
25	MP3B	X	-22.448	.25
26	MP3B	Z	12.96	.25
27	MP3B	Mx	-.019	.25
28	MP3B	X	-22.448	6
29	MP3B	Z	12.96	6
30	MP3B	Mx	-.019	6
31	MP3C	X	-28.897	.25
32	MP3C	Z	16.684	.25
33	MP3C	Mx	.019	.25
34	MP3C	X	-28.897	6
35	MP3C	Z	16.684	6
36	MP3C	Mx	.019	6
37	MP1A	X	-18.521	.25
38	MP1A	Z	10.693	.25
39	MP1A	Mx	.009	.25
40	MP1A	X	-18.521	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP1A	Z	10.693	6
42	MP1A	Mx	.009	6
43	MP1B	X	-18.521	.25
44	MP1B	Z	10.693	.25
45	MP1B	Mx	-.009	.25
46	MP1B	X	-18.521	6
47	MP1B	Z	10.693	6
48	MP1B	Mx	-.009	6
49	MP1C	X	-21.388	.25
50	MP1C	Z	12.348	.25
51	MP1C	Mx	0	.25
52	MP1C	X	-21.388	6
53	MP1C	Z	12.348	6
54	MP1C	Mx	0	6
55	MP4A	X	-10.021	2.13
56	MP4A	Z	5.785	2.13
57	MP4A	Mx	.005	2.13
58	MP4A	X	-10.021	4.13
59	MP4A	Z	5.785	4.13
60	MP4A	Mx	.005	4.13
61	MP4B	X	-10.021	2.13
62	MP4B	Z	5.785	2.13
63	MP4B	Mx	-.005	2.13
64	MP4B	X	-10.021	4.13
65	MP4B	Z	5.785	4.13
66	MP4B	Mx	-.005	4.13
67	MP4C	X	-17.207	2.13
68	MP4C	Z	9.934	2.13
69	MP4C	Mx	0	2.13
70	MP4C	X	-17.207	4.13
71	MP4C	Z	9.934	4.13
72	MP4C	Mx	0	4.13
73	MP2A	X	-6.055	3.13
74	MP2A	Z	3.496	3.13
75	MP2A	Mx	.003	3.13
76	MP2B	X	-6.055	3.13
77	MP2B	Z	3.496	3.13
78	MP2B	Mx	-.003	3.13
79	MP2C	X	-8.734	3.13
80	MP2C	Z	5.042	3.13
81	MP2C	Mx	0	3.13
82	MP3A	X	-11.629	2
83	MP3A	Z	6.714	2
84	MP3A	Mx	-.004	2
85	MP3B	X	-11.629	2
86	MP3B	Z	6.714	2
87	MP3B	Mx	.004	2
88	MP3C	X	-14.883	2
89	MP3C	Z	8.593	2
90	MP3C	Mx	0	2
91	MP4A	X	-10.392	2
92	MP4A	Z	6	2
93	MP4A	Mx	-.003	2
94	MP4B	X	-10.392	2
95	MP4B	Z	6	2
96	MP4B	Mx	.003	2
97	MP4C	X	-14.883	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP4C	Z	8.593	2
99	MP4C	Mx	0	2
100	OVP1	X	-28.313	1
101	OVP1	Z	16.347	1
102	OVP1	Mx	0	1
103	OVP2	X	-28.313	1
104	OVP2	Z	16.347	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-23.438	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	.012	.25
4	MP3A	X	-23.438	6
5	MP3A	Z	0	6
6	MP3A	Mx	.012	6
7	MP3B	X	-30.885	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	.008	.25
10	MP3B	X	-30.885	6
11	MP3B	Z	0	6
12	MP3B	Mx	.008	6
13	MP3C	X	-30.885	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	-.023	.25
16	MP3C	X	-30.885	6
17	MP3C	Z	0	6
18	MP3C	Mx	-.023	6
19	MP3A	X	-23.438	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	.012	.25
22	MP3A	X	-23.438	6
23	MP3A	Z	0	6
24	MP3A	Mx	.012	6
25	MP3B	X	-30.885	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	-.023	.25
28	MP3B	X	-30.885	6
29	MP3B	Z	0	6
30	MP3B	Mx	-.023	6
31	MP3C	X	-30.885	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	.008	.25
34	MP3C	X	-30.885	6
35	MP3C	Z	0	6
36	MP3C	Mx	.008	6
37	MP1A	X	-20.282	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.01	.25
40	MP1A	X	-20.282	6
41	MP1A	Z	0	6
42	MP1A	Mx	.01	6
43	MP1B	X	-23.593	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	-.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	-23.593	6
47	MP1B	Z	0	6
48	MP1B	Mx	-.006	6
49	MP1C	X	-23.593	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	-.006	.25
52	MP1C	X	-23.593	6
53	MP1C	Z	0	6
54	MP1C	Mx	-.006	6
55	MP4A	X	-8.805	2.13
56	MP4A	Z	0	2.13
57	MP4A	Mx	.004	2.13
58	MP4A	X	-8.805	4.13
59	MP4A	Z	0	4.13
60	MP4A	Mx	.004	4.13
61	MP4B	X	-17.103	2.13
62	MP4B	Z	0	2.13
63	MP4B	Mx	-.004	2.13
64	MP4B	X	-17.103	4.13
65	MP4B	Z	0	4.13
66	MP4B	Mx	-.004	4.13
67	MP4C	X	-17.103	2.13
68	MP4C	Z	0	2.13
69	MP4C	Mx	-.004	2.13
70	MP4C	X	-17.103	4.13
71	MP4C	Z	0	4.13
72	MP4C	Mx	-.004	4.13
73	MP2A	X	-5.961	3.13
74	MP2A	Z	0	3.13
75	MP2A	Mx	.003	3.13
76	MP2B	X	-9.054	3.13
77	MP2B	Z	0	3.13
78	MP2B	Mx	-.002	3.13
79	MP2C	X	-9.054	3.13
80	MP2C	Z	0	3.13
81	MP2C	Mx	-.002	3.13
82	MP3A	X	-12.175	2
83	MP3A	Z	0	2
84	MP3A	Mx	-.004	2
85	MP3B	X	-15.933	2
86	MP3B	Z	0	2
87	MP3B	Mx	.003	2
88	MP3C	X	-15.933	2
89	MP3C	Z	0	2
90	MP3C	Mx	.003	2
91	MP4A	X	-10.271	2
92	MP4A	Z	0	2
93	MP4A	Mx	-.003	2
94	MP4B	X	-15.457	2
95	MP4B	Z	0	2
96	MP4B	Mx	.003	2
97	MP4C	X	-15.457	2
98	MP4C	Z	0	2
99	MP4C	Mx	.003	2
100	OVP1	X	-34.505	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	OVP2	X	-29.07	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-22.448	.25
2	MP3A	Z	-12.96	.25
3	MP3A	Mx	.004	.25
4	MP3A	X	-22.448	6
5	MP3A	Z	-12.96	6
6	MP3A	Mx	.004	6
7	MP3B	X	-28.897	.25
8	MP3B	Z	-16.684	.25
9	MP3B	Mx	.019	.25
10	MP3B	X	-28.897	6
11	MP3B	Z	-16.684	6
12	MP3B	Mx	.019	6
13	MP3C	X	-22.448	.25
14	MP3C	Z	-12.96	.25
15	MP3C	Mx	-.019	.25
16	MP3C	X	-22.448	6
17	MP3C	Z	-12.96	6
18	MP3C	Mx	-.019	6
19	MP3A	X	-22.448	.25
20	MP3A	Z	-12.96	.25
21	MP3A	Mx	.019	.25
22	MP3A	X	-22.448	6
23	MP3A	Z	-12.96	6
24	MP3A	Mx	.019	6
25	MP3B	X	-28.897	.25
26	MP3B	Z	-16.684	.25
27	MP3B	Mx	-.019	.25
28	MP3B	X	-28.897	6
29	MP3B	Z	-16.684	6
30	MP3B	Mx	-.019	6
31	MP3C	X	-22.448	.25
32	MP3C	Z	-12.96	.25
33	MP3C	Mx	-.004	.25
34	MP3C	X	-22.448	6
35	MP3C	Z	-12.96	6
36	MP3C	Mx	-.004	6
37	MP1A	X	-18.521	.25
38	MP1A	Z	-10.693	.25
39	MP1A	Mx	.009	.25
40	MP1A	X	-18.521	6
41	MP1A	Z	-10.693	6
42	MP1A	Mx	.009	6
43	MP1B	X	-21.388	.25
44	MP1B	Z	-12.348	.25
45	MP1B	Mx	0	.25
46	MP1B	X	-21.388	6
47	MP1B	Z	-12.348	6
48	MP1B	Mx	0	6
49	MP1C	X	-18.521	.25
50	MP1C	Z	-10.693	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP1C	Mx	-.009	.25
52	MP1C	X	-18.521	6
53	MP1C	Z	-10.693	6
54	MP1C	Mx	-.009	6
55	MP4A	X	-10.021	2.13
56	MP4A	Z	-5.785	2.13
57	MP4A	Mx	.005	2.13
58	MP4A	X	-10.021	4.13
59	MP4A	Z	-5.785	4.13
60	MP4A	Mx	.005	4.13
61	MP4B	X	-17.207	2.13
62	MP4B	Z	-9.934	2.13
63	MP4B	Mx	0	2.13
64	MP4B	X	-17.207	4.13
65	MP4B	Z	-9.934	4.13
66	MP4B	Mx	0	4.13
67	MP4C	X	-10.021	2.13
68	MP4C	Z	-5.785	2.13
69	MP4C	Mx	-.005	2.13
70	MP4C	X	-10.021	4.13
71	MP4C	Z	-5.785	4.13
72	MP4C	Mx	-.005	4.13
73	MP2A	X	-6.055	3.13
74	MP2A	Z	-3.496	3.13
75	MP2A	Mx	.003	3.13
76	MP2B	X	-8.734	3.13
77	MP2B	Z	-5.042	3.13
78	MP2B	Mx	0	3.13
79	MP2C	X	-6.055	3.13
80	MP2C	Z	-3.496	3.13
81	MP2C	Mx	-.003	3.13
82	MP3A	X	-11.629	2
83	MP3A	Z	-6.714	2
84	MP3A	Mx	-.004	2
85	MP3B	X	-14.883	2
86	MP3B	Z	-8.593	2
87	MP3B	Mx	0	2
88	MP3C	X	-11.629	2
89	MP3C	Z	-6.714	2
90	MP3C	Mx	.004	2
91	MP4A	X	-10.392	2
92	MP4A	Z	-6	2
93	MP4A	Mx	-.003	2
94	MP4B	X	-14.883	2
95	MP4B	Z	-8.593	2
96	MP4B	Mx	0	2
97	MP4C	X	-10.392	2
98	MP4C	Z	-6	2
99	MP4C	Mx	.003	2
100	OVP1	X	-28.313	1
101	OVP1	Z	-16.347	1
102	OVP1	Mx	0	1
103	OVP2	X	-23.607	1
104	OVP2	Z	-13.629	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-15.442	.25
2	MP3A	Z	-26.747	.25
3	MP3A	Mx	-.008	.25
4	MP3A	X	-15.442	6
5	MP3A	Z	-26.747	6
6	MP3A	Mx	-.008	6
7	MP3B	X	-15.442	.25
8	MP3B	Z	-26.747	.25
9	MP3B	Mx	.023	.25
10	MP3B	X	-15.442	6
11	MP3B	Z	-26.747	6
12	MP3B	Mx	.023	6
13	MP3C	X	-11.719	.25
14	MP3C	Z	-20.298	.25
15	MP3C	Mx	-.012	.25
16	MP3C	X	-11.719	6
17	MP3C	Z	-20.298	6
18	MP3C	Mx	-.012	6
19	MP3A	X	-15.442	.25
20	MP3A	Z	-26.747	.25
21	MP3A	Mx	.023	.25
22	MP3A	X	-15.442	6
23	MP3A	Z	-26.747	6
24	MP3A	Mx	.023	6
25	MP3B	X	-15.442	.25
26	MP3B	Z	-26.747	.25
27	MP3B	Mx	-.008	.25
28	MP3B	X	-15.442	6
29	MP3B	Z	-26.747	6
30	MP3B	Mx	-.008	6
31	MP3C	X	-11.719	.25
32	MP3C	Z	-20.298	.25
33	MP3C	Mx	-.012	.25
34	MP3C	X	-11.719	6
35	MP3C	Z	-20.298	6
36	MP3C	Mx	-.012	6
37	MP1A	X	-11.796	.25
38	MP1A	Z	-20.432	.25
39	MP1A	Mx	.006	.25
40	MP1A	X	-11.796	6
41	MP1A	Z	-20.432	6
42	MP1A	Mx	.006	6
43	MP1B	X	-11.796	.25
44	MP1B	Z	-20.432	.25
45	MP1B	Mx	.006	.25
46	MP1B	X	-11.796	6
47	MP1B	Z	-20.432	6
48	MP1B	Mx	.006	6
49	MP1C	X	-10.141	.25
50	MP1C	Z	-17.565	.25
51	MP1C	Mx	-.01	.25
52	MP1C	X	-10.141	6
53	MP1C	Z	-17.565	6
54	MP1C	Mx	-.01	6
55	MP4A	X	-8.551	2.13
56	MP4A	Z	-14.811	2.13
57	MP4A	Mx	.004	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-8.551	4.13
59	MP4A	Z	-14.811	4.13
60	MP4A	Mx	.004	4.13
61	MP4B	X	-8.551	2.13
62	MP4B	Z	-14.811	2.13
63	MP4B	Mx	.004	2.13
64	MP4B	X	-8.551	4.13
65	MP4B	Z	-14.811	4.13
66	MP4B	Mx	.004	4.13
67	MP4C	X	-4.402	2.13
68	MP4C	Z	-7.625	2.13
69	MP4C	Mx	-.004	2.13
70	MP4C	X	-4.402	4.13
71	MP4C	Z	-7.625	4.13
72	MP4C	Mx	-.004	4.13
73	MP2A	X	-4.527	3.13
74	MP2A	Z	-7.841	3.13
75	MP2A	Mx	.002	3.13
76	MP2B	X	-4.527	3.13
77	MP2B	Z	-7.841	3.13
78	MP2B	Mx	.002	3.13
79	MP2C	X	-2.98	3.13
80	MP2C	Z	-5.162	3.13
81	MP2C	Mx	-.003	3.13
82	MP3A	X	-7.967	2
83	MP3A	Z	-13.799	2
84	MP3A	Mx	-.003	2
85	MP3B	X	-7.967	2
86	MP3B	Z	-13.799	2
87	MP3B	Mx	-.003	2
88	MP3C	X	-6.087	2
89	MP3C	Z	-10.544	2
90	MP3C	Mx	.004	2
91	MP4A	X	-7.729	2
92	MP4A	Z	-13.386	2
93	MP4A	Mx	-.003	2
94	MP4B	X	-7.729	2
95	MP4B	Z	-13.386	2
96	MP4B	Mx	-.003	2
97	MP4C	X	-5.135	2
98	MP4C	Z	-8.895	2
99	MP4C	Mx	.003	2
100	OVP1	X	-14.535	1
101	OVP1	Z	-25.176	1
102	OVP1	Mx	0	1
103	OVP2	X	-14.535	1
104	OVP2	Z	-25.176	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	-10.401	.25
3	MP3A	Mx	-.006	.25
4	MP3A	X	0	6
5	MP3A	Z	-10.401	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	-.006	6
7	MP3B	X	0	.25
8	MP3B	Z	-7.759	.25
9	MP3B	Mx	.006	.25
10	MP3B	X	0	6
11	MP3B	Z	-7.759	6
12	MP3B	Mx	.006	6
13	MP3C	X	0	.25
14	MP3C	Z	-7.759	.25
15	MP3C	Mx	-.001	.25
16	MP3C	X	0	6
17	MP3C	Z	-7.759	6
18	MP3C	Mx	-.001	6
19	MP3A	X	0	.25
20	MP3A	Z	-10.401	.25
21	MP3A	Mx	.006	.25
22	MP3A	X	0	6
23	MP3A	Z	-10.401	6
24	MP3A	Mx	.006	6
25	MP3B	X	0	.25
26	MP3B	Z	-7.759	.25
27	MP3B	Mx	.001	.25
28	MP3B	X	0	6
29	MP3B	Z	-7.759	6
30	MP3B	Mx	.001	6
31	MP3C	X	0	.25
32	MP3C	Z	-7.759	.25
33	MP3C	Mx	-.006	.25
34	MP3C	X	0	6
35	MP3C	Z	-7.759	6
36	MP3C	Mx	-.006	6
37	MP1A	X	0	.25
38	MP1A	Z	-7.342	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	6
41	MP1A	Z	-7.342	6
42	MP1A	Mx	0	6
43	MP1B	X	0	.25
44	MP1B	Z	-6.196	.25
45	MP1B	Mx	.003	.25
46	MP1B	X	0	6
47	MP1B	Z	-6.196	6
48	MP1B	Mx	.003	6
49	MP1C	X	0	.25
50	MP1C	Z	-6.196	.25
51	MP1C	Mx	-.003	.25
52	MP1C	X	0	6
53	MP1C	Z	-6.196	6
54	MP1C	Mx	-.003	6
55	MP4A	X	0	2.13
56	MP4A	Z	-5.991	2.13
57	MP4A	Mx	0	2.13
58	MP4A	X	0	4.13
59	MP4A	Z	-5.991	4.13
60	MP4A	Mx	0	4.13
61	MP4B	X	0	2.13
62	MP4B	Z	-3.257	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4B	Mx	.001	2.13
64	MP4B	X	0	4.13
65	MP4B	Z	-3.257	4.13
66	MP4B	Mx	.001	4.13
67	MP4C	X	0	2.13
68	MP4C	Z	-3.257	2.13
69	MP4C	Mx	-.001	2.13
70	MP4C	X	0	4.13
71	MP4C	Z	-3.257	4.13
72	MP4C	Mx	-.001	4.13
73	MP2A	X	0	3.13
74	MP2A	Z	-2.549	3.13
75	MP2A	Mx	0	3.13
76	MP2B	X	0	3.13
77	MP2B	Z	-1.595	3.13
78	MP2B	Mx	.000691	3.13
79	MP2C	X	0	3.13
80	MP2C	Z	-1.595	3.13
81	MP2C	Mx	-.000691	3.13
82	MP3A	X	0	2
83	MP3A	Z	-4.767	2
84	MP3A	Mx	0	2
85	MP3B	X	0	2
86	MP3B	Z	-3.582	2
87	MP3B	Mx	-.001	2
88	MP3C	X	0	2
89	MP3C	Z	-3.582	2
90	MP3C	Mx	.001	2
91	MP4A	X	0	2
92	MP4A	Z	-4.767	2
93	MP4A	Mx	0	2
94	MP4B	X	0	2
95	MP4B	Z	-3.128	2
96	MP4B	Mx	-.000903	2
97	MP4C	X	0	2
98	MP4C	Z	-3.128	2
99	MP4C	Mx	.000903	2
100	OVP1	X	0	1
101	OVP1	Z	-7.897	1
102	OVP1	Mx	0	1
103	OVP2	X	0	1
104	OVP2	Z	-9.737	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.76	.25
2	MP3A	Z	-8.245	.25
3	MP3A	Mx	-.007	.25
4	MP3A	X	4.76	6
5	MP3A	Z	-8.245	6
6	MP3A	Mx	-.007	6
7	MP3B	X	3.439	.25
8	MP3B	Z	-5.957	.25
9	MP3B	Mx	.003	.25
10	MP3B	X	3.439	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3B	Z	-5.957	6
12	MP3B	Mx	.003	6
13	MP3C	X	4.76	.25
14	MP3C	Z	-8.245	.25
15	MP3C	Mx	.002	.25
16	MP3C	X	4.76	6
17	MP3C	Z	-8.245	6
18	MP3C	Mx	.002	6
19	MP3A	X	4.76	.25
20	MP3A	Z	-8.245	.25
21	MP3A	Mx	.002	.25
22	MP3A	X	4.76	6
23	MP3A	Z	-8.245	6
24	MP3A	Mx	.002	6
25	MP3B	X	3.439	.25
26	MP3B	Z	-5.957	.25
27	MP3B	Mx	.003	.25
28	MP3B	X	3.439	6
29	MP3B	Z	-5.957	6
30	MP3B	Mx	.003	6
31	MP3C	X	4.76	.25
32	MP3C	Z	-8.245	.25
33	MP3C	Mx	-.007	.25
34	MP3C	X	4.76	6
35	MP3C	Z	-8.245	6
36	MP3C	Mx	-.007	6
37	MP1A	X	3.48	.25
38	MP1A	Z	-6.028	.25
39	MP1A	Mx	-.002	.25
40	MP1A	X	3.48	6
41	MP1A	Z	-6.028	6
42	MP1A	Mx	-.002	6
43	MP1B	X	2.907	.25
44	MP1B	Z	-5.035	.25
45	MP1B	Mx	.003	.25
46	MP1B	X	2.907	6
47	MP1B	Z	-5.035	6
48	MP1B	Mx	.003	6
49	MP1C	X	3.48	.25
50	MP1C	Z	-6.028	.25
51	MP1C	Mx	-.002	.25
52	MP1C	X	3.48	6
53	MP1C	Z	-6.028	6
54	MP1C	Mx	-.002	6
55	MP4A	X	2.54	2.13
56	MP4A	Z	-4.399	2.13
57	MP4A	Mx	-.001	2.13
58	MP4A	X	2.54	4.13
59	MP4A	Z	-4.399	4.13
60	MP4A	Mx	-.001	4.13
61	MP4B	X	1.173	2.13
62	MP4B	Z	-2.031	2.13
63	MP4B	Mx	.001	2.13
64	MP4B	X	1.173	4.13
65	MP4B	Z	-2.031	4.13
66	MP4B	Mx	.001	4.13
67	MP4C	X	2.54	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP4C	Z	-4.399	2.13
69	MP4C	Mx	-.001	2.13
70	MP4C	X	2.54	4.13
71	MP4C	Z	-4.399	4.13
72	MP4C	Mx	-.001	4.13
73	MP2A	X	1.116	3.13
74	MP2A	Z	-1.932	3.13
75	MP2A	Mx	-.000558	3.13
76	MP2B	X	.639	3.13
77	MP2B	Z	-1.106	3.13
78	MP2B	Mx	.000639	3.13
79	MP2C	X	1.116	3.13
80	MP2C	Z	-1.932	3.13
81	MP2C	Mx	-.000558	3.13
82	MP3A	X	2.186	2
83	MP3A	Z	-3.786	2
84	MP3A	Mx	.000729	2
85	MP3B	X	1.593	2
86	MP3B	Z	-2.76	2
87	MP3B	Mx	-.001	2
88	MP3C	X	2.186	2
89	MP3C	Z	-3.786	2
90	MP3C	Mx	.000729	2
91	MP4A	X	2.11	2
92	MP4A	Z	-3.655	2
93	MP4A	Mx	.000703	2
94	MP4B	X	1.291	2
95	MP4B	Z	-2.235	2
96	MP4B	Mx	-.00086	2
97	MP4C	X	2.11	2
98	MP4C	Z	-3.655	2
99	MP4C	Mx	.000703	2
100	OVP1	X	4.255	1
101	OVP1	Z	-7.37	1
102	OVP1	Mx	0	1
103	OVP2	X	5.175	1
104	OVP2	Z	-8.964	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.72	.25
2	MP3A	Z	-3.88	.25
3	MP3A	Mx	-.006	.25
4	MP3A	X	6.72	6
5	MP3A	Z	-3.88	6
6	MP3A	Mx	-.006	6
7	MP3B	X	6.72	.25
8	MP3B	Z	-3.88	.25
9	MP3B	Mx	.001	.25
10	MP3B	X	6.72	6
11	MP3B	Z	-3.88	6
12	MP3B	Mx	.001	6
13	MP3C	X	9.008	.25
14	MP3C	Z	-5.201	.25
15	MP3C	Mx	.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	9.008	6
17	MP3C	Z	-5.201	6
18	MP3C	Mx	.006	6
19	MP3A	X	6.72	.25
20	MP3A	Z	-3.88	.25
21	MP3A	Mx	-.001	.25
22	MP3A	X	6.72	6
23	MP3A	Z	-3.88	6
24	MP3A	Mx	-.001	6
25	MP3B	X	6.72	.25
26	MP3B	Z	-3.88	.25
27	MP3B	Mx	.006	.25
28	MP3B	X	6.72	6
29	MP3B	Z	-3.88	6
30	MP3B	Mx	.006	6
31	MP3C	X	9.008	.25
32	MP3C	Z	-5.201	.25
33	MP3C	Mx	-.006	.25
34	MP3C	X	9.008	6
35	MP3C	Z	-5.201	6
36	MP3C	Mx	-.006	6
37	MP1A	X	5.366	.25
38	MP1A	Z	-3.098	.25
39	MP1A	Mx	-.003	.25
40	MP1A	X	5.366	6
41	MP1A	Z	-3.098	6
42	MP1A	Mx	-.003	6
43	MP1B	X	5.366	.25
44	MP1B	Z	-3.098	.25
45	MP1B	Mx	.003	.25
46	MP1B	X	5.366	6
47	MP1B	Z	-3.098	6
48	MP1B	Mx	.003	6
49	MP1C	X	6.359	.25
50	MP1C	Z	-3.671	.25
51	MP1C	Mx	0	.25
52	MP1C	X	6.359	6
53	MP1C	Z	-3.671	6
54	MP1C	Mx	0	6
55	MP4A	X	2.821	2.13
56	MP4A	Z	-1.628	2.13
57	MP4A	Mx	-.001	2.13
58	MP4A	X	2.821	4.13
59	MP4A	Z	-1.628	4.13
60	MP4A	Mx	-.001	4.13
61	MP4B	X	2.821	2.13
62	MP4B	Z	-1.628	2.13
63	MP4B	Mx	.001	2.13
64	MP4B	X	2.821	4.13
65	MP4B	Z	-1.628	4.13
66	MP4B	Mx	.001	4.13
67	MP4C	X	5.188	2.13
68	MP4C	Z	-2.996	2.13
69	MP4C	Mx	0	2.13
70	MP4C	X	5.188	4.13
71	MP4C	Z	-2.996	4.13
72	MP4C	Mx	0	4.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP2A	X	1.382	3.13
74	MP2A	Z	-.798	3.13
75	MP2A	Mx	-.000691	3.13
76	MP2B	X	1.382	3.13
77	MP2B	Z	-.798	3.13
78	MP2B	Mx	.000691	3.13
79	MP2C	X	2.208	3.13
80	MP2C	Z	-1.275	3.13
81	MP2C	Mx	0	3.13
82	MP3A	X	3.102	2
83	MP3A	Z	-1.791	2
84	MP3A	Mx	.001	2
85	MP3B	X	3.102	2
86	MP3B	Z	-1.791	2
87	MP3B	Mx	-.001	2
88	MP3C	X	4.129	2
89	MP3C	Z	-2.384	2
90	MP3C	Mx	0	2
91	MP4A	X	2.709	2
92	MP4A	Z	-1.564	2
93	MP4A	Mx	.000903	2
94	MP4B	X	2.709	2
95	MP4B	Z	-1.564	2
96	MP4B	Mx	-.000903	2
97	MP4C	X	4.129	2
98	MP4C	Z	-2.384	2
99	MP4C	Mx	0	2
100	OVP1	X	8.433	1
101	OVP1	Z	-4.869	1
102	OVP1	Mx	0	1
103	OVP2	X	8.433	1
104	OVP2	Z	-4.869	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.879	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	-.003	.25
4	MP3A	X	6.879	6
5	MP3A	Z	0	6
6	MP3A	Mx	-.003	6
7	MP3B	X	9.521	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	-.002	.25
10	MP3B	X	9.521	6
11	MP3B	Z	0	6
12	MP3B	Mx	-.002	6
13	MP3C	X	9.521	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	.007	.25
16	MP3C	X	9.521	6
17	MP3C	Z	0	6
18	MP3C	Mx	.007	6
19	MP3A	X	6.879	.25
20	MP3A	Z	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mx	-.003	.25
22	MP3A	X	6.879	6
23	MP3A	Z	0	6
24	MP3A	Mx	-.003	6
25	MP3B	X	9.521	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	.007	.25
28	MP3B	X	9.521	6
29	MP3B	Z	0	6
30	MP3B	Mx	.007	6
31	MP3C	X	9.521	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	-.002	.25
34	MP3C	X	9.521	6
35	MP3C	Z	0	6
36	MP3C	Mx	-.002	6
37	MP1A	X	5.814	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	-.003	.25
40	MP1A	X	5.814	6
41	MP1A	Z	0	6
42	MP1A	Mx	-.003	6
43	MP1B	X	6.96	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	.002	.25
46	MP1B	X	6.96	6
47	MP1B	Z	0	6
48	MP1B	Mx	.002	6
49	MP1C	X	6.96	.25
50	MP1C	Z	0	.25
51	MP1C	Mx	.002	.25
52	MP1C	X	6.96	6
53	MP1C	Z	0	6
54	MP1C	Mx	.002	6
55	MP4A	X	2.345	2.13
56	MP4A	Z	0	2.13
57	MP4A	Mx	-.001	2.13
58	MP4A	X	2.345	4.13
59	MP4A	Z	0	4.13
60	MP4A	Mx	-.001	4.13
61	MP4B	X	5.08	2.13
62	MP4B	Z	0	2.13
63	MP4B	Mx	.001	2.13
64	MP4B	X	5.08	4.13
65	MP4B	Z	0	4.13
66	MP4B	Mx	.001	4.13
67	MP4C	X	5.08	2.13
68	MP4C	Z	0	2.13
69	MP4C	Mx	.001	2.13
70	MP4C	X	5.08	4.13
71	MP4C	Z	0	4.13
72	MP4C	Mx	.001	4.13
73	MP2A	X	1.277	3.13
74	MP2A	Z	0	3.13
75	MP2A	Mx	-.000638	3.13
76	MP2B	X	2.231	3.13
77	MP2B	Z	0	3.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2B	Mx	.000558	3.13
79	MP2C	X	2.231	3.13
80	MP2C	Z	0	3.13
81	MP2C	Mx	.000558	3.13
82	MP3A	X	3.187	2
83	MP3A	Z	0	2
84	MP3A	Mx	.001	2
85	MP3B	X	4.372	2
86	MP3B	Z	0	2
87	MP3B	Mx	-.000729	2
88	MP3C	X	4.372	2
89	MP3C	Z	0	2
90	MP3C	Mx	-.000729	2
91	MP4A	X	2.581	2
92	MP4A	Z	0	2
93	MP4A	Mx	.00086	2
94	MP4B	X	4.221	2
95	MP4B	Z	0	2
96	MP4B	Mx	-.000704	2
97	MP4C	X	4.221	2
98	MP4C	Z	0	2
99	MP4C	Mx	-.000704	2
100	OVP1	X	10.35	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1
103	OVP2	X	8.51	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.72	.25
2	MP3A	Z	3.88	.25
3	MP3A	Mx	-.001	.25
4	MP3A	X	6.72	6
5	MP3A	Z	3.88	6
6	MP3A	Mx	-.001	6
7	MP3B	X	9.008	.25
8	MP3B	Z	5.201	.25
9	MP3B	Mx	-.006	.25
10	MP3B	X	9.008	6
11	MP3B	Z	5.201	6
12	MP3B	Mx	-.006	6
13	MP3C	X	6.72	.25
14	MP3C	Z	3.88	.25
15	MP3C	Mx	.006	.25
16	MP3C	X	6.72	6
17	MP3C	Z	3.88	6
18	MP3C	Mx	.006	6
19	MP3A	X	6.72	.25
20	MP3A	Z	3.88	.25
21	MP3A	Mx	-.006	.25
22	MP3A	X	6.72	6
23	MP3A	Z	3.88	6
24	MP3A	Mx	-.006	6
25	MP3B	X	9.008	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP3B	Z	5.201	.25
27	MP3B	Mx	.006	.25
28	MP3B	X	9.008	6
29	MP3B	Z	5.201	6
30	MP3B	Mx	.006	6
31	MP3C	X	6.72	.25
32	MP3C	Z	3.88	.25
33	MP3C	Mx	.001	.25
34	MP3C	X	6.72	6
35	MP3C	Z	3.88	6
36	MP3C	Mx	.001	6
37	MP1A	X	5.366	.25
38	MP1A	Z	3.098	.25
39	MP1A	Mx	-.003	.25
40	MP1A	X	5.366	6
41	MP1A	Z	3.098	6
42	MP1A	Mx	-.003	6
43	MP1B	X	6.359	.25
44	MP1B	Z	3.671	.25
45	MP1B	Mx	0	.25
46	MP1B	X	6.359	6
47	MP1B	Z	3.671	6
48	MP1B	Mx	0	6
49	MP1C	X	5.366	.25
50	MP1C	Z	3.098	.25
51	MP1C	Mx	.003	.25
52	MP1C	X	5.366	6
53	MP1C	Z	3.098	6
54	MP1C	Mx	.003	6
55	MP4A	X	2.821	2.13
56	MP4A	Z	1.628	2.13
57	MP4A	Mx	-.001	2.13
58	MP4A	X	2.821	4.13
59	MP4A	Z	1.628	4.13
60	MP4A	Mx	-.001	4.13
61	MP4B	X	5.188	2.13
62	MP4B	Z	2.996	2.13
63	MP4B	Mx	0	2.13
64	MP4B	X	5.188	4.13
65	MP4B	Z	2.996	4.13
66	MP4B	Mx	0	4.13
67	MP4C	X	2.821	2.13
68	MP4C	Z	1.628	2.13
69	MP4C	Mx	.001	2.13
70	MP4C	X	2.821	4.13
71	MP4C	Z	1.628	4.13
72	MP4C	Mx	.001	4.13
73	MP2A	X	1.382	3.13
74	MP2A	Z	.798	3.13
75	MP2A	Mx	-.000691	3.13
76	MP2B	X	2.208	3.13
77	MP2B	Z	1.275	3.13
78	MP2B	Mx	0	3.13
79	MP2C	X	1.382	3.13
80	MP2C	Z	.798	3.13
81	MP2C	Mx	.000691	3.13
82	MP3A	X	3.102	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP3A	Z	1.791	2
84	MP3A	Mx	.001	2
85	MP3B	X	4.129	2
86	MP3B	Z	2.384	2
87	MP3B	Mx	0	2
88	MP3C	X	3.102	2
89	MP3C	Z	1.791	2
90	MP3C	Mx	-.001	2
91	MP4A	X	2.709	2
92	MP4A	Z	1.564	2
93	MP4A	Mx	.000903	2
94	MP4B	X	4.129	2
95	MP4B	Z	2.384	2
96	MP4B	Mx	0	2
97	MP4C	X	2.709	2
98	MP4C	Z	1.564	2
99	MP4C	Mx	-.000903	2
100	OVP1	X	8.433	1
101	OVP1	Z	4.869	1
102	OVP1	Mx	0	1
103	OVP2	X	6.839	1
104	OVP2	Z	3.948	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.76	.25
2	MP3A	Z	8.245	.25
3	MP3A	Mx	.002	.25
4	MP3A	X	4.76	6
5	MP3A	Z	8.245	6
6	MP3A	Mx	.002	6
7	MP3B	X	4.76	.25
8	MP3B	Z	8.245	.25
9	MP3B	Mx	-.007	.25
10	MP3B	X	4.76	6
11	MP3B	Z	8.245	6
12	MP3B	Mx	-.007	6
13	MP3C	X	3.439	.25
14	MP3C	Z	5.957	.25
15	MP3C	Mx	.003	.25
16	MP3C	X	3.439	6
17	MP3C	Z	5.957	6
18	MP3C	Mx	.003	6
19	MP3A	X	4.76	.25
20	MP3A	Z	8.245	.25
21	MP3A	Mx	-.007	.25
22	MP3A	X	4.76	6
23	MP3A	Z	8.245	6
24	MP3A	Mx	-.007	6
25	MP3B	X	4.76	.25
26	MP3B	Z	8.245	.25
27	MP3B	Mx	.002	.25
28	MP3B	X	4.76	6
29	MP3B	Z	8.245	6
30	MP3B	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3C	X	3.439	.25
32	MP3C	Z	5.957	.25
33	MP3C	Mx	.003	.25
34	MP3C	X	3.439	6
35	MP3C	Z	5.957	6
36	MP3C	Mx	.003	6
37	MP1A	X	3.48	.25
38	MP1A	Z	6.028	.25
39	MP1A	Mx	-.002	.25
40	MP1A	X	3.48	6
41	MP1A	Z	6.028	6
42	MP1A	Mx	-.002	6
43	MP1B	X	3.48	.25
44	MP1B	Z	6.028	.25
45	MP1B	Mx	-.002	.25
46	MP1B	X	3.48	6
47	MP1B	Z	6.028	6
48	MP1B	Mx	-.002	6
49	MP1C	X	2.907	.25
50	MP1C	Z	5.035	.25
51	MP1C	Mx	.003	.25
52	MP1C	X	2.907	6
53	MP1C	Z	5.035	6
54	MP1C	Mx	.003	6
55	MP4A	X	2.54	2.13
56	MP4A	Z	4.399	2.13
57	MP4A	Mx	-.001	2.13
58	MP4A	X	2.54	4.13
59	MP4A	Z	4.399	4.13
60	MP4A	Mx	-.001	4.13
61	MP4B	X	2.54	2.13
62	MP4B	Z	4.399	2.13
63	MP4B	Mx	-.001	2.13
64	MP4B	X	2.54	4.13
65	MP4B	Z	4.399	4.13
66	MP4B	Mx	-.001	4.13
67	MP4C	X	1.173	2.13
68	MP4C	Z	2.031	2.13
69	MP4C	Mx	.001	2.13
70	MP4C	X	1.173	4.13
71	MP4C	Z	2.031	4.13
72	MP4C	Mx	.001	4.13
73	MP2A	X	1.116	3.13
74	MP2A	Z	1.932	3.13
75	MP2A	Mx	-.000558	3.13
76	MP2B	X	1.116	3.13
77	MP2B	Z	1.932	3.13
78	MP2B	Mx	-.000558	3.13
79	MP2C	X	.639	3.13
80	MP2C	Z	1.106	3.13
81	MP2C	Mx	.000639	3.13
82	MP3A	X	2.186	2
83	MP3A	Z	3.786	2
84	MP3A	Mx	.000729	2
85	MP3B	X	2.186	2
86	MP3B	Z	3.786	2
87	MP3B	Mx	.000729	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3C	X	1.593	2
89	MP3C	Z	2.76	2
90	MP3C	Mx	-.001	2
91	MP4A	X	2.11	2
92	MP4A	Z	3.655	2
93	MP4A	Mx	.000703	2
94	MP4B	X	2.11	2
95	MP4B	Z	3.655	2
96	MP4B	Mx	.000703	2
97	MP4C	X	1.291	2
98	MP4C	Z	2.235	2
99	MP4C	Mx	-.00086	2
100	OVP1	X	4.255	1
101	OVP1	Z	7.37	1
102	OVP1	Mx	0	1
103	OVP2	X	4.255	1
104	OVP2	Z	7.37	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	10.401	.25
3	MP3A	Mx	.006	.25
4	MP3A	X	0	6
5	MP3A	Z	10.401	6
6	MP3A	Mx	.006	6
7	MP3B	X	0	.25
8	MP3B	Z	7.759	.25
9	MP3B	Mx	-.006	.25
10	MP3B	X	0	6
11	MP3B	Z	7.759	6
12	MP3B	Mx	-.006	6
13	MP3C	X	0	.25
14	MP3C	Z	7.759	.25
15	MP3C	Mx	.001	.25
16	MP3C	X	0	6
17	MP3C	Z	7.759	6
18	MP3C	Mx	.001	6
19	MP3A	X	0	.25
20	MP3A	Z	10.401	.25
21	MP3A	Mx	-.006	.25
22	MP3A	X	0	6
23	MP3A	Z	10.401	6
24	MP3A	Mx	-.006	6
25	MP3B	X	0	.25
26	MP3B	Z	7.759	.25
27	MP3B	Mx	-.001	.25
28	MP3B	X	0	6
29	MP3B	Z	7.759	6
30	MP3B	Mx	-.001	6
31	MP3C	X	0	.25
32	MP3C	Z	7.759	.25
33	MP3C	Mx	.006	.25
34	MP3C	X	0	6
35	MP3C	Z	7.759	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	.006	6
37	MP1A	X	0	.25
38	MP1A	Z	7.342	.25
39	MP1A	Mx	0	.25
40	MP1A	X	0	6
41	MP1A	Z	7.342	6
42	MP1A	Mx	0	6
43	MP1B	X	0	.25
44	MP1B	Z	6.196	.25
45	MP1B	Mx	-.003	.25
46	MP1B	X	0	6
47	MP1B	Z	6.196	6
48	MP1B	Mx	-.003	6
49	MP1C	X	0	.25
50	MP1C	Z	6.196	.25
51	MP1C	Mx	.003	.25
52	MP1C	X	0	6
53	MP1C	Z	6.196	6
54	MP1C	Mx	.003	6
55	MP4A	X	0	2.13
56	MP4A	Z	5.991	2.13
57	MP4A	Mx	0	2.13
58	MP4A	X	0	4.13
59	MP4A	Z	5.991	4.13
60	MP4A	Mx	0	4.13
61	MP4B	X	0	2.13
62	MP4B	Z	3.257	2.13
63	MP4B	Mx	-.001	2.13
64	MP4B	X	0	4.13
65	MP4B	Z	3.257	4.13
66	MP4B	Mx	-.001	4.13
67	MP4C	X	0	2.13
68	MP4C	Z	3.257	2.13
69	MP4C	Mx	.001	2.13
70	MP4C	X	0	4.13
71	MP4C	Z	3.257	4.13
72	MP4C	Mx	.001	4.13
73	MP2A	X	0	3.13
74	MP2A	Z	2.549	3.13
75	MP2A	Mx	0	3.13
76	MP2B	X	0	3.13
77	MP2B	Z	1.595	3.13
78	MP2B	Mx	-.000691	3.13
79	MP2C	X	0	3.13
80	MP2C	Z	1.595	3.13
81	MP2C	Mx	.000691	3.13
82	MP3A	X	0	2
83	MP3A	Z	4.767	2
84	MP3A	Mx	0	2
85	MP3B	X	0	2
86	MP3B	Z	3.582	2
87	MP3B	Mx	.001	2
88	MP3C	X	0	2
89	MP3C	Z	3.582	2
90	MP3C	Mx	-.001	2
91	MP4A	X	0	2
92	MP4A	Z	4.767	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP4A	Mx	0	2
94	MP4B	X	0	2
95	MP4B	Z	3.128	2
96	MP4B	Mx	.000903	2
97	MP4C	X	0	2
98	MP4C	Z	3.128	2
99	MP4C	Mx	-.000903	2
100	OVP1	X	0	1
101	OVP1	Z	7.897	1
102	OVP1	Mx	0	1
103	OVP2	X	0	1
104	OVP2	Z	9.737	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.76	.25
2	MP3A	Z	8.245	.25
3	MP3A	Mx	.007	.25
4	MP3A	X	-4.76	6
5	MP3A	Z	8.245	6
6	MP3A	Mx	.007	6
7	MP3B	X	-3.439	.25
8	MP3B	Z	5.957	.25
9	MP3B	Mx	-.003	.25
10	MP3B	X	-3.439	6
11	MP3B	Z	5.957	6
12	MP3B	Mx	-.003	6
13	MP3C	X	-4.76	.25
14	MP3C	Z	8.245	.25
15	MP3C	Mx	-.002	.25
16	MP3C	X	-4.76	6
17	MP3C	Z	8.245	6
18	MP3C	Mx	-.002	6
19	MP3A	X	-4.76	.25
20	MP3A	Z	8.245	.25
21	MP3A	Mx	-.002	.25
22	MP3A	X	-4.76	6
23	MP3A	Z	8.245	6
24	MP3A	Mx	-.002	6
25	MP3B	X	-3.439	.25
26	MP3B	Z	5.957	.25
27	MP3B	Mx	-.003	.25
28	MP3B	X	-3.439	6
29	MP3B	Z	5.957	6
30	MP3B	Mx	-.003	6
31	MP3C	X	-4.76	.25
32	MP3C	Z	8.245	.25
33	MP3C	Mx	.007	.25
34	MP3C	X	-4.76	6
35	MP3C	Z	8.245	6
36	MP3C	Mx	.007	6
37	MP1A	X	-3.48	.25
38	MP1A	Z	6.028	.25
39	MP1A	Mx	.002	.25
40	MP1A	X	-3.48	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP1A	Z	6.028	6
42	MP1A	Mx	.002	6
43	MP1B	X	-2.907	.25
44	MP1B	Z	5.035	.25
45	MP1B	Mx	-.003	.25
46	MP1B	X	-2.907	6
47	MP1B	Z	5.035	6
48	MP1B	Mx	-.003	6
49	MP1C	X	-3.48	.25
50	MP1C	Z	6.028	.25
51	MP1C	Mx	.002	.25
52	MP1C	X	-3.48	6
53	MP1C	Z	6.028	6
54	MP1C	Mx	.002	6
55	MP4A	X	-2.54	2.13
56	MP4A	Z	4.399	2.13
57	MP4A	Mx	.001	2.13
58	MP4A	X	-2.54	4.13
59	MP4A	Z	4.399	4.13
60	MP4A	Mx	.001	4.13
61	MP4B	X	-1.173	2.13
62	MP4B	Z	2.031	2.13
63	MP4B	Mx	-.001	2.13
64	MP4B	X	-1.173	4.13
65	MP4B	Z	2.031	4.13
66	MP4B	Mx	-.001	4.13
67	MP4C	X	-2.54	2.13
68	MP4C	Z	4.399	2.13
69	MP4C	Mx	.001	2.13
70	MP4C	X	-2.54	4.13
71	MP4C	Z	4.399	4.13
72	MP4C	Mx	.001	4.13
73	MP2A	X	-1.116	3.13
74	MP2A	Z	1.932	3.13
75	MP2A	Mx	.000558	3.13
76	MP2B	X	-.639	3.13
77	MP2B	Z	1.106	3.13
78	MP2B	Mx	-.000639	3.13
79	MP2C	X	-1.116	3.13
80	MP2C	Z	1.932	3.13
81	MP2C	Mx	.000558	3.13
82	MP3A	X	-2.186	2
83	MP3A	Z	3.786	2
84	MP3A	Mx	-.000729	2
85	MP3B	X	-1.593	2
86	MP3B	Z	2.76	2
87	MP3B	Mx	.001	2
88	MP3C	X	-2.186	2
89	MP3C	Z	3.786	2
90	MP3C	Mx	-.000729	2
91	MP4A	X	-2.11	2
92	MP4A	Z	3.655	2
93	MP4A	Mx	-.000703	2
94	MP4B	X	-1.291	2
95	MP4B	Z	2.235	2
96	MP4B	Mx	.00086	2
97	MP4C	X	-2.11	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP4C	Z	3.655	2
99	MP4C	Mx	-.000703	2
100	OVP1	X	-4.255	1
101	OVP1	Z	7.37	1
102	OVP1	Mx	0	1
103	OVP2	X	-5.175	1
104	OVP2	Z	8.964	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.72	.25
2	MP3A	Z	3.88	.25
3	MP3A	Mx	.006	.25
4	MP3A	X	-6.72	6
5	MP3A	Z	3.88	6
6	MP3A	Mx	.006	6
7	MP3B	X	-6.72	.25
8	MP3B	Z	3.88	.25
9	MP3B	Mx	-.001	.25
10	MP3B	X	-6.72	6
11	MP3B	Z	3.88	6
12	MP3B	Mx	-.001	6
13	MP3C	X	-9.008	.25
14	MP3C	Z	5.201	.25
15	MP3C	Mx	-.006	.25
16	MP3C	X	-9.008	6
17	MP3C	Z	5.201	6
18	MP3C	Mx	-.006	6
19	MP3A	X	-6.72	.25
20	MP3A	Z	3.88	.25
21	MP3A	Mx	.001	.25
22	MP3A	X	-6.72	6
23	MP3A	Z	3.88	6
24	MP3A	Mx	.001	6
25	MP3B	X	-6.72	.25
26	MP3B	Z	3.88	.25
27	MP3B	Mx	-.006	.25
28	MP3B	X	-6.72	6
29	MP3B	Z	3.88	6
30	MP3B	Mx	-.006	6
31	MP3C	X	-9.008	.25
32	MP3C	Z	5.201	.25
33	MP3C	Mx	.006	.25
34	MP3C	X	-9.008	6
35	MP3C	Z	5.201	6
36	MP3C	Mx	.006	6
37	MP1A	X	-5.366	.25
38	MP1A	Z	3.098	.25
39	MP1A	Mx	.003	.25
40	MP1A	X	-5.366	6
41	MP1A	Z	3.098	6
42	MP1A	Mx	.003	6
43	MP1B	X	-5.366	.25
44	MP1B	Z	3.098	.25
45	MP1B	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1B	X	-5.366	6
47	MP1B	Z	3.098	6
48	MP1B	Mx	-.003	6
49	MP1C	X	-6.359	.25
50	MP1C	Z	3.671	.25
51	MP1C	Mx	0	.25
52	MP1C	X	-6.359	6
53	MP1C	Z	3.671	6
54	MP1C	Mx	0	6
55	MP4A	X	-2.821	2.13
56	MP4A	Z	1.628	2.13
57	MP4A	Mx	.001	2.13
58	MP4A	X	-2.821	4.13
59	MP4A	Z	1.628	4.13
60	MP4A	Mx	.001	4.13
61	MP4B	X	-2.821	2.13
62	MP4B	Z	1.628	2.13
63	MP4B	Mx	-.001	2.13
64	MP4B	X	-2.821	4.13
65	MP4B	Z	1.628	4.13
66	MP4B	Mx	-.001	4.13
67	MP4C	X	-5.188	2.13
68	MP4C	Z	2.996	2.13
69	MP4C	Mx	0	2.13
70	MP4C	X	-5.188	4.13
71	MP4C	Z	2.996	4.13
72	MP4C	Mx	0	4.13
73	MP2A	X	-1.382	3.13
74	MP2A	Z	.798	3.13
75	MP2A	Mx	.000691	3.13
76	MP2B	X	-1.382	3.13
77	MP2B	Z	.798	3.13
78	MP2B	Mx	-.000691	3.13
79	MP2C	X	-2.208	3.13
80	MP2C	Z	1.275	3.13
81	MP2C	Mx	0	3.13
82	MP3A	X	-3.102	2
83	MP3A	Z	1.791	2
84	MP3A	Mx	-.001	2
85	MP3B	X	-3.102	2
86	MP3B	Z	1.791	2
87	MP3B	Mx	.001	2
88	MP3C	X	-4.129	2
89	MP3C	Z	2.384	2
90	MP3C	Mx	0	2
91	MP4A	X	-2.709	2
92	MP4A	Z	1.564	2
93	MP4A	Mx	-.000903	2
94	MP4B	X	-2.709	2
95	MP4B	Z	1.564	2
96	MP4B	Mx	.000903	2
97	MP4C	X	-4.129	2
98	MP4C	Z	2.384	2
99	MP4C	Mx	0	2
100	OVP1	X	-8.433	1
101	OVP1	Z	4.869	1
102	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	OVP2	X	-8.433	1
104	OVP2	Z	4.869	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.879	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	.003	.25
4	MP3A	X	-6.879	6
5	MP3A	Z	0	6
6	MP3A	Mx	.003	6
7	MP3B	X	-9.521	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	.002	.25
10	MP3B	X	-9.521	6
11	MP3B	Z	0	6
12	MP3B	Mx	.002	6
13	MP3C	X	-9.521	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	-.007	.25
16	MP3C	X	-9.521	6
17	MP3C	Z	0	6
18	MP3C	Mx	-.007	6
19	MP3A	X	-6.879	.25
20	MP3A	Z	0	.25
21	MP3A	Mx	.003	.25
22	MP3A	X	-6.879	6
23	MP3A	Z	0	6
24	MP3A	Mx	.003	6
25	MP3B	X	-9.521	.25
26	MP3B	Z	0	.25
27	MP3B	Mx	-.007	.25
28	MP3B	X	-9.521	6
29	MP3B	Z	0	6
30	MP3B	Mx	-.007	6
31	MP3C	X	-9.521	.25
32	MP3C	Z	0	.25
33	MP3C	Mx	.002	.25
34	MP3C	X	-9.521	6
35	MP3C	Z	0	6
36	MP3C	Mx	.002	6
37	MP1A	X	-5.814	.25
38	MP1A	Z	0	.25
39	MP1A	Mx	.003	.25
40	MP1A	X	-5.814	6
41	MP1A	Z	0	6
42	MP1A	Mx	.003	6
43	MP1B	X	-6.96	.25
44	MP1B	Z	0	.25
45	MP1B	Mx	-.002	.25
46	MP1B	X	-6.96	6
47	MP1B	Z	0	6
48	MP1B	Mx	-.002	6
49	MP1C	X	-6.96	.25
50	MP1C	Z	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP1C	Mx	-.002	.25
52	MP1C	X	-6.96	6
53	MP1C	Z	0	6
54	MP1C	Mx	-.002	6
55	MP4A	X	-2.345	2.13
56	MP4A	Z	0	2.13
57	MP4A	Mx	.001	2.13
58	MP4A	X	-2.345	4.13
59	MP4A	Z	0	4.13
60	MP4A	Mx	.001	4.13
61	MP4B	X	-5.08	2.13
62	MP4B	Z	0	2.13
63	MP4B	Mx	-.001	2.13
64	MP4B	X	-5.08	4.13
65	MP4B	Z	0	4.13
66	MP4B	Mx	-.001	4.13
67	MP4C	X	-5.08	2.13
68	MP4C	Z	0	2.13
69	MP4C	Mx	-.001	2.13
70	MP4C	X	-5.08	4.13
71	MP4C	Z	0	4.13
72	MP4C	Mx	-.001	4.13
73	MP2A	X	-1.277	3.13
74	MP2A	Z	0	3.13
75	MP2A	Mx	.000638	3.13
76	MP2B	X	-2.231	3.13
77	MP2B	Z	0	3.13
78	MP2B	Mx	-.000558	3.13
79	MP2C	X	-2.231	3.13
80	MP2C	Z	0	3.13
81	MP2C	Mx	-.000558	3.13
82	MP3A	X	-3.187	2
83	MP3A	Z	0	2
84	MP3A	Mx	-.001	2
85	MP3B	X	-4.372	2
86	MP3B	Z	0	2
87	MP3B	Mx	.000729	2
88	MP3C	X	-4.372	2
89	MP3C	Z	0	2
90	MP3C	Mx	.000729	2
91	MP4A	X	-2.581	2
92	MP4A	Z	0	2
93	MP4A	Mx	-.00086	2
94	MP4B	X	-4.221	2
95	MP4B	Z	0	2
96	MP4B	Mx	.000704	2
97	MP4C	X	-4.221	2
98	MP4C	Z	0	2
99	MP4C	Mx	.000704	2
100	OVP1	X	-10.35	1
101	OVP1	Z	0	1
102	OVP1	Mx	0	1
103	OVP2	X	-8.51	1
104	OVP2	Z	0	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.72	.25
2	MP3A	Z	-3.88	.25
3	MP3A	Mx	.001	.25
4	MP3A	X	-6.72	6
5	MP3A	Z	-3.88	6
6	MP3A	Mx	.001	6
7	MP3B	X	-9.008	.25
8	MP3B	Z	-5.201	.25
9	MP3B	Mx	.006	.25
10	MP3B	X	-9.008	6
11	MP3B	Z	-5.201	6
12	MP3B	Mx	.006	6
13	MP3C	X	-6.72	.25
14	MP3C	Z	-3.88	.25
15	MP3C	Mx	-.006	.25
16	MP3C	X	-6.72	6
17	MP3C	Z	-3.88	6
18	MP3C	Mx	-.006	6
19	MP3A	X	-6.72	.25
20	MP3A	Z	-3.88	.25
21	MP3A	Mx	.006	.25
22	MP3A	X	-6.72	6
23	MP3A	Z	-3.88	6
24	MP3A	Mx	.006	6
25	MP3B	X	-9.008	.25
26	MP3B	Z	-5.201	.25
27	MP3B	Mx	-.006	.25
28	MP3B	X	-9.008	6
29	MP3B	Z	-5.201	6
30	MP3B	Mx	-.006	6
31	MP3C	X	-6.72	.25
32	MP3C	Z	-3.88	.25
33	MP3C	Mx	-.001	.25
34	MP3C	X	-6.72	6
35	MP3C	Z	-3.88	6
36	MP3C	Mx	-.001	6
37	MP1A	X	-5.366	.25
38	MP1A	Z	-3.098	.25
39	MP1A	Mx	.003	.25
40	MP1A	X	-5.366	6
41	MP1A	Z	-3.098	6
42	MP1A	Mx	.003	6
43	MP1B	X	-6.359	.25
44	MP1B	Z	-3.671	.25
45	MP1B	Mx	0	.25
46	MP1B	X	-6.359	6
47	MP1B	Z	-3.671	6
48	MP1B	Mx	0	6
49	MP1C	X	-5.366	.25
50	MP1C	Z	-3.098	.25
51	MP1C	Mx	-.003	.25
52	MP1C	X	-5.366	6
53	MP1C	Z	-3.098	6
54	MP1C	Mx	-.003	6
55	MP4A	X	-2.821	2.13
56	MP4A	Z	-1.628	2.13
57	MP4A	Mx	.001	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-2.821	4.13
59	MP4A	Z	-1.628	4.13
60	MP4A	Mx	.001	4.13
61	MP4B	X	-5.188	2.13
62	MP4B	Z	-2.996	2.13
63	MP4B	Mx	0	2.13
64	MP4B	X	-5.188	4.13
65	MP4B	Z	-2.996	4.13
66	MP4B	Mx	0	4.13
67	MP4C	X	-2.821	2.13
68	MP4C	Z	-1.628	2.13
69	MP4C	Mx	-.001	2.13
70	MP4C	X	-2.821	4.13
71	MP4C	Z	-1.628	4.13
72	MP4C	Mx	-.001	4.13
73	MP2A	X	-1.382	3.13
74	MP2A	Z	-.798	3.13
75	MP2A	Mx	.000691	3.13
76	MP2B	X	-2.208	3.13
77	MP2B	Z	-1.275	3.13
78	MP2B	Mx	0	3.13
79	MP2C	X	-1.382	3.13
80	MP2C	Z	-.798	3.13
81	MP2C	Mx	-.000691	3.13
82	MP3A	X	-3.102	2
83	MP3A	Z	-1.791	2
84	MP3A	Mx	-.001	2
85	MP3B	X	-4.129	2
86	MP3B	Z	-2.384	2
87	MP3B	Mx	0	2
88	MP3C	X	-3.102	2
89	MP3C	Z	-1.791	2
90	MP3C	Mx	.001	2
91	MP4A	X	-2.709	2
92	MP4A	Z	-1.564	2
93	MP4A	Mx	-.000903	2
94	MP4B	X	-4.129	2
95	MP4B	Z	-2.384	2
96	MP4B	Mx	0	2
97	MP4C	X	-2.709	2
98	MP4C	Z	-1.564	2
99	MP4C	Mx	.000903	2
100	OVP1	X	-8.433	1
101	OVP1	Z	-4.869	1
102	OVP1	Mx	0	1
103	OVP2	X	-6.839	1
104	OVP2	Z	-3.948	1
105	OVP2	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-4.76	.25
2	MP3A	Z	-8.245	.25
3	MP3A	Mx	-.002	.25
4	MP3A	X	-4.76	6
5	MP3A	Z	-8.245	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	-.002	6
7	MP3B	X	-4.76	.25
8	MP3B	Z	-8.245	.25
9	MP3B	Mx	.007	.25
10	MP3B	X	-4.76	6
11	MP3B	Z	-8.245	6
12	MP3B	Mx	.007	6
13	MP3C	X	-3.439	.25
14	MP3C	Z	-5.957	.25
15	MP3C	Mx	-.003	.25
16	MP3C	X	-3.439	6
17	MP3C	Z	-5.957	6
18	MP3C	Mx	-.003	6
19	MP3A	X	-4.76	.25
20	MP3A	Z	-8.245	.25
21	MP3A	Mx	.007	.25
22	MP3A	X	-4.76	6
23	MP3A	Z	-8.245	6
24	MP3A	Mx	.007	6
25	MP3B	X	-4.76	.25
26	MP3B	Z	-8.245	.25
27	MP3B	Mx	-.002	.25
28	MP3B	X	-4.76	6
29	MP3B	Z	-8.245	6
30	MP3B	Mx	-.002	6
31	MP3C	X	-3.439	.25
32	MP3C	Z	-5.957	.25
33	MP3C	Mx	-.003	.25
34	MP3C	X	-3.439	6
35	MP3C	Z	-5.957	6
36	MP3C	Mx	-.003	6
37	MP1A	X	-3.48	.25
38	MP1A	Z	-6.028	.25
39	MP1A	Mx	.002	.25
40	MP1A	X	-3.48	6
41	MP1A	Z	-6.028	6
42	MP1A	Mx	.002	6
43	MP1B	X	-3.48	.25
44	MP1B	Z	-6.028	.25
45	MP1B	Mx	.002	.25
46	MP1B	X	-3.48	6
47	MP1B	Z	-6.028	6
48	MP1B	Mx	.002	6
49	MP1C	X	-2.907	.25
50	MP1C	Z	-5.035	.25
51	MP1C	Mx	-.003	.25
52	MP1C	X	-2.907	6
53	MP1C	Z	-5.035	6
54	MP1C	Mx	-.003	6
55	MP4A	X	-2.54	2.13
56	MP4A	Z	-4.399	2.13
57	MP4A	Mx	.001	2.13
58	MP4A	X	-2.54	4.13
59	MP4A	Z	-4.399	4.13
60	MP4A	Mx	.001	4.13
61	MP4B	X	-2.54	2.13
62	MP4B	Z	-4.399	2.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP4B	Mx	.001	2.13
64	MP4B	X	-2.54	4.13
65	MP4B	Z	-4.399	4.13
66	MP4B	Mx	.001	4.13
67	MP4C	X	-1.173	2.13
68	MP4C	Z	-2.031	2.13
69	MP4C	Mx	-.001	2.13
70	MP4C	X	-1.173	4.13
71	MP4C	Z	-2.031	4.13
72	MP4C	Mx	-.001	4.13
73	MP2A	X	-1.116	3.13
74	MP2A	Z	-1.932	3.13
75	MP2A	Mx	.000558	3.13
76	MP2B	X	-1.116	3.13
77	MP2B	Z	-1.932	3.13
78	MP2B	Mx	.000558	3.13
79	MP2C	X	-.639	3.13
80	MP2C	Z	-1.106	3.13
81	MP2C	Mx	-.000639	3.13
82	MP3A	X	-2.186	2
83	MP3A	Z	-3.786	2
84	MP3A	Mx	-.000729	2
85	MP3B	X	-2.186	2
86	MP3B	Z	-3.786	2
87	MP3B	Mx	-.000729	2
88	MP3C	X	-1.593	2
89	MP3C	Z	-2.76	2
90	MP3C	Mx	.001	2
91	MP4A	X	-2.11	2
92	MP4A	Z	-3.655	2
93	MP4A	Mx	-.000703	2
94	MP4B	X	-2.11	2
95	MP4B	Z	-3.655	2
96	MP4B	Mx	-.000703	2
97	MP4C	X	-1.291	2
98	MP4C	Z	-2.235	2
99	MP4C	Mx	.00086	2
100	OVP1	X	-4.255	1
101	OVP1	Z	-7.37	1
102	OVP1	Mx	0	1
103	OVP2	X	-4.255	1
104	OVP2	Z	-7.37	1
105	OVP2	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M30	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M32	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-10.796	-10.796	0	%100
2	M4	Y	-15.274	-15.274	0	%100
3	M10	Y	-15.274	-15.274	0	%100
4	MP1A	Y	-9.498	-9.498	0	%100
5	M43	Y	-15.274	-15.274	0	%100
6	M46	Y	-16.029	-16.029	0	%100
7	M51B	Y	-9.401	-9.401	0	%100
8	M52B	Y	-9.401	-9.401	0	%100
9	M76	Y	-16.011	-16.011	0	%100
10	M77	Y	-16.011	-16.011	0	%100
11	M80	Y	-16.029	-16.029	0	%100
12	M84	Y	-16.011	-16.011	0	%100
13	M85	Y	-16.011	-16.011	0	%100
14	M91	Y	-16.029	-16.029	0	%100
15	MP2A	Y	-9.498	-9.498	0	%100
16	MP4A	Y	-9.498	-9.498	0	%100
17	MP3A	Y	-9.498	-9.498	0	%100
18	M34	Y	-10.796	-10.796	0	%100
19	M35	Y	-15.274	-15.274	0	%100
20	M36	Y	-15.274	-15.274	0	%100
21	MP1C	Y	-9.498	-9.498	0	%100
22	M39	Y	-15.274	-15.274	0	%100
23	M40	Y	-16.029	-16.029	0	%100
24	M43A	Y	-9.401	-9.401	0	%100
25	M44	Y	-9.401	-9.401	0	%100
26	M48	Y	-16.011	-16.011	0	%100
27	M49	Y	-16.011	-16.011	0	%100
28	M51C	Y	-16.029	-16.029	0	%100
29	M53	Y	-16.011	-16.011	0	%100
30	M54	Y	-16.011	-16.011	0	%100
31	M56	Y	-16.029	-16.029	0	%100
32	MP2C	Y	-9.498	-9.498	0	%100
33	MP4C	Y	-9.498	-9.498	0	%100
34	MP3C	Y	-9.498	-9.498	0	%100
35	M67	Y	-10.796	-10.796	0	%100
36	M68	Y	-15.274	-15.274	0	%100
37	M69	Y	-15.274	-15.274	0	%100
38	MP1B	Y	-9.498	-9.498	0	%100
39	M72	Y	-15.274	-15.274	0	%100
40	M73	Y	-16.029	-16.029	0	%100
41	M76A	Y	-9.401	-9.401	0	%100
42	M77A	Y	-9.401	-9.401	0	%100
43	M81	Y	-16.011	-16.011	0	%100
44	M82	Y	-16.011	-16.011	0	%100
45	M84A	Y	-16.029	-16.029	0	%100
46	M86	Y	-16.011	-16.011	0	%100
47	M87	Y	-16.011	-16.011	0	%100
48	M89	Y	-16.029	-16.029	0	%100
49	MP2B	Y	-9.498	-9.498	0	%100
50	MP4B	Y	-9.498	-9.498	0	%100
51	MP3B	Y	-9.498	-9.498	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,%]
52	M104	Y	-8.46	-8.46	0	%100
53	M109	Y	-8.46	-8.46	0	%100
54	M114	Y	-8.46	-8.46	0	%100
55	M121	Y	-10.869	-10.869	0	%100
56	M122	Y	-10.869	-10.869	0	%100
57	M123	Y	-10.869	-10.869	0	%100
58	OVP1	Y	-9.498	-9.498	0	%100
59	OVP2	Y	-9.498	-9.498	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	-13.751	-13.751	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-11.864	-11.864	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-11.34	-11.34	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-11.864	-11.864	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-23.665	-23.665	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-3.285	-3.285	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-3.285	-3.285	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-6.026	-6.026	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-6.347	-6.347	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-6.026	-6.026	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-6.347	-6.347	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	-11.34	-11.34	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	-11.34	-11.34	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	-11.34	-11.34	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-3.438	-3.438	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-10.516	-10.516	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-2.966	-2.966	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	-11.34	-11.34	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-2.966	-2.966	0	%100
45	M40	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,%]
46	M40	Z	-5.916	-5.916	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-3.285	-3.285	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-13.141	-13.141	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-17.749	-17.749	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-6.026	-6.026	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-6.347	-6.347	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-17.749	-17.749	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-24.103	-24.103	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	-25.387	-25.387	0	%100
63	MP2C	X	0	0	0	%100
64	MP2C	Z	-11.34	-11.34	0	%100
65	MP4C	X	0	0	0	%100
66	MP4C	Z	-11.34	-11.34	0	%100
67	MP3C	X	0	0	0	%100
68	MP3C	Z	-11.34	-11.34	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-3.438	-3.438	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-10.516	-10.516	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-2.966	-2.966	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-11.34	-11.34	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	-2.966	-2.966	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	-5.916	-5.916	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	-13.141	-13.141	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	-3.285	-3.285	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	-17.749	-17.749	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-24.103	-24.103	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-25.387	-25.387	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	-17.749	-17.749	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-6.026	-6.026	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	-6.347	-6.347	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-11.34	-11.34	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-11.34	-11.34	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-11.34	-11.34	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,%]
103	M104	X	0	0	0	%100
104	M104	Z	-9.367	-9.367	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	-2.342	-2.342	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-2.342	-2.342	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-2.827	-2.827	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-11.306	-11.306	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-2.827	-2.827	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-8.719	-8.719	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	-8.719	-8.719	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	5.157	5.157	0	%100
2	M1	Z	-8.931	-8.931	0	%100
3	M4	X	1.753	1.753	0	%100
4	M4	Z	-3.036	-3.036	0	%100
5	M10	X	4.449	4.449	0	%100
6	M10	Z	-7.706	-7.706	0	%100
7	MP1A	X	5.67	5.67	0	%100
8	MP1A	Z	-9.82	-9.82	0	%100
9	M43	X	4.449	4.449	0	%100
10	M43	Z	-7.706	-7.706	0	%100
11	M46	X	8.874	8.874	0	%100
12	M46	Z	-15.371	-15.371	0	%100
13	M51B	X	4.928	4.928	0	%100
14	M51B	Z	-8.535	-8.535	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	2.958	2.958	0	%100
18	M76	Z	-5.124	-5.124	0	%100
19	M77	X	9.039	9.039	0	%100
20	M77	Z	-15.656	-15.656	0	%100
21	M80	X	9.52	9.52	0	%100
22	M80	Z	-16.49	-16.49	0	%100
23	M84	X	2.958	2.958	0	%100
24	M84	Z	-5.124	-5.124	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	5.67	5.67	0	%100
30	MP2A	Z	-9.82	-9.82	0	%100
31	MP4A	X	5.67	5.67	0	%100
32	MP4A	Z	-9.82	-9.82	0	%100
33	MP3A	X	5.67	5.67	0	%100
34	MP3A	Z	-9.82	-9.82	0	%100
35	M34	X	5.157	5.157	0	%100
36	M34	Z	-8.931	-8.931	0	%100
37	M35	X	1.753	1.753	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,%]
38	M35	Z	-3.036	-3.036	0	%100
39	M36	X	4.449	4.449	0	%100
40	M36	Z	-7.706	-7.706	0	%100
41	MP1C	X	5.67	5.67	0	%100
42	MP1C	Z	-9.82	-9.82	0	%100
43	M39	X	4.449	4.449	0	%100
44	M39	Z	-7.706	-7.706	0	%100
45	M40	X	8.874	8.874	0	%100
46	M40	Z	-15.371	-15.371	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	4.928	4.928	0	%100
50	M44	Z	-8.535	-8.535	0	%100
51	M48	X	2.958	2.958	0	%100
52	M48	Z	-5.124	-5.124	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	2.958	2.958	0	%100
58	M53	Z	-5.124	-5.124	0	%100
59	M54	X	9.039	9.039	0	%100
60	M54	Z	-15.656	-15.656	0	%100
61	M56	X	9.52	9.52	0	%100
62	M56	Z	-16.49	-16.49	0	%100
63	MP2C	X	5.67	5.67	0	%100
64	MP2C	Z	-9.82	-9.82	0	%100
65	MP4C	X	5.67	5.67	0	%100
66	MP4C	Z	-9.82	-9.82	0	%100
67	MP3C	X	5.67	5.67	0	%100
68	MP3C	Z	-9.82	-9.82	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	7.011	7.011	0	%100
72	M68	Z	-12.143	-12.143	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	5.67	5.67	0	%100
76	MP1B	Z	-9.82	-9.82	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	4.928	4.928	0	%100
82	M76A	Z	-8.535	-8.535	0	%100
83	M77A	X	4.928	4.928	0	%100
84	M77A	Z	-8.535	-8.535	0	%100
85	M81	X	11.833	11.833	0	%100
86	M81	Z	-20.495	-20.495	0	%100
87	M82	X	9.039	9.039	0	%100
88	M82	Z	-15.656	-15.656	0	%100
89	M84A	X	9.52	9.52	0	%100
90	M84A	Z	-16.49	-16.49	0	%100
91	M86	X	11.833	11.833	0	%100
92	M86	Z	-20.495	-20.495	0	%100
93	M87	X	9.039	9.039	0	%100
94	M87	Z	-15.656	-15.656	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,%]
95	M89	X	9.52	9.52	0	%100
96	M89	Z	-16.49	-16.49	0	%100
97	MP2B	X	5.67	5.67	0	%100
98	MP2B	Z	-9.82	-9.82	0	%100
99	MP4B	X	5.67	5.67	0	%100
100	MP4B	Z	-9.82	-9.82	0	%100
101	MP3B	X	5.67	5.67	0	%100
102	MP3B	Z	-9.82	-9.82	0	%100
103	M104	X	3.513	3.513	0	%100
104	M104	Z	-6.084	-6.084	0	%100
105	M109	X	3.513	3.513	0	%100
106	M109	Z	-6.084	-6.084	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	4.24	4.24	0	%100
110	M121	Z	-7.344	-7.344	0	%100
111	M122	X	4.24	4.24	0	%100
112	M122	Z	-7.344	-7.344	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	4.36	4.36	0	%100
116	OVP1	Z	-7.551	-7.551	0	%100
117	OVP2	X	4.36	4.36	0	%100
118	OVP2	Z	-7.551	-7.551	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	2.977	2.977	0	%100
2	M1	Z	-1.719	-1.719	0	%100
3	M4	X	9.107	9.107	0	%100
4	M4	Z	-5.258	-5.258	0	%100
5	M10	X	2.569	2.569	0	%100
6	M10	Z	-1.483	-1.483	0	%100
7	MP1A	X	9.82	9.82	0	%100
8	MP1A	Z	-5.67	-5.67	0	%100
9	M43	X	2.569	2.569	0	%100
10	M43	Z	-1.483	-1.483	0	%100
11	M46	X	5.124	5.124	0	%100
12	M46	Z	-2.958	-2.958	0	%100
13	M51B	X	11.38	11.38	0	%100
14	M51B	Z	-6.57	-6.57	0	%100
15	M52B	X	2.845	2.845	0	%100
16	M52B	Z	-1.643	-1.643	0	%100
17	M76	X	15.371	15.371	0	%100
18	M76	Z	-8.874	-8.874	0	%100
19	M77	X	20.874	20.874	0	%100
20	M77	Z	-12.052	-12.052	0	%100
21	M80	X	21.986	21.986	0	%100
22	M80	Z	-12.694	-12.694	0	%100
23	M84	X	15.371	15.371	0	%100
24	M84	Z	-8.874	-8.874	0	%100
25	M85	X	5.219	5.219	0	%100
26	M85	Z	-3.013	-3.013	0	%100
27	M91	X	5.497	5.497	0	%100
28	M91	Z	-3.173	-3.173	0	%100
29	MP2A	X	9.82	9.82	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,%]
30	MP2A	Z	-5.67	-5.67	0	%100
31	MP4A	X	9.82	9.82	0	%100
32	MP4A	Z	-5.67	-5.67	0	%100
33	MP3A	X	9.82	9.82	0	%100
34	MP3A	Z	-5.67	-5.67	0	%100
35	M34	X	11.909	11.909	0	%100
36	M34	Z	-6.875	-6.875	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	10.275	10.275	0	%100
40	M36	Z	-5.932	-5.932	0	%100
41	MP1C	X	9.82	9.82	0	%100
42	MP1C	Z	-5.67	-5.67	0	%100
43	M39	X	10.275	10.275	0	%100
44	M39	Z	-5.932	-5.932	0	%100
45	M40	X	20.495	20.495	0	%100
46	M40	Z	-11.833	-11.833	0	%100
47	M43A	X	2.845	2.845	0	%100
48	M43A	Z	-1.643	-1.643	0	%100
49	M44	X	2.845	2.845	0	%100
50	M44	Z	-1.643	-1.643	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	5.219	5.219	0	%100
54	M49	Z	-3.013	-3.013	0	%100
55	M51C	X	5.497	5.497	0	%100
56	M51C	Z	-3.173	-3.173	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	5.219	5.219	0	%100
60	M54	Z	-3.013	-3.013	0	%100
61	M56	X	5.497	5.497	0	%100
62	M56	Z	-3.173	-3.173	0	%100
63	MP2C	X	9.82	9.82	0	%100
64	MP2C	Z	-5.67	-5.67	0	%100
65	MP4C	X	9.82	9.82	0	%100
66	MP4C	Z	-5.67	-5.67	0	%100
67	MP3C	X	9.82	9.82	0	%100
68	MP3C	Z	-5.67	-5.67	0	%100
69	M67	X	2.977	2.977	0	%100
70	M67	Z	-1.719	-1.719	0	%100
71	M68	X	9.107	9.107	0	%100
72	M68	Z	-5.258	-5.258	0	%100
73	M69	X	2.569	2.569	0	%100
74	M69	Z	-1.483	-1.483	0	%100
75	MP1B	X	9.82	9.82	0	%100
76	MP1B	Z	-5.67	-5.67	0	%100
77	M72	X	2.569	2.569	0	%100
78	M72	Z	-1.483	-1.483	0	%100
79	M73	X	5.124	5.124	0	%100
80	M73	Z	-2.958	-2.958	0	%100
81	M76A	X	2.845	2.845	0	%100
82	M76A	Z	-1.643	-1.643	0	%100
83	M77A	X	11.38	11.38	0	%100
84	M77A	Z	-6.57	-6.57	0	%100
85	M81	X	15.371	15.371	0	%100
86	M81	Z	-8.874	-8.874	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,%]
87	M82	X	5.219	5.219	0	%100
88	M82	Z	-3.013	-3.013	0	%100
89	M84A	X	5.497	5.497	0	%100
90	M84A	Z	-3.173	-3.173	0	%100
91	M86	X	15.371	15.371	0	%100
92	M86	Z	-8.874	-8.874	0	%100
93	M87	X	20.874	20.874	0	%100
94	M87	Z	-12.052	-12.052	0	%100
95	M89	X	21.986	21.986	0	%100
96	M89	Z	-12.694	-12.694	0	%100
97	MP2B	X	9.82	9.82	0	%100
98	MP2B	Z	-5.67	-5.67	0	%100
99	MP4B	X	9.82	9.82	0	%100
100	MP4B	Z	-5.67	-5.67	0	%100
101	MP3B	X	9.82	9.82	0	%100
102	MP3B	Z	-5.67	-5.67	0	%100
103	M104	X	2.028	2.028	0	%100
104	M104	Z	-1.171	-1.171	0	%100
105	M109	X	8.112	8.112	0	%100
106	M109	Z	-4.684	-4.684	0	%100
107	M114	X	2.028	2.028	0	%100
108	M114	Z	-1.171	-1.171	0	%100
109	M121	X	9.792	9.792	0	%100
110	M121	Z	-5.653	-5.653	0	%100
111	M122	X	2.448	2.448	0	%100
112	M122	Z	-1.413	-1.413	0	%100
113	M123	X	2.448	2.448	0	%100
114	M123	Z	-1.413	-1.413	0	%100
115	OVP1	X	7.551	7.551	0	%100
116	OVP1	Z	-4.36	-4.36	0	%100
117	OVP2	X	7.551	7.551	0	%100
118	OVP2	Z	-4.36	-4.36	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	14.021	14.021	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	11.34	11.34	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	9.856	9.856	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	9.856	9.856	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	23.665	23.665	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	18.077	18.077	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	19.041	19.041	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,%]
22	M80	Z	0	0	0	%100
23	M84	X	23.665	23.665	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	18.077	18.077	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	19.041	19.041	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	11.34	11.34	0	%100
30	MP2A	Z	0	0	0	%100
31	MP4A	X	11.34	11.34	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	11.34	11.34	0	%100
34	MP3A	Z	0	0	0	%100
35	M34	X	10.313	10.313	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	3.505	3.505	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	8.898	8.898	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	11.34	11.34	0	%100
42	MP1C	Z	0	0	0	%100
43	M39	X	8.898	8.898	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	17.749	17.749	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	9.856	9.856	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M48	X	5.916	5.916	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	18.077	18.077	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	19.041	19.041	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	5.916	5.916	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	MP2C	X	11.34	11.34	0	%100
64	MP2C	Z	0	0	0	%100
65	MP4C	X	11.34	11.34	0	%100
66	MP4C	Z	0	0	0	%100
67	MP3C	X	11.34	11.34	0	%100
68	MP3C	Z	0	0	0	%100
69	M67	X	10.313	10.313	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	3.505	3.505	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	8.898	8.898	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	11.34	11.34	0	%100
76	MP1B	Z	0	0	0	%100
77	M72	X	8.898	8.898	0	%100
78	M72	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,%]
79	M73	X	17.749	17.749	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	0	0	0	%100
83	M77A	X	9.856	9.856	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	5.916	5.916	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M86	X	5.916	5.916	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	18.077	18.077	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	19.041	19.041	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	11.34	11.34	0	%100
98	MP2B	Z	0	0	0	%100
99	MP4B	X	11.34	11.34	0	%100
100	MP4B	Z	0	0	0	%100
101	MP3B	X	11.34	11.34	0	%100
102	MP3B	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M109	X	7.026	7.026	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	7.026	7.026	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	8.48	8.48	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	8.48	8.48	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	8.719	8.719	0	%100
116	OVP1	Z	0	0	0	%100
117	OVP2	X	8.719	8.719	0	%100
118	OVP2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.977	2.977	0	%100
2	M1	Z	1.719	1.719	0	%100
3	M4	X	9.107	9.107	0	%100
4	M4	Z	5.258	5.258	0	%100
5	M10	X	2.569	2.569	0	%100
6	M10	Z	1.483	1.483	0	%100
7	MP1A	X	9.82	9.82	0	%100
8	MP1A	Z	5.67	5.67	0	%100
9	M43	X	2.569	2.569	0	%100
10	M43	Z	1.483	1.483	0	%100
11	M46	X	5.124	5.124	0	%100
12	M46	Z	2.958	2.958	0	%100
13	M51B	X	2.845	2.845	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,%]
14	M51B	Z	1.643	1.643	0	%100
15	M52B	X	11.38	11.38	0	%100
16	M52B	Z	6.57	6.57	0	%100
17	M76	X	15.371	15.371	0	%100
18	M76	Z	8.874	8.874	0	%100
19	M77	X	5.219	5.219	0	%100
20	M77	Z	3.013	3.013	0	%100
21	M80	X	5.497	5.497	0	%100
22	M80	Z	3.173	3.173	0	%100
23	M84	X	15.371	15.371	0	%100
24	M84	Z	8.874	8.874	0	%100
25	M85	X	20.874	20.874	0	%100
26	M85	Z	12.052	12.052	0	%100
27	M91	X	21.986	21.986	0	%100
28	M91	Z	12.694	12.694	0	%100
29	MP2A	X	9.82	9.82	0	%100
30	MP2A	Z	5.67	5.67	0	%100
31	MP4A	X	9.82	9.82	0	%100
32	MP4A	Z	5.67	5.67	0	%100
33	MP3A	X	9.82	9.82	0	%100
34	MP3A	Z	5.67	5.67	0	%100
35	M34	X	2.977	2.977	0	%100
36	M34	Z	1.719	1.719	0	%100
37	M35	X	9.107	9.107	0	%100
38	M35	Z	5.258	5.258	0	%100
39	M36	X	2.569	2.569	0	%100
40	M36	Z	1.483	1.483	0	%100
41	MP1C	X	9.82	9.82	0	%100
42	MP1C	Z	5.67	5.67	0	%100
43	M39	X	2.569	2.569	0	%100
44	M39	Z	1.483	1.483	0	%100
45	M40	X	5.124	5.124	0	%100
46	M40	Z	2.958	2.958	0	%100
47	M43A	X	11.38	11.38	0	%100
48	M43A	Z	6.57	6.57	0	%100
49	M44	X	2.845	2.845	0	%100
50	M44	Z	1.643	1.643	0	%100
51	M48	X	15.371	15.371	0	%100
52	M48	Z	8.874	8.874	0	%100
53	M49	X	20.874	20.874	0	%100
54	M49	Z	12.052	12.052	0	%100
55	M51C	X	21.986	21.986	0	%100
56	M51C	Z	12.694	12.694	0	%100
57	M53	X	15.371	15.371	0	%100
58	M53	Z	8.874	8.874	0	%100
59	M54	X	5.219	5.219	0	%100
60	M54	Z	3.013	3.013	0	%100
61	M56	X	5.497	5.497	0	%100
62	M56	Z	3.173	3.173	0	%100
63	MP2C	X	9.82	9.82	0	%100
64	MP2C	Z	5.67	5.67	0	%100
65	MP4C	X	9.82	9.82	0	%100
66	MP4C	Z	5.67	5.67	0	%100
67	MP3C	X	9.82	9.82	0	%100
68	MP3C	Z	5.67	5.67	0	%100
69	M67	X	11.909	11.909	0	%100
70	M67	Z	6.875	6.875	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,%]
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	10.275	10.275	0	%100
74	M69	Z	5.932	5.932	0	%100
75	MP1B	X	9.82	9.82	0	%100
76	MP1B	Z	5.67	5.67	0	%100
77	M72	X	10.275	10.275	0	%100
78	M72	Z	5.932	5.932	0	%100
79	M73	X	20.495	20.495	0	%100
80	M73	Z	11.833	11.833	0	%100
81	M76A	X	2.845	2.845	0	%100
82	M76A	Z	1.643	1.643	0	%100
83	M77A	X	2.845	2.845	0	%100
84	M77A	Z	1.643	1.643	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	5.219	5.219	0	%100
88	M82	Z	3.013	3.013	0	%100
89	M84A	X	5.497	5.497	0	%100
90	M84A	Z	3.173	3.173	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	5.219	5.219	0	%100
94	M87	Z	3.013	3.013	0	%100
95	M89	X	5.497	5.497	0	%100
96	M89	Z	3.173	3.173	0	%100
97	MP2B	X	9.82	9.82	0	%100
98	MP2B	Z	5.67	5.67	0	%100
99	MP4B	X	9.82	9.82	0	%100
100	MP4B	Z	5.67	5.67	0	%100
101	MP3B	X	9.82	9.82	0	%100
102	MP3B	Z	5.67	5.67	0	%100
103	M104	X	2.028	2.028	0	%100
104	M104	Z	1.171	1.171	0	%100
105	M109	X	2.028	2.028	0	%100
106	M109	Z	1.171	1.171	0	%100
107	M114	X	8.112	8.112	0	%100
108	M114	Z	4.684	4.684	0	%100
109	M121	X	2.448	2.448	0	%100
110	M121	Z	1.413	1.413	0	%100
111	M122	X	2.448	2.448	0	%100
112	M122	Z	1.413	1.413	0	%100
113	M123	X	9.792	9.792	0	%100
114	M123	Z	5.653	5.653	0	%100
115	OVP1	X	7.551	7.551	0	%100
116	OVP1	Z	4.36	4.36	0	%100
117	OVP2	X	7.551	7.551	0	%100
118	OVP2	Z	4.36	4.36	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	5.157	5.157	0	%100
2	M1	Z	8.931	8.931	0	%100
3	M4	X	1.753	1.753	0	%100
4	M4	Z	3.036	3.036	0	%100
5	M10	X	4.449	4.449	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,%]
6	M10	Z	7.706	7.706	0	%100
7	MP1A	X	5.67	5.67	0	%100
8	MP1A	Z	9.82	9.82	0	%100
9	M43	X	4.449	4.449	0	%100
10	M43	Z	7.706	7.706	0	%100
11	M46	X	8.874	8.874	0	%100
12	M46	Z	15.371	15.371	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	4.928	4.928	0	%100
16	M52B	Z	8.535	8.535	0	%100
17	M76	X	2.958	2.958	0	%100
18	M76	Z	5.124	5.124	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	2.958	2.958	0	%100
24	M84	Z	5.124	5.124	0	%100
25	M85	X	9.039	9.039	0	%100
26	M85	Z	15.656	15.656	0	%100
27	M91	X	9.52	9.52	0	%100
28	M91	Z	16.49	16.49	0	%100
29	MP2A	X	5.67	5.67	0	%100
30	MP2A	Z	9.82	9.82	0	%100
31	MP4A	X	5.67	5.67	0	%100
32	MP4A	Z	9.82	9.82	0	%100
33	MP3A	X	5.67	5.67	0	%100
34	MP3A	Z	9.82	9.82	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	7.011	7.011	0	%100
38	M35	Z	12.143	12.143	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	5.67	5.67	0	%100
42	MP1C	Z	9.82	9.82	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	4.928	4.928	0	%100
48	M43A	Z	8.535	8.535	0	%100
49	M44	X	4.928	4.928	0	%100
50	M44	Z	8.535	8.535	0	%100
51	M48	X	11.833	11.833	0	%100
52	M48	Z	20.495	20.495	0	%100
53	M49	X	9.039	9.039	0	%100
54	M49	Z	15.656	15.656	0	%100
55	M51C	X	9.52	9.52	0	%100
56	M51C	Z	16.49	16.49	0	%100
57	M53	X	11.833	11.833	0	%100
58	M53	Z	20.495	20.495	0	%100
59	M54	X	9.039	9.039	0	%100
60	M54	Z	15.656	15.656	0	%100
61	M56	X	9.52	9.52	0	%100
62	M56	Z	16.49	16.49	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,%]
63	MP2C	X	5.67	5.67	0	%100
64	MP2C	Z	9.82	9.82	0	%100
65	MP4C	X	5.67	5.67	0	%100
66	MP4C	Z	9.82	9.82	0	%100
67	MP3C	X	5.67	5.67	0	%100
68	MP3C	Z	9.82	9.82	0	%100
69	M67	X	5.157	5.157	0	%100
70	M67	Z	8.931	8.931	0	%100
71	M68	X	1.753	1.753	0	%100
72	M68	Z	3.036	3.036	0	%100
73	M69	X	4.449	4.449	0	%100
74	M69	Z	7.706	7.706	0	%100
75	MP1B	X	5.67	5.67	0	%100
76	MP1B	Z	9.82	9.82	0	%100
77	M72	X	4.449	4.449	0	%100
78	M72	Z	7.706	7.706	0	%100
79	M73	X	8.874	8.874	0	%100
80	M73	Z	15.371	15.371	0	%100
81	M76A	X	4.928	4.928	0	%100
82	M76A	Z	8.535	8.535	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	2.958	2.958	0	%100
86	M81	Z	5.124	5.124	0	%100
87	M82	X	9.039	9.039	0	%100
88	M82	Z	15.656	15.656	0	%100
89	M84A	X	9.52	9.52	0	%100
90	M84A	Z	16.49	16.49	0	%100
91	M86	X	2.958	2.958	0	%100
92	M86	Z	5.124	5.124	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	5.67	5.67	0	%100
98	MP2B	Z	9.82	9.82	0	%100
99	MP4B	X	5.67	5.67	0	%100
100	MP4B	Z	9.82	9.82	0	%100
101	MP3B	X	5.67	5.67	0	%100
102	MP3B	Z	9.82	9.82	0	%100
103	M104	X	3.513	3.513	0	%100
104	M104	Z	6.084	6.084	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	3.513	3.513	0	%100
108	M114	Z	6.084	6.084	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	4.24	4.24	0	%100
112	M122	Z	7.344	7.344	0	%100
113	M123	X	4.24	4.24	0	%100
114	M123	Z	7.344	7.344	0	%100
115	OVP1	X	4.36	4.36	0	%100
116	OVP1	Z	7.551	7.551	0	%100
117	OVP2	X	4.36	4.36	0	%100
118	OVP2	Z	7.551	7.551	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	13.751	13.751	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	11.864	11.864	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	11.34	11.34	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	11.864	11.864	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	23.665	23.665	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	3.285	3.285	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	3.285	3.285	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	6.026	6.026	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	6.347	6.347	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	6.026	6.026	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	6.347	6.347	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	11.34	11.34	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	11.34	11.34	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	11.34	11.34	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	3.438	3.438	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	10.516	10.516	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	2.966	2.966	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	11.34	11.34	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	2.966	2.966	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	5.916	5.916	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	3.285	3.285	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	13.141	13.141	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	17.749	17.749	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	6.026	6.026	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	6.347	6.347	0	%100
57	M53	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,%]
58	M53	Z	17.749	17.749	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	24.103	24.103	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	25.387	25.387	0	%100
63	MP2C	X	0	0	0	%100
64	MP2C	Z	11.34	11.34	0	%100
65	MP4C	X	0	0	0	%100
66	MP4C	Z	11.34	11.34	0	%100
67	MP3C	X	0	0	0	%100
68	MP3C	Z	11.34	11.34	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	3.438	3.438	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	10.516	10.516	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	2.966	2.966	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	11.34	11.34	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	2.966	2.966	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	5.916	5.916	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	13.141	13.141	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	3.285	3.285	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	17.749	17.749	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	24.103	24.103	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	25.387	25.387	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	17.749	17.749	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	6.026	6.026	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	6.347	6.347	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	11.34	11.34	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	11.34	11.34	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	11.34	11.34	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	9.367	9.367	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	2.342	2.342	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	2.342	2.342	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	2.827	2.827	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	11.306	11.306	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	2.827	2.827	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,%]
115	OVP1	X	0	0	0	%100
116	OVP1	Z	8.719	8.719	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	8.719	8.719	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	-5.157	-5.157	0	%100
2	M1	Z	8.931	8.931	0	%100
3	M4	X	-1.753	-1.753	0	%100
4	M4	Z	3.036	3.036	0	%100
5	M10	X	-4.449	-4.449	0	%100
6	M10	Z	7.706	7.706	0	%100
7	MP1A	X	-5.67	-5.67	0	%100
8	MP1A	Z	9.82	9.82	0	%100
9	M43	X	-4.449	-4.449	0	%100
10	M43	Z	7.706	7.706	0	%100
11	M46	X	-8.874	-8.874	0	%100
12	M46	Z	15.371	15.371	0	%100
13	M51B	X	-4.928	-4.928	0	%100
14	M51B	Z	8.535	8.535	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-2.958	-2.958	0	%100
18	M76	Z	5.124	5.124	0	%100
19	M77	X	-9.039	-9.039	0	%100
20	M77	Z	15.656	15.656	0	%100
21	M80	X	-9.52	-9.52	0	%100
22	M80	Z	16.49	16.49	0	%100
23	M84	X	-2.958	-2.958	0	%100
24	M84	Z	5.124	5.124	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	-5.67	-5.67	0	%100
30	MP2A	Z	9.82	9.82	0	%100
31	MP4A	X	-5.67	-5.67	0	%100
32	MP4A	Z	9.82	9.82	0	%100
33	MP3A	X	-5.67	-5.67	0	%100
34	MP3A	Z	9.82	9.82	0	%100
35	M34	X	-5.157	-5.157	0	%100
36	M34	Z	8.931	8.931	0	%100
37	M35	X	-1.753	-1.753	0	%100
38	M35	Z	3.036	3.036	0	%100
39	M36	X	-4.449	-4.449	0	%100
40	M36	Z	7.706	7.706	0	%100
41	MP1C	X	-5.67	-5.67	0	%100
42	MP1C	Z	9.82	9.82	0	%100
43	M39	X	-4.449	-4.449	0	%100
44	M39	Z	7.706	7.706	0	%100
45	M40	X	-8.874	-8.874	0	%100
46	M40	Z	15.371	15.371	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	-4.928	-4.928	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,%]
50	M44	Z	8.535	8.535	0	%100
51	M48	X	-2.958	-2.958	0	%100
52	M48	Z	5.124	5.124	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	-2.958	-2.958	0	%100
58	M53	Z	5.124	5.124	0	%100
59	M54	X	-9.039	-9.039	0	%100
60	M54	Z	15.656	15.656	0	%100
61	M56	X	-9.52	-9.52	0	%100
62	M56	Z	16.49	16.49	0	%100
63	MP2C	X	-5.67	-5.67	0	%100
64	MP2C	Z	9.82	9.82	0	%100
65	MP4C	X	-5.67	-5.67	0	%100
66	MP4C	Z	9.82	9.82	0	%100
67	MP3C	X	-5.67	-5.67	0	%100
68	MP3C	Z	9.82	9.82	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	-7.011	-7.011	0	%100
72	M68	Z	12.143	12.143	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	-5.67	-5.67	0	%100
76	MP1B	Z	9.82	9.82	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	-4.928	-4.928	0	%100
82	M76A	Z	8.535	8.535	0	%100
83	M77A	X	-4.928	-4.928	0	%100
84	M77A	Z	8.535	8.535	0	%100
85	M81	X	-11.833	-11.833	0	%100
86	M81	Z	20.495	20.495	0	%100
87	M82	X	-9.039	-9.039	0	%100
88	M82	Z	15.656	15.656	0	%100
89	M84A	X	-9.52	-9.52	0	%100
90	M84A	Z	16.49	16.49	0	%100
91	M86	X	-11.833	-11.833	0	%100
92	M86	Z	20.495	20.495	0	%100
93	M87	X	-9.039	-9.039	0	%100
94	M87	Z	15.656	15.656	0	%100
95	M89	X	-9.52	-9.52	0	%100
96	M89	Z	16.49	16.49	0	%100
97	MP2B	X	-5.67	-5.67	0	%100
98	MP2B	Z	9.82	9.82	0	%100
99	MP4B	X	-5.67	-5.67	0	%100
100	MP4B	Z	9.82	9.82	0	%100
101	MP3B	X	-5.67	-5.67	0	%100
102	MP3B	Z	9.82	9.82	0	%100
103	M104	X	-3.513	-3.513	0	%100
104	M104	Z	6.084	6.084	0	%100
105	M109	X	-3.513	-3.513	0	%100
106	M109	Z	6.084	6.084	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,%]
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-4.24	-4.24	0	%100
110	M121	Z	7.344	7.344	0	%100
111	M122	X	-4.24	-4.24	0	%100
112	M122	Z	7.344	7.344	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	-4.36	-4.36	0	%100
116	OVP1	Z	7.551	7.551	0	%100
117	OVP2	X	-4.36	-4.36	0	%100
118	OVP2	Z	7.551	7.551	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	-2.977	-2.977	0	%100
2	M1	Z	1.719	1.719	0	%100
3	M4	X	-9.107	-9.107	0	%100
4	M4	Z	5.258	5.258	0	%100
5	M10	X	-2.569	-2.569	0	%100
6	M10	Z	1.483	1.483	0	%100
7	MP1A	X	-9.82	-9.82	0	%100
8	MP1A	Z	5.67	5.67	0	%100
9	M43	X	-2.569	-2.569	0	%100
10	M43	Z	1.483	1.483	0	%100
11	M46	X	-5.124	-5.124	0	%100
12	M46	Z	2.958	2.958	0	%100
13	M51B	X	-11.38	-11.38	0	%100
14	M51B	Z	6.57	6.57	0	%100
15	M52B	X	-2.845	-2.845	0	%100
16	M52B	Z	1.643	1.643	0	%100
17	M76	X	-15.371	-15.371	0	%100
18	M76	Z	8.874	8.874	0	%100
19	M77	X	-20.874	-20.874	0	%100
20	M77	Z	12.052	12.052	0	%100
21	M80	X	-21.986	-21.986	0	%100
22	M80	Z	12.694	12.694	0	%100
23	M84	X	-15.371	-15.371	0	%100
24	M84	Z	8.874	8.874	0	%100
25	M85	X	-5.219	-5.219	0	%100
26	M85	Z	3.013	3.013	0	%100
27	M91	X	-5.497	-5.497	0	%100
28	M91	Z	3.173	3.173	0	%100
29	MP2A	X	-9.82	-9.82	0	%100
30	MP2A	Z	5.67	5.67	0	%100
31	MP4A	X	-9.82	-9.82	0	%100
32	MP4A	Z	5.67	5.67	0	%100
33	MP3A	X	-9.82	-9.82	0	%100
34	MP3A	Z	5.67	5.67	0	%100
35	M34	X	-11.909	-11.909	0	%100
36	M34	Z	6.875	6.875	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-10.275	-10.275	0	%100
40	M36	Z	5.932	5.932	0	%100
41	MP1C	X	-9.82	-9.82	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,%]
42	MP1C	Z	5.67	5.67	0	%100
43	M39	X	-10.275	-10.275	0	%100
44	M39	Z	5.932	5.932	0	%100
45	M40	X	-20.495	-20.495	0	%100
46	M40	Z	11.833	11.833	0	%100
47	M43A	X	-2.845	-2.845	0	%100
48	M43A	Z	1.643	1.643	0	%100
49	M44	X	-2.845	-2.845	0	%100
50	M44	Z	1.643	1.643	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-5.219	-5.219	0	%100
54	M49	Z	3.013	3.013	0	%100
55	M51C	X	-5.497	-5.497	0	%100
56	M51C	Z	3.173	3.173	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-5.219	-5.219	0	%100
60	M54	Z	3.013	3.013	0	%100
61	M56	X	-5.497	-5.497	0	%100
62	M56	Z	3.173	3.173	0	%100
63	MP2C	X	-9.82	-9.82	0	%100
64	MP2C	Z	5.67	5.67	0	%100
65	MP4C	X	-9.82	-9.82	0	%100
66	MP4C	Z	5.67	5.67	0	%100
67	MP3C	X	-9.82	-9.82	0	%100
68	MP3C	Z	5.67	5.67	0	%100
69	M67	X	-2.977	-2.977	0	%100
70	M67	Z	1.719	1.719	0	%100
71	M68	X	-9.107	-9.107	0	%100
72	M68	Z	5.258	5.258	0	%100
73	M69	X	-2.569	-2.569	0	%100
74	M69	Z	1.483	1.483	0	%100
75	MP1B	X	-9.82	-9.82	0	%100
76	MP1B	Z	5.67	5.67	0	%100
77	M72	X	-2.569	-2.569	0	%100
78	M72	Z	1.483	1.483	0	%100
79	M73	X	-5.124	-5.124	0	%100
80	M73	Z	2.958	2.958	0	%100
81	M76A	X	-2.845	-2.845	0	%100
82	M76A	Z	1.643	1.643	0	%100
83	M77A	X	-11.38	-11.38	0	%100
84	M77A	Z	6.57	6.57	0	%100
85	M81	X	-15.371	-15.371	0	%100
86	M81	Z	8.874	8.874	0	%100
87	M82	X	-5.219	-5.219	0	%100
88	M82	Z	3.013	3.013	0	%100
89	M84A	X	-5.497	-5.497	0	%100
90	M84A	Z	3.173	3.173	0	%100
91	M86	X	-15.371	-15.371	0	%100
92	M86	Z	8.874	8.874	0	%100
93	M87	X	-20.874	-20.874	0	%100
94	M87	Z	12.052	12.052	0	%100
95	M89	X	-21.986	-21.986	0	%100
96	M89	Z	12.694	12.694	0	%100
97	MP2B	X	-9.82	-9.82	0	%100
98	MP2B	Z	5.67	5.67	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,%]
99	MP4B	X	-9.82	-9.82	0	%100
100	MP4B	Z	5.67	5.67	0	%100
101	MP3B	X	-9.82	-9.82	0	%100
102	MP3B	Z	5.67	5.67	0	%100
103	M104	X	-2.028	-2.028	0	%100
104	M104	Z	1.171	1.171	0	%100
105	M109	X	-8.112	-8.112	0	%100
106	M109	Z	4.684	4.684	0	%100
107	M114	X	-2.028	-2.028	0	%100
108	M114	Z	1.171	1.171	0	%100
109	M121	X	-9.792	-9.792	0	%100
110	M121	Z	5.653	5.653	0	%100
111	M122	X	-2.448	-2.448	0	%100
112	M122	Z	1.413	1.413	0	%100
113	M123	X	-2.448	-2.448	0	%100
114	M123	Z	1.413	1.413	0	%100
115	OVP1	X	-7.551	-7.551	0	%100
116	OVP1	Z	4.36	4.36	0	%100
117	OVP2	X	-7.551	-7.551	0	%100
118	OVP2	Z	4.36	4.36	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-14.021	-14.021	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-11.34	-11.34	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-9.856	-9.856	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-9.856	-9.856	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-23.665	-23.665	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-18.077	-18.077	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-19.041	-19.041	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-23.665	-23.665	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-18.077	-18.077	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-19.041	-19.041	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	-11.34	-11.34	0	%100
30	MP2A	Z	0	0	0	%100
31	MP4A	X	-11.34	-11.34	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	-11.34	-11.34	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,%]
34	MP3A	Z	0	0	0	%100
35	M34	X	-10.313	-10.313	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-3.505	-3.505	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-8.898	-8.898	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	-11.34	-11.34	0	%100
42	MP1C	Z	0	0	0	%100
43	M39	X	-8.898	-8.898	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-17.749	-17.749	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	-9.856	-9.856	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M48	X	-5.916	-5.916	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-18.077	-18.077	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	-19.041	-19.041	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	-5.916	-5.916	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	MP2C	X	-11.34	-11.34	0	%100
64	MP2C	Z	0	0	0	%100
65	MP4C	X	-11.34	-11.34	0	%100
66	MP4C	Z	0	0	0	%100
67	MP3C	X	-11.34	-11.34	0	%100
68	MP3C	Z	0	0	0	%100
69	M67	X	-10.313	-10.313	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	-3.505	-3.505	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	-8.898	-8.898	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	-11.34	-11.34	0	%100
76	MP1B	Z	0	0	0	%100
77	M72	X	-8.898	-8.898	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	-17.749	-17.749	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	0	0	0	%100
83	M77A	X	-9.856	-9.856	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	-5.916	-5.916	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	0	0	0	%100
90	M84A	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,%]
91	M86	X	-5.916	-5.916	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	-18.077	-18.077	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	-19.041	-19.041	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	-11.34	-11.34	0	%100
98	MP2B	Z	0	0	0	%100
99	MP4B	X	-11.34	-11.34	0	%100
100	MP4B	Z	0	0	0	%100
101	MP3B	X	-11.34	-11.34	0	%100
102	MP3B	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M109	X	-7.026	-7.026	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	-7.026	-7.026	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-8.48	-8.48	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-8.48	-8.48	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	-8.719	-8.719	0	%100
116	OVP1	Z	0	0	0	%100
117	OVP2	X	-8.719	-8.719	0	%100
118	OVP2	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	-2.977	-2.977	0	%100
2	M1	Z	-1.719	-1.719	0	%100
3	M4	X	-9.107	-9.107	0	%100
4	M4	Z	-5.258	-5.258	0	%100
5	M10	X	-2.569	-2.569	0	%100
6	M10	Z	-1.483	-1.483	0	%100
7	MP1A	X	-9.82	-9.82	0	%100
8	MP1A	Z	-5.67	-5.67	0	%100
9	M43	X	-2.569	-2.569	0	%100
10	M43	Z	-1.483	-1.483	0	%100
11	M46	X	-5.124	-5.124	0	%100
12	M46	Z	-2.958	-2.958	0	%100
13	M51B	X	-2.845	-2.845	0	%100
14	M51B	Z	-1.643	-1.643	0	%100
15	M52B	X	-11.38	-11.38	0	%100
16	M52B	Z	-6.57	-6.57	0	%100
17	M76	X	-15.371	-15.371	0	%100
18	M76	Z	-8.874	-8.874	0	%100
19	M77	X	-5.219	-5.219	0	%100
20	M77	Z	-3.013	-3.013	0	%100
21	M80	X	-5.497	-5.497	0	%100
22	M80	Z	-3.173	-3.173	0	%100
23	M84	X	-15.371	-15.371	0	%100
24	M84	Z	-8.874	-8.874	0	%100
25	M85	X	-20.874	-20.874	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,%]
26	M85	Z	-12.052	-12.052	0	%100
27	M91	X	-21.986	-21.986	0	%100
28	M91	Z	-12.694	-12.694	0	%100
29	MP2A	X	-9.82	-9.82	0	%100
30	MP2A	Z	-5.67	-5.67	0	%100
31	MP4A	X	-9.82	-9.82	0	%100
32	MP4A	Z	-5.67	-5.67	0	%100
33	MP3A	X	-9.82	-9.82	0	%100
34	MP3A	Z	-5.67	-5.67	0	%100
35	M34	X	-2.977	-2.977	0	%100
36	M34	Z	-1.719	-1.719	0	%100
37	M35	X	-9.107	-9.107	0	%100
38	M35	Z	-5.258	-5.258	0	%100
39	M36	X	-2.569	-2.569	0	%100
40	M36	Z	-1.483	-1.483	0	%100
41	MP1C	X	-9.82	-9.82	0	%100
42	MP1C	Z	-5.67	-5.67	0	%100
43	M39	X	-2.569	-2.569	0	%100
44	M39	Z	-1.483	-1.483	0	%100
45	M40	X	-5.124	-5.124	0	%100
46	M40	Z	-2.958	-2.958	0	%100
47	M43A	X	-11.38	-11.38	0	%100
48	M43A	Z	-6.57	-6.57	0	%100
49	M44	X	-2.845	-2.845	0	%100
50	M44	Z	-1.643	-1.643	0	%100
51	M48	X	-15.371	-15.371	0	%100
52	M48	Z	-8.874	-8.874	0	%100
53	M49	X	-20.874	-20.874	0	%100
54	M49	Z	-12.052	-12.052	0	%100
55	M51C	X	-21.986	-21.986	0	%100
56	M51C	Z	-12.694	-12.694	0	%100
57	M53	X	-15.371	-15.371	0	%100
58	M53	Z	-8.874	-8.874	0	%100
59	M54	X	-5.219	-5.219	0	%100
60	M54	Z	-3.013	-3.013	0	%100
61	M56	X	-5.497	-5.497	0	%100
62	M56	Z	-3.173	-3.173	0	%100
63	MP2C	X	-9.82	-9.82	0	%100
64	MP2C	Z	-5.67	-5.67	0	%100
65	MP4C	X	-9.82	-9.82	0	%100
66	MP4C	Z	-5.67	-5.67	0	%100
67	MP3C	X	-9.82	-9.82	0	%100
68	MP3C	Z	-5.67	-5.67	0	%100
69	M67	X	-11.909	-11.909	0	%100
70	M67	Z	-6.875	-6.875	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	-10.275	-10.275	0	%100
74	M69	Z	-5.932	-5.932	0	%100
75	MP1B	X	-9.82	-9.82	0	%100
76	MP1B	Z	-5.67	-5.67	0	%100
77	M72	X	-10.275	-10.275	0	%100
78	M72	Z	-5.932	-5.932	0	%100
79	M73	X	-20.495	-20.495	0	%100
80	M73	Z	-11.833	-11.833	0	%100
81	M76A	X	-2.845	-2.845	0	%100
82	M76A	Z	-1.643	-1.643	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,%]
83	M77A	X	-2.845	-2.845	0	%100
84	M77A	Z	-1.643	-1.643	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	-5.219	-5.219	0	%100
88	M82	Z	-3.013	-3.013	0	%100
89	M84A	X	-5.497	-5.497	0	%100
90	M84A	Z	-3.173	-3.173	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	-5.219	-5.219	0	%100
94	M87	Z	-3.013	-3.013	0	%100
95	M89	X	-5.497	-5.497	0	%100
96	M89	Z	-3.173	-3.173	0	%100
97	MP2B	X	-9.82	-9.82	0	%100
98	MP2B	Z	-5.67	-5.67	0	%100
99	MP4B	X	-9.82	-9.82	0	%100
100	MP4B	Z	-5.67	-5.67	0	%100
101	MP3B	X	-9.82	-9.82	0	%100
102	MP3B	Z	-5.67	-5.67	0	%100
103	M104	X	-2.028	-2.028	0	%100
104	M104	Z	-1.171	-1.171	0	%100
105	M109	X	-2.028	-2.028	0	%100
106	M109	Z	-1.171	-1.171	0	%100
107	M114	X	-8.112	-8.112	0	%100
108	M114	Z	-4.684	-4.684	0	%100
109	M121	X	-2.448	-2.448	0	%100
110	M121	Z	-1.413	-1.413	0	%100
111	M122	X	-2.448	-2.448	0	%100
112	M122	Z	-1.413	-1.413	0	%100
113	M123	X	-9.792	-9.792	0	%100
114	M123	Z	-5.653	-5.653	0	%100
115	OVP1	X	-7.551	-7.551	0	%100
116	OVP1	Z	-4.36	-4.36	0	%100
117	OVP2	X	-7.551	-7.551	0	%100
118	OVP2	Z	-4.36	-4.36	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	-5.157	-5.157	0	%100
2	M1	Z	-8.931	-8.931	0	%100
3	M4	X	-1.753	-1.753	0	%100
4	M4	Z	-3.036	-3.036	0	%100
5	M10	X	-4.449	-4.449	0	%100
6	M10	Z	-7.706	-7.706	0	%100
7	MP1A	X	-5.67	-5.67	0	%100
8	MP1A	Z	-9.82	-9.82	0	%100
9	M43	X	-4.449	-4.449	0	%100
10	M43	Z	-7.706	-7.706	0	%100
11	M46	X	-8.874	-8.874	0	%100
12	M46	Z	-15.371	-15.371	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-4.928	-4.928	0	%100
16	M52B	Z	-8.535	-8.535	0	%100
17	M76	X	-2.958	-2.958	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,%]
18	M76	Z	-5.124	-5.124	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-2.958	-2.958	0	%100
24	M84	Z	-5.124	-5.124	0	%100
25	M85	X	-9.039	-9.039	0	%100
26	M85	Z	-15.656	-15.656	0	%100
27	M91	X	-9.52	-9.52	0	%100
28	M91	Z	-16.49	-16.49	0	%100
29	MP2A	X	-5.67	-5.67	0	%100
30	MP2A	Z	-9.82	-9.82	0	%100
31	MP4A	X	-5.67	-5.67	0	%100
32	MP4A	Z	-9.82	-9.82	0	%100
33	MP3A	X	-5.67	-5.67	0	%100
34	MP3A	Z	-9.82	-9.82	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-7.011	-7.011	0	%100
38	M35	Z	-12.143	-12.143	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	-5.67	-5.67	0	%100
42	MP1C	Z	-9.82	-9.82	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	-4.928	-4.928	0	%100
48	M43A	Z	-8.535	-8.535	0	%100
49	M44	X	-4.928	-4.928	0	%100
50	M44	Z	-8.535	-8.535	0	%100
51	M48	X	-11.833	-11.833	0	%100
52	M48	Z	-20.495	-20.495	0	%100
53	M49	X	-9.039	-9.039	0	%100
54	M49	Z	-15.656	-15.656	0	%100
55	M51C	X	-9.52	-9.52	0	%100
56	M51C	Z	-16.49	-16.49	0	%100
57	M53	X	-11.833	-11.833	0	%100
58	M53	Z	-20.495	-20.495	0	%100
59	M54	X	-9.039	-9.039	0	%100
60	M54	Z	-15.656	-15.656	0	%100
61	M56	X	-9.52	-9.52	0	%100
62	M56	Z	-16.49	-16.49	0	%100
63	MP2C	X	-5.67	-5.67	0	%100
64	MP2C	Z	-9.82	-9.82	0	%100
65	MP4C	X	-5.67	-5.67	0	%100
66	MP4C	Z	-9.82	-9.82	0	%100
67	MP3C	X	-5.67	-5.67	0	%100
68	MP3C	Z	-9.82	-9.82	0	%100
69	M67	X	-5.157	-5.157	0	%100
70	M67	Z	-8.931	-8.931	0	%100
71	M68	X	-1.753	-1.753	0	%100
72	M68	Z	-3.036	-3.036	0	%100
73	M69	X	-4.449	-4.449	0	%100
74	M69	Z	-7.706	-7.706	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,%]
75	MP1B	X	-5.67	-5.67	0	%100
76	MP1B	Z	-9.82	-9.82	0	%100
77	M72	X	-4.449	-4.449	0	%100
78	M72	Z	-7.706	-7.706	0	%100
79	M73	X	-8.874	-8.874	0	%100
80	M73	Z	-15.371	-15.371	0	%100
81	M76A	X	-4.928	-4.928	0	%100
82	M76A	Z	-8.535	-8.535	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	-2.958	-2.958	0	%100
86	M81	Z	-5.124	-5.124	0	%100
87	M82	X	-9.039	-9.039	0	%100
88	M82	Z	-15.656	-15.656	0	%100
89	M84A	X	-9.52	-9.52	0	%100
90	M84A	Z	-16.49	-16.49	0	%100
91	M86	X	-2.958	-2.958	0	%100
92	M86	Z	-5.124	-5.124	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	-5.67	-5.67	0	%100
98	MP2B	Z	-9.82	-9.82	0	%100
99	MP4B	X	-5.67	-5.67	0	%100
100	MP4B	Z	-9.82	-9.82	0	%100
101	MP3B	X	-5.67	-5.67	0	%100
102	MP3B	Z	-9.82	-9.82	0	%100
103	M104	X	-3.513	-3.513	0	%100
104	M104	Z	-6.084	-6.084	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	-3.513	-3.513	0	%100
108	M114	Z	-6.084	-6.084	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-4.24	-4.24	0	%100
112	M122	Z	-7.344	-7.344	0	%100
113	M123	X	-4.24	-4.24	0	%100
114	M123	Z	-7.344	-7.344	0	%100
115	OVP1	X	-4.36	-4.36	0	%100
116	OVP1	Z	-7.551	-7.551	0	%100
117	OVP2	X	-4.36	-4.36	0	%100
118	OVP2	Z	-7.551	-7.551	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	-4.886	-4.886	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.797	-3.797	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-4.443	-4.443	0	%100
9	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M43	Z	-3.797	-3.797	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-5.704	-5.704	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-1.077	-1.077	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-1.077	-1.077	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-1.433	-1.433	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-1.491	-1.491	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-1.433	-1.433	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-1.491	-1.491	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	-4.443	-4.443	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	-4.443	-4.443	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	-4.443	-4.443	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-1.221	-1.221	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-3.47	-3.47	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.949	-.949	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	-4.443	-4.443	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.949	-.949	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-1.426	-1.426	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-1.077	-1.077	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-4.307	-4.307	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-4.24	-4.24	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-1.433	-1.433	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-1.491	-1.491	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-4.24	-4.24	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-5.732	-5.732	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	-5.964	-5.964	0	%100
63	MP2C	X	0	0	0	%100
64	MP2C	Z	-4.443	-4.443	0	%100
65	MP4C	X	0	0	0	%100
66	MP4C	Z	-4.443	-4.443	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP3C	X	0	0	0	%100
68	MP3C	Z	-4.443	-4.443	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-1.221	-1.221	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-3.47	-3.47	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-.949	-.949	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-4.443	-4.443	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	-.949	-.949	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	-1.426	-1.426	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	-4.307	-4.307	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	-1.077	-1.077	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	-4.24	-4.24	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-5.732	-5.732	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-5.964	-5.964	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	-4.24	-4.24	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-1.433	-1.433	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	-1.491	-1.491	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-4.443	-4.443	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-4.443	-4.443	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-4.443	-4.443	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	-4.089	-4.089	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	-1.022	-1.022	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-1.022	-1.022	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.884	-.884	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-3.534	-3.534	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.884	-.884	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-3.33	-3.33	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	-3.33	-3.33	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	1.832	1.832	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,%]
2	M1	Z	-3.173	-3.173	0	%100
3	M4	X	.578	.578	0	%100
4	M4	Z	-1.002	-1.002	0	%100
5	M10	X	1.424	1.424	0	%100
6	M10	Z	-2.466	-2.466	0	%100
7	MP1A	X	2.221	2.221	0	%100
8	MP1A	Z	-3.848	-3.848	0	%100
9	M43	X	1.424	1.424	0	%100
10	M43	Z	-2.466	-2.466	0	%100
11	M46	X	2.139	2.139	0	%100
12	M46	Z	-3.705	-3.705	0	%100
13	M51B	X	1.615	1.615	0	%100
14	M51B	Z	-2.797	-2.797	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.707	.707	0	%100
18	M76	Z	-1.224	-1.224	0	%100
19	M77	X	2.149	2.149	0	%100
20	M77	Z	-3.723	-3.723	0	%100
21	M80	X	2.236	2.236	0	%100
22	M80	Z	-3.873	-3.873	0	%100
23	M84	X	.707	.707	0	%100
24	M84	Z	-1.224	-1.224	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	2.221	2.221	0	%100
30	MP2A	Z	-3.848	-3.848	0	%100
31	MP4A	X	2.221	2.221	0	%100
32	MP4A	Z	-3.848	-3.848	0	%100
33	MP3A	X	2.221	2.221	0	%100
34	MP3A	Z	-3.848	-3.848	0	%100
35	M34	X	1.832	1.832	0	%100
36	M34	Z	-3.173	-3.173	0	%100
37	M35	X	.578	.578	0	%100
38	M35	Z	-1.002	-1.002	0	%100
39	M36	X	1.424	1.424	0	%100
40	M36	Z	-2.466	-2.466	0	%100
41	MP1C	X	2.221	2.221	0	%100
42	MP1C	Z	-3.848	-3.848	0	%100
43	M39	X	1.424	1.424	0	%100
44	M39	Z	-2.466	-2.466	0	%100
45	M40	X	2.139	2.139	0	%100
46	M40	Z	-3.705	-3.705	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	1.615	1.615	0	%100
50	M44	Z	-2.797	-2.797	0	%100
51	M48	X	.707	.707	0	%100
52	M48	Z	-1.224	-1.224	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	.707	.707	0	%100
58	M53	Z	-1.224	-1.224	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,%]
59	M54	X	2.149	2.149	0	%100
60	M54	Z	-3.723	-3.723	0	%100
61	M56	X	2.236	2.236	0	%100
62	M56	Z	-3.873	-3.873	0	%100
63	MP2C	X	2.221	2.221	0	%100
64	MP2C	Z	-3.848	-3.848	0	%100
65	MP4C	X	2.221	2.221	0	%100
66	MP4C	Z	-3.848	-3.848	0	%100
67	MP3C	X	2.221	2.221	0	%100
68	MP3C	Z	-3.848	-3.848	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	2.313	2.313	0	%100
72	M68	Z	-4.007	-4.007	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	2.221	2.221	0	%100
76	MP1B	Z	-3.848	-3.848	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	1.615	1.615	0	%100
82	M76A	Z	-2.797	-2.797	0	%100
83	M77A	X	1.615	1.615	0	%100
84	M77A	Z	-2.797	-2.797	0	%100
85	M81	X	2.827	2.827	0	%100
86	M81	Z	-4.896	-4.896	0	%100
87	M82	X	2.149	2.149	0	%100
88	M82	Z	-3.723	-3.723	0	%100
89	M84A	X	2.236	2.236	0	%100
90	M84A	Z	-3.873	-3.873	0	%100
91	M86	X	2.827	2.827	0	%100
92	M86	Z	-4.896	-4.896	0	%100
93	M87	X	2.149	2.149	0	%100
94	M87	Z	-3.723	-3.723	0	%100
95	M89	X	2.236	2.236	0	%100
96	M89	Z	-3.873	-3.873	0	%100
97	MP2B	X	2.221	2.221	0	%100
98	MP2B	Z	-3.848	-3.848	0	%100
99	MP4B	X	2.221	2.221	0	%100
100	MP4B	Z	-3.848	-3.848	0	%100
101	MP3B	X	2.221	2.221	0	%100
102	MP3B	Z	-3.848	-3.848	0	%100
103	M104	X	1.533	1.533	0	%100
104	M104	Z	-2.656	-2.656	0	%100
105	M109	X	1.533	1.533	0	%100
106	M109	Z	-2.656	-2.656	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	1.325	1.325	0	%100
110	M121	Z	-2.296	-2.296	0	%100
111	M122	X	1.325	1.325	0	%100
112	M122	Z	-2.296	-2.296	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	1.665	1.665	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,%]
116	OVP1	Z	-2.884	-2.884	0	%100
117	OVP2	X	1.665	1.665	0	%100
118	OVP2	Z	-2.884	-2.884	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	1.058	1.058	0	%100
2	M1	Z	-.611	-.611	0	%100
3	M4	X	3.005	3.005	0	%100
4	M4	Z	-1.735	-1.735	0	%100
5	M10	X	.822	.822	0	%100
6	M10	Z	-.475	-.475	0	%100
7	MP1A	X	3.848	3.848	0	%100
8	MP1A	Z	-2.221	-2.221	0	%100
9	M43	X	.822	.822	0	%100
10	M43	Z	-.475	-.475	0	%100
11	M46	X	1.235	1.235	0	%100
12	M46	Z	-.713	-.713	0	%100
13	M51B	X	3.73	3.73	0	%100
14	M51B	Z	-2.153	-2.153	0	%100
15	M52B	X	.932	.932	0	%100
16	M52B	Z	-.538	-.538	0	%100
17	M76	X	3.672	3.672	0	%100
18	M76	Z	-2.12	-2.12	0	%100
19	M77	X	4.964	4.964	0	%100
20	M77	Z	-2.866	-2.866	0	%100
21	M80	X	5.165	5.165	0	%100
22	M80	Z	-2.982	-2.982	0	%100
23	M84	X	3.672	3.672	0	%100
24	M84	Z	-2.12	-2.12	0	%100
25	M85	X	1.241	1.241	0	%100
26	M85	Z	-.716	-.716	0	%100
27	M91	X	1.291	1.291	0	%100
28	M91	Z	-.745	-.745	0	%100
29	MP2A	X	3.848	3.848	0	%100
30	MP2A	Z	-2.221	-2.221	0	%100
31	MP4A	X	3.848	3.848	0	%100
32	MP4A	Z	-2.221	-2.221	0	%100
33	MP3A	X	3.848	3.848	0	%100
34	MP3A	Z	-2.221	-2.221	0	%100
35	M34	X	4.231	4.231	0	%100
36	M34	Z	-2.443	-2.443	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	3.288	3.288	0	%100
40	M36	Z	-1.898	-1.898	0	%100
41	MP1C	X	3.848	3.848	0	%100
42	MP1C	Z	-2.221	-2.221	0	%100
43	M39	X	3.288	3.288	0	%100
44	M39	Z	-1.898	-1.898	0	%100
45	M40	X	4.94	4.94	0	%100
46	M40	Z	-2.852	-2.852	0	%100
47	M43A	X	.932	.932	0	%100
48	M43A	Z	-.538	-.538	0	%100
49	M44	X	.932	.932	0	%100
50	M44	Z	-.538	-.538	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,%]
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	1.241	1.241	0	%100
54	M49	Z	-.716	-.716	0	%100
55	M51C	X	1.291	1.291	0	%100
56	M51C	Z	-.745	-.745	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	1.241	1.241	0	%100
60	M54	Z	-.716	-.716	0	%100
61	M56	X	1.291	1.291	0	%100
62	M56	Z	-.745	-.745	0	%100
63	MP2C	X	3.848	3.848	0	%100
64	MP2C	Z	-2.221	-2.221	0	%100
65	MP4C	X	3.848	3.848	0	%100
66	MP4C	Z	-2.221	-2.221	0	%100
67	MP3C	X	3.848	3.848	0	%100
68	MP3C	Z	-2.221	-2.221	0	%100
69	M67	X	1.058	1.058	0	%100
70	M67	Z	-.611	-.611	0	%100
71	M68	X	3.005	3.005	0	%100
72	M68	Z	-1.735	-1.735	0	%100
73	M69	X	.822	.822	0	%100
74	M69	Z	-.475	-.475	0	%100
75	MP1B	X	3.848	3.848	0	%100
76	MP1B	Z	-2.221	-2.221	0	%100
77	M72	X	.822	.822	0	%100
78	M72	Z	-.475	-.475	0	%100
79	M73	X	1.235	1.235	0	%100
80	M73	Z	-.713	-.713	0	%100
81	M76A	X	.932	.932	0	%100
82	M76A	Z	-.538	-.538	0	%100
83	M77A	X	3.73	3.73	0	%100
84	M77A	Z	-2.153	-2.153	0	%100
85	M81	X	3.672	3.672	0	%100
86	M81	Z	-2.12	-2.12	0	%100
87	M82	X	1.241	1.241	0	%100
88	M82	Z	-.716	-.716	0	%100
89	M84A	X	1.291	1.291	0	%100
90	M84A	Z	-.745	-.745	0	%100
91	M86	X	3.672	3.672	0	%100
92	M86	Z	-2.12	-2.12	0	%100
93	M87	X	4.964	4.964	0	%100
94	M87	Z	-2.866	-2.866	0	%100
95	M89	X	5.165	5.165	0	%100
96	M89	Z	-2.982	-2.982	0	%100
97	MP2B	X	3.848	3.848	0	%100
98	MP2B	Z	-2.221	-2.221	0	%100
99	MP4B	X	3.848	3.848	0	%100
100	MP4B	Z	-2.221	-2.221	0	%100
101	MP3B	X	3.848	3.848	0	%100
102	MP3B	Z	-2.221	-2.221	0	%100
103	M104	X	.885	.885	0	%100
104	M104	Z	-.511	-.511	0	%100
105	M109	X	3.541	3.541	0	%100
106	M109	Z	-2.044	-2.044	0	%100
107	M114	X	.885	.885	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,%]
108	M114	Z	-.511	-.511	0	%100
109	M121	X	3.061	3.061	0	%100
110	M121	Z	-1.767	-1.767	0	%100
111	M122	X	.765	.765	0	%100
112	M122	Z	-.442	-.442	0	%100
113	M123	X	.765	.765	0	%100
114	M123	Z	-.442	-.442	0	%100
115	OVP1	X	2.884	2.884	0	%100
116	OVP1	Z	-1.665	-1.665	0	%100
117	OVP2	X	2.884	2.884	0	%100
118	OVP2	Z	-1.665	-1.665	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	4.626	4.626	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	4.443	4.443	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	3.23	3.23	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	3.23	3.23	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	5.653	5.653	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	4.299	4.299	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	4.473	4.473	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	5.653	5.653	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	4.299	4.299	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	4.473	4.473	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	4.443	4.443	0	%100
30	MP2A	Z	0	0	0	%100
31	MP4A	X	4.443	4.443	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	4.443	4.443	0	%100
34	MP3A	Z	0	0	0	%100
35	M34	X	3.664	3.664	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	1.157	1.157	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	2.847	2.847	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	4.443	4.443	0	%100
42	MP1C	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,%]
43	M39	X	2.847	2.847	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	4.278	4.278	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	3.23	3.23	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M48	X	1.413	1.413	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	4.299	4.299	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	4.473	4.473	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	1.413	1.413	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	MP2C	X	4.443	4.443	0	%100
64	MP2C	Z	0	0	0	%100
65	MP4C	X	4.443	4.443	0	%100
66	MP4C	Z	0	0	0	%100
67	MP3C	X	4.443	4.443	0	%100
68	MP3C	Z	0	0	0	%100
69	M67	X	3.664	3.664	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	1.157	1.157	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	2.847	2.847	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	4.443	4.443	0	%100
76	MP1B	Z	0	0	0	%100
77	M72	X	2.847	2.847	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	4.278	4.278	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	0	0	0	%100
83	M77A	X	3.23	3.23	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	1.413	1.413	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M86	X	1.413	1.413	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	4.299	4.299	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	4.473	4.473	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	4.443	4.443	0	%100
98	MP2B	Z	0	0	0	%100
99	MP4B	X	4.443	4.443	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,%]
100	MP4B	Z	0	0	0	%100
101	MP3B	X	4.443	4.443	0	%100
102	MP3B	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M109	X	3.067	3.067	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	3.067	3.067	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	2.651	2.651	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	2.651	2.651	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	3.33	3.33	0	%100
116	OVP1	Z	0	0	0	%100
117	OVP2	X	3.33	3.33	0	%100
118	OVP2	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	1.058	1.058	0	%100
2	M1	Z	.611	.611	0	%100
3	M4	X	3.005	3.005	0	%100
4	M4	Z	1.735	1.735	0	%100
5	M10	X	.822	.822	0	%100
6	M10	Z	.475	.475	0	%100
7	MP1A	X	3.848	3.848	0	%100
8	MP1A	Z	2.221	2.221	0	%100
9	M43	X	.822	.822	0	%100
10	M43	Z	.475	.475	0	%100
11	M46	X	1.235	1.235	0	%100
12	M46	Z	.713	.713	0	%100
13	M51B	X	.932	.932	0	%100
14	M51B	Z	.538	.538	0	%100
15	M52B	X	3.73	3.73	0	%100
16	M52B	Z	2.153	2.153	0	%100
17	M76	X	3.672	3.672	0	%100
18	M76	Z	2.12	2.12	0	%100
19	M77	X	1.241	1.241	0	%100
20	M77	Z	.716	.716	0	%100
21	M80	X	1.291	1.291	0	%100
22	M80	Z	.745	.745	0	%100
23	M84	X	3.672	3.672	0	%100
24	M84	Z	2.12	2.12	0	%100
25	M85	X	4.964	4.964	0	%100
26	M85	Z	2.866	2.866	0	%100
27	M91	X	5.165	5.165	0	%100
28	M91	Z	2.982	2.982	0	%100
29	MP2A	X	3.848	3.848	0	%100
30	MP2A	Z	2.221	2.221	0	%100
31	MP4A	X	3.848	3.848	0	%100
32	MP4A	Z	2.221	2.221	0	%100
33	MP3A	X	3.848	3.848	0	%100
34	MP3A	Z	2.221	2.221	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,%]
35	M34	X	1.058	1.058	0	%100
36	M34	Z	.611	.611	0	%100
37	M35	X	3.005	3.005	0	%100
38	M35	Z	1.735	1.735	0	%100
39	M36	X	.822	.822	0	%100
40	M36	Z	.475	.475	0	%100
41	MP1C	X	3.848	3.848	0	%100
42	MP1C	Z	2.221	2.221	0	%100
43	M39	X	.822	.822	0	%100
44	M39	Z	.475	.475	0	%100
45	M40	X	1.235	1.235	0	%100
46	M40	Z	.713	.713	0	%100
47	M43A	X	3.73	3.73	0	%100
48	M43A	Z	2.153	2.153	0	%100
49	M44	X	.932	.932	0	%100
50	M44	Z	.538	.538	0	%100
51	M48	X	3.672	3.672	0	%100
52	M48	Z	2.12	2.12	0	%100
53	M49	X	4.964	4.964	0	%100
54	M49	Z	2.866	2.866	0	%100
55	M51C	X	5.165	5.165	0	%100
56	M51C	Z	2.982	2.982	0	%100
57	M53	X	3.672	3.672	0	%100
58	M53	Z	2.12	2.12	0	%100
59	M54	X	1.241	1.241	0	%100
60	M54	Z	.716	.716	0	%100
61	M56	X	1.291	1.291	0	%100
62	M56	Z	.745	.745	0	%100
63	MP2C	X	3.848	3.848	0	%100
64	MP2C	Z	2.221	2.221	0	%100
65	MP4C	X	3.848	3.848	0	%100
66	MP4C	Z	2.221	2.221	0	%100
67	MP3C	X	3.848	3.848	0	%100
68	MP3C	Z	2.221	2.221	0	%100
69	M67	X	4.231	4.231	0	%100
70	M67	Z	2.443	2.443	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	3.288	3.288	0	%100
74	M69	Z	1.898	1.898	0	%100
75	MP1B	X	3.848	3.848	0	%100
76	MP1B	Z	2.221	2.221	0	%100
77	M72	X	3.288	3.288	0	%100
78	M72	Z	1.898	1.898	0	%100
79	M73	X	4.94	4.94	0	%100
80	M73	Z	2.852	2.852	0	%100
81	M76A	X	.932	.932	0	%100
82	M76A	Z	.538	.538	0	%100
83	M77A	X	.932	.932	0	%100
84	M77A	Z	.538	.538	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	1.241	1.241	0	%100
88	M82	Z	.716	.716	0	%100
89	M84A	X	1.291	1.291	0	%100
90	M84A	Z	.745	.745	0	%100
91	M86	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,%]
92	M86	Z	0	0	0	%100
93	M87	X	1.241	1.241	0	%100
94	M87	Z	.716	.716	0	%100
95	M89	X	1.291	1.291	0	%100
96	M89	Z	.745	.745	0	%100
97	MP2B	X	3.848	3.848	0	%100
98	MP2B	Z	2.221	2.221	0	%100
99	MP4B	X	3.848	3.848	0	%100
100	MP4B	Z	2.221	2.221	0	%100
101	MP3B	X	3.848	3.848	0	%100
102	MP3B	Z	2.221	2.221	0	%100
103	M104	X	.885	.885	0	%100
104	M104	Z	.511	.511	0	%100
105	M109	X	.885	.885	0	%100
106	M109	Z	.511	.511	0	%100
107	M114	X	3.541	3.541	0	%100
108	M114	Z	2.044	2.044	0	%100
109	M121	X	.765	.765	0	%100
110	M121	Z	.442	.442	0	%100
111	M122	X	.765	.765	0	%100
112	M122	Z	.442	.442	0	%100
113	M123	X	3.061	3.061	0	%100
114	M123	Z	1.767	1.767	0	%100
115	OVP1	X	2.884	2.884	0	%100
116	OVP1	Z	1.665	1.665	0	%100
117	OVP2	X	2.884	2.884	0	%100
118	OVP2	Z	1.665	1.665	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	1.832	1.832	0	%100
2	M1	Z	3.173	3.173	0	%100
3	M4	X	.578	.578	0	%100
4	M4	Z	1.002	1.002	0	%100
5	M10	X	1.424	1.424	0	%100
6	M10	Z	2.466	2.466	0	%100
7	MP1A	X	2.221	2.221	0	%100
8	MP1A	Z	3.848	3.848	0	%100
9	M43	X	1.424	1.424	0	%100
10	M43	Z	2.466	2.466	0	%100
11	M46	X	2.139	2.139	0	%100
12	M46	Z	3.705	3.705	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	1.615	1.615	0	%100
16	M52B	Z	2.797	2.797	0	%100
17	M76	X	.707	.707	0	%100
18	M76	Z	1.224	1.224	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.707	.707	0	%100
24	M84	Z	1.224	1.224	0	%100
25	M85	X	2.149	2.149	0	%100
26	M85	Z	3.723	3.723	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,%]
27	M91	X	2.236	2.236	0	%100
28	M91	Z	3.873	3.873	0	%100
29	MP2A	X	2.221	2.221	0	%100
30	MP2A	Z	3.848	3.848	0	%100
31	MP4A	X	2.221	2.221	0	%100
32	MP4A	Z	3.848	3.848	0	%100
33	MP3A	X	2.221	2.221	0	%100
34	MP3A	Z	3.848	3.848	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.313	2.313	0	%100
38	M35	Z	4.007	4.007	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	2.221	2.221	0	%100
42	MP1C	Z	3.848	3.848	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	1.615	1.615	0	%100
48	M43A	Z	2.797	2.797	0	%100
49	M44	X	1.615	1.615	0	%100
50	M44	Z	2.797	2.797	0	%100
51	M48	X	2.827	2.827	0	%100
52	M48	Z	4.896	4.896	0	%100
53	M49	X	2.149	2.149	0	%100
54	M49	Z	3.723	3.723	0	%100
55	M51C	X	2.236	2.236	0	%100
56	M51C	Z	3.873	3.873	0	%100
57	M53	X	2.827	2.827	0	%100
58	M53	Z	4.896	4.896	0	%100
59	M54	X	2.149	2.149	0	%100
60	M54	Z	3.723	3.723	0	%100
61	M56	X	2.236	2.236	0	%100
62	M56	Z	3.873	3.873	0	%100
63	MP2C	X	2.221	2.221	0	%100
64	MP2C	Z	3.848	3.848	0	%100
65	MP4C	X	2.221	2.221	0	%100
66	MP4C	Z	3.848	3.848	0	%100
67	MP3C	X	2.221	2.221	0	%100
68	MP3C	Z	3.848	3.848	0	%100
69	M67	X	1.832	1.832	0	%100
70	M67	Z	3.173	3.173	0	%100
71	M68	X	.578	.578	0	%100
72	M68	Z	1.002	1.002	0	%100
73	M69	X	1.424	1.424	0	%100
74	M69	Z	2.466	2.466	0	%100
75	MP1B	X	2.221	2.221	0	%100
76	MP1B	Z	3.848	3.848	0	%100
77	M72	X	1.424	1.424	0	%100
78	M72	Z	2.466	2.466	0	%100
79	M73	X	2.139	2.139	0	%100
80	M73	Z	3.705	3.705	0	%100
81	M76A	X	1.615	1.615	0	%100
82	M76A	Z	2.797	2.797	0	%100
83	M77A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
84	M77A	Z	0	0	0	%100
85	M81	X	.707	.707	0	%100
86	M81	Z	1.224	1.224	0	%100
87	M82	X	2.149	2.149	0	%100
88	M82	Z	3.723	3.723	0	%100
89	M84A	X	2.236	2.236	0	%100
90	M84A	Z	3.873	3.873	0	%100
91	M86	X	.707	.707	0	%100
92	M86	Z	1.224	1.224	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	2.221	2.221	0	%100
98	MP2B	Z	3.848	3.848	0	%100
99	MP4B	X	2.221	2.221	0	%100
100	MP4B	Z	3.848	3.848	0	%100
101	MP3B	X	2.221	2.221	0	%100
102	MP3B	Z	3.848	3.848	0	%100
103	M104	X	1.533	1.533	0	%100
104	M104	Z	2.656	2.656	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	1.533	1.533	0	%100
108	M114	Z	2.656	2.656	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	1.325	1.325	0	%100
112	M122	Z	2.296	2.296	0	%100
113	M123	X	1.325	1.325	0	%100
114	M123	Z	2.296	2.296	0	%100
115	OVP1	X	1.665	1.665	0	%100
116	OVP1	Z	2.884	2.884	0	%100
117	OVP2	X	1.665	1.665	0	%100
118	OVP2	Z	2.884	2.884	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	4.886	4.886	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.797	3.797	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	4.443	4.443	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	3.797	3.797	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	5.704	5.704	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	1.077	1.077	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	1.077	1.077	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	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,%]
19	M77	X	0	0	0	%100
20	M77	Z	1.433	1.433	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	1.491	1.491	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	1.433	1.433	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	1.491	1.491	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	4.443	4.443	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	4.443	4.443	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	4.443	4.443	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	1.221	1.221	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	3.47	3.47	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.949	.949	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	4.443	4.443	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.949	.949	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	1.426	1.426	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	1.077	1.077	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	4.307	4.307	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	4.24	4.24	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	1.433	1.433	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	1.491	1.491	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	4.24	4.24	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	5.732	5.732	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	5.964	5.964	0	%100
63	MP2C	X	0	0	0	%100
64	MP2C	Z	4.443	4.443	0	%100
65	MP4C	X	0	0	0	%100
66	MP4C	Z	4.443	4.443	0	%100
67	MP3C	X	0	0	0	%100
68	MP3C	Z	4.443	4.443	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	1.221	1.221	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	3.47	3.47	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	.949	.949	0	%100
75	MP1B	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,%]
76	MP1B	Z	4.443	4.443	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	.949	.949	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	1.426	1.426	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	4.307	4.307	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	1.077	1.077	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	4.24	4.24	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	5.732	5.732	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	5.964	5.964	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	4.24	4.24	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	1.433	1.433	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	1.491	1.491	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	4.443	4.443	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	4.443	4.443	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	4.443	4.443	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	4.089	4.089	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	1.022	1.022	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	1.022	1.022	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.884	.884	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	3.534	3.534	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.884	.884	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	3.33	3.33	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	3.33	3.33	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	-1.832	-1.832	0	%100
2	M1	Z	3.173	3.173	0	%100
3	M4	X	-.578	-.578	0	%100
4	M4	Z	1.002	1.002	0	%100
5	M10	X	-1.424	-1.424	0	%100
6	M10	Z	2.466	2.466	0	%100
7	MP1A	X	-2.221	-2.221	0	%100
8	MP1A	Z	3.848	3.848	0	%100
9	M43	X	-1.424	-1.424	0	%100
10	M43	Z	2.466	2.466	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,%]
11	M46	X	-2.139	-2.139	0	%100
12	M46	Z	3.705	3.705	0	%100
13	M51B	X	-1.615	-1.615	0	%100
14	M51B	Z	2.797	2.797	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.707	-.707	0	%100
18	M76	Z	1.224	1.224	0	%100
19	M77	X	-2.149	-2.149	0	%100
20	M77	Z	3.723	3.723	0	%100
21	M80	X	-2.236	-2.236	0	%100
22	M80	Z	3.873	3.873	0	%100
23	M84	X	-.707	-.707	0	%100
24	M84	Z	1.224	1.224	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	-2.221	-2.221	0	%100
30	MP2A	Z	3.848	3.848	0	%100
31	MP4A	X	-2.221	-2.221	0	%100
32	MP4A	Z	3.848	3.848	0	%100
33	MP3A	X	-2.221	-2.221	0	%100
34	MP3A	Z	3.848	3.848	0	%100
35	M34	X	-1.832	-1.832	0	%100
36	M34	Z	3.173	3.173	0	%100
37	M35	X	-.578	-.578	0	%100
38	M35	Z	1.002	1.002	0	%100
39	M36	X	-1.424	-1.424	0	%100
40	M36	Z	2.466	2.466	0	%100
41	MP1C	X	-2.221	-2.221	0	%100
42	MP1C	Z	3.848	3.848	0	%100
43	M39	X	-1.424	-1.424	0	%100
44	M39	Z	2.466	2.466	0	%100
45	M40	X	-2.139	-2.139	0	%100
46	M40	Z	3.705	3.705	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	-1.615	-1.615	0	%100
50	M44	Z	2.797	2.797	0	%100
51	M48	X	-.707	-.707	0	%100
52	M48	Z	1.224	1.224	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	-.707	-.707	0	%100
58	M53	Z	1.224	1.224	0	%100
59	M54	X	-2.149	-2.149	0	%100
60	M54	Z	3.723	3.723	0	%100
61	M56	X	-2.236	-2.236	0	%100
62	M56	Z	3.873	3.873	0	%100
63	MP2C	X	-2.221	-2.221	0	%100
64	MP2C	Z	3.848	3.848	0	%100
65	MP4C	X	-2.221	-2.221	0	%100
66	MP4C	Z	3.848	3.848	0	%100
67	MP3C	X	-2.221	-2.221	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,%]
68	MP3C	Z	3.848	3.848	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	-2.313	-2.313	0	%100
72	M68	Z	4.007	4.007	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	-2.221	-2.221	0	%100
76	MP1B	Z	3.848	3.848	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	-1.615	-1.615	0	%100
82	M76A	Z	2.797	2.797	0	%100
83	M77A	X	-1.615	-1.615	0	%100
84	M77A	Z	2.797	2.797	0	%100
85	M81	X	-2.827	-2.827	0	%100
86	M81	Z	4.896	4.896	0	%100
87	M82	X	-2.149	-2.149	0	%100
88	M82	Z	3.723	3.723	0	%100
89	M84A	X	-2.236	-2.236	0	%100
90	M84A	Z	3.873	3.873	0	%100
91	M86	X	-2.827	-2.827	0	%100
92	M86	Z	4.896	4.896	0	%100
93	M87	X	-2.149	-2.149	0	%100
94	M87	Z	3.723	3.723	0	%100
95	M89	X	-2.236	-2.236	0	%100
96	M89	Z	3.873	3.873	0	%100
97	MP2B	X	-2.221	-2.221	0	%100
98	MP2B	Z	3.848	3.848	0	%100
99	MP4B	X	-2.221	-2.221	0	%100
100	MP4B	Z	3.848	3.848	0	%100
101	MP3B	X	-2.221	-2.221	0	%100
102	MP3B	Z	3.848	3.848	0	%100
103	M104	X	-1.533	-1.533	0	%100
104	M104	Z	2.656	2.656	0	%100
105	M109	X	-1.533	-1.533	0	%100
106	M109	Z	2.656	2.656	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-1.325	-1.325	0	%100
110	M121	Z	2.296	2.296	0	%100
111	M122	X	-1.325	-1.325	0	%100
112	M122	Z	2.296	2.296	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	-1.665	-1.665	0	%100
116	OVP1	Z	2.884	2.884	0	%100
117	OVP2	X	-1.665	-1.665	0	%100
118	OVP2	Z	2.884	2.884	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	-1.058	-1.058	0	%100
2	M1	Z	.611	.611	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,%]
3	M4	X	-3.005	-3.005	0	%100
4	M4	Z	1.735	1.735	0	%100
5	M10	X	-.822	-.822	0	%100
6	M10	Z	.475	.475	0	%100
7	MP1A	X	-3.848	-3.848	0	%100
8	MP1A	Z	2.221	2.221	0	%100
9	M43	X	-.822	-.822	0	%100
10	M43	Z	.475	.475	0	%100
11	M46	X	-1.235	-1.235	0	%100
12	M46	Z	.713	.713	0	%100
13	M51B	X	-3.73	-3.73	0	%100
14	M51B	Z	2.153	2.153	0	%100
15	M52B	X	-.932	-.932	0	%100
16	M52B	Z	.538	.538	0	%100
17	M76	X	-3.672	-3.672	0	%100
18	M76	Z	2.12	2.12	0	%100
19	M77	X	-4.964	-4.964	0	%100
20	M77	Z	2.866	2.866	0	%100
21	M80	X	-5.165	-5.165	0	%100
22	M80	Z	2.982	2.982	0	%100
23	M84	X	-3.672	-3.672	0	%100
24	M84	Z	2.12	2.12	0	%100
25	M85	X	-1.241	-1.241	0	%100
26	M85	Z	.716	.716	0	%100
27	M91	X	-1.291	-1.291	0	%100
28	M91	Z	.745	.745	0	%100
29	MP2A	X	-3.848	-3.848	0	%100
30	MP2A	Z	2.221	2.221	0	%100
31	MP4A	X	-3.848	-3.848	0	%100
32	MP4A	Z	2.221	2.221	0	%100
33	MP3A	X	-3.848	-3.848	0	%100
34	MP3A	Z	2.221	2.221	0	%100
35	M34	X	-4.231	-4.231	0	%100
36	M34	Z	2.443	2.443	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-3.288	-3.288	0	%100
40	M36	Z	1.898	1.898	0	%100
41	MP1C	X	-3.848	-3.848	0	%100
42	MP1C	Z	2.221	2.221	0	%100
43	M39	X	-3.288	-3.288	0	%100
44	M39	Z	1.898	1.898	0	%100
45	M40	X	-4.94	-4.94	0	%100
46	M40	Z	2.852	2.852	0	%100
47	M43A	X	-.932	-.932	0	%100
48	M43A	Z	.538	.538	0	%100
49	M44	X	-.932	-.932	0	%100
50	M44	Z	.538	.538	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-1.241	-1.241	0	%100
54	M49	Z	.716	.716	0	%100
55	M51C	X	-1.291	-1.291	0	%100
56	M51C	Z	.745	.745	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-1.241	-1.241	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,%]
60	M54	Z	.716	.716	0	%100
61	M56	X	-1.291	-1.291	0	%100
62	M56	Z	.745	.745	0	%100
63	MP2C	X	-3.848	-3.848	0	%100
64	MP2C	Z	2.221	2.221	0	%100
65	MP4C	X	-3.848	-3.848	0	%100
66	MP4C	Z	2.221	2.221	0	%100
67	MP3C	X	-3.848	-3.848	0	%100
68	MP3C	Z	2.221	2.221	0	%100
69	M67	X	-1.058	-1.058	0	%100
70	M67	Z	.611	.611	0	%100
71	M68	X	-3.005	-3.005	0	%100
72	M68	Z	1.735	1.735	0	%100
73	M69	X	-.822	-.822	0	%100
74	M69	Z	.475	.475	0	%100
75	MP1B	X	-3.848	-3.848	0	%100
76	MP1B	Z	2.221	2.221	0	%100
77	M72	X	-.822	-.822	0	%100
78	M72	Z	.475	.475	0	%100
79	M73	X	-1.235	-1.235	0	%100
80	M73	Z	.713	.713	0	%100
81	M76A	X	-.932	-.932	0	%100
82	M76A	Z	.538	.538	0	%100
83	M77A	X	-3.73	-3.73	0	%100
84	M77A	Z	2.153	2.153	0	%100
85	M81	X	-3.672	-3.672	0	%100
86	M81	Z	2.12	2.12	0	%100
87	M82	X	-1.241	-1.241	0	%100
88	M82	Z	.716	.716	0	%100
89	M84A	X	-1.291	-1.291	0	%100
90	M84A	Z	.745	.745	0	%100
91	M86	X	-3.672	-3.672	0	%100
92	M86	Z	2.12	2.12	0	%100
93	M87	X	-4.964	-4.964	0	%100
94	M87	Z	2.866	2.866	0	%100
95	M89	X	-5.165	-5.165	0	%100
96	M89	Z	2.982	2.982	0	%100
97	MP2B	X	-3.848	-3.848	0	%100
98	MP2B	Z	2.221	2.221	0	%100
99	MP4B	X	-3.848	-3.848	0	%100
100	MP4B	Z	2.221	2.221	0	%100
101	MP3B	X	-3.848	-3.848	0	%100
102	MP3B	Z	2.221	2.221	0	%100
103	M104	X	-.885	-.885	0	%100
104	M104	Z	.511	.511	0	%100
105	M109	X	-3.541	-3.541	0	%100
106	M109	Z	2.044	2.044	0	%100
107	M114	X	-.885	-.885	0	%100
108	M114	Z	.511	.511	0	%100
109	M121	X	-3.061	-3.061	0	%100
110	M121	Z	1.767	1.767	0	%100
111	M122	X	-.765	-.765	0	%100
112	M122	Z	.442	.442	0	%100
113	M123	X	-.765	-.765	0	%100
114	M123	Z	.442	.442	0	%100
115	OVP1	X	-2.884	-2.884	0	%100
116	OVP1	Z	1.665	1.665	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,%]
117	OVP2	X	-2.884	-2.884	0	%100
118	OVP2	Z	1.665	1.665	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-4.626	-4.626	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-4.443	-4.443	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-3.23	-3.23	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-3.23	-3.23	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-5.653	-5.653	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-4.299	-4.299	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-4.473	-4.473	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-5.653	-5.653	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-4.299	-4.299	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-4.473	-4.473	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	-4.443	-4.443	0	%100
30	MP2A	Z	0	0	0	%100
31	MP4A	X	-4.443	-4.443	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	-4.443	-4.443	0	%100
34	MP3A	Z	0	0	0	%100
35	M34	X	-3.664	-3.664	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-1.157	-1.157	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-2.847	-2.847	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	-4.443	-4.443	0	%100
42	MP1C	Z	0	0	0	%100
43	M39	X	-2.847	-2.847	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-4.278	-4.278	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	-3.23	-3.23	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M48	X	-1.413	-1.413	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,%]
52	M48	Z	0	0	0	%100
53	M49	X	-4.299	-4.299	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	-4.473	-4.473	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	-1.413	-1.413	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	MP2C	X	-4.443	-4.443	0	%100
64	MP2C	Z	0	0	0	%100
65	MP4C	X	-4.443	-4.443	0	%100
66	MP4C	Z	0	0	0	%100
67	MP3C	X	-4.443	-4.443	0	%100
68	MP3C	Z	0	0	0	%100
69	M67	X	-3.664	-3.664	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	-1.157	-1.157	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	-2.847	-2.847	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	-4.443	-4.443	0	%100
76	MP1B	Z	0	0	0	%100
77	M72	X	-2.847	-2.847	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	-4.278	-4.278	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	0	0	0	%100
83	M77A	X	-3.23	-3.23	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	-1.413	-1.413	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M86	X	-1.413	-1.413	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	-4.299	-4.299	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	-4.473	-4.473	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	-4.443	-4.443	0	%100
98	MP2B	Z	0	0	0	%100
99	MP4B	X	-4.443	-4.443	0	%100
100	MP4B	Z	0	0	0	%100
101	MP3B	X	-4.443	-4.443	0	%100
102	MP3B	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M109	X	-3.067	-3.067	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	-3.067	-3.067	0	%100
108	M114	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,%]
109	M121	X	-2.651	-2.651	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-2.651	-2.651	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	-3.33	-3.33	0	%100
116	OVP1	Z	0	0	0	%100
117	OVP2	X	-3.33	-3.33	0	%100
118	OVP2	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	-1.058	-1.058	0	%100
2	M1	Z	-.611	-.611	0	%100
3	M4	X	-3.005	-3.005	0	%100
4	M4	Z	-1.735	-1.735	0	%100
5	M10	X	-.822	-.822	0	%100
6	M10	Z	-.475	-.475	0	%100
7	MP1A	X	-3.848	-3.848	0	%100
8	MP1A	Z	-2.221	-2.221	0	%100
9	M43	X	-.822	-.822	0	%100
10	M43	Z	-.475	-.475	0	%100
11	M46	X	-1.235	-1.235	0	%100
12	M46	Z	-.713	-.713	0	%100
13	M51B	X	-.932	-.932	0	%100
14	M51B	Z	-.538	-.538	0	%100
15	M52B	X	-3.73	-3.73	0	%100
16	M52B	Z	-2.153	-2.153	0	%100
17	M76	X	-3.672	-3.672	0	%100
18	M76	Z	-2.12	-2.12	0	%100
19	M77	X	-1.241	-1.241	0	%100
20	M77	Z	-.716	-.716	0	%100
21	M80	X	-1.291	-1.291	0	%100
22	M80	Z	-.745	-.745	0	%100
23	M84	X	-3.672	-3.672	0	%100
24	M84	Z	-2.12	-2.12	0	%100
25	M85	X	-4.964	-4.964	0	%100
26	M85	Z	-2.866	-2.866	0	%100
27	M91	X	-5.165	-5.165	0	%100
28	M91	Z	-2.982	-2.982	0	%100
29	MP2A	X	-3.848	-3.848	0	%100
30	MP2A	Z	-2.221	-2.221	0	%100
31	MP4A	X	-3.848	-3.848	0	%100
32	MP4A	Z	-2.221	-2.221	0	%100
33	MP3A	X	-3.848	-3.848	0	%100
34	MP3A	Z	-2.221	-2.221	0	%100
35	M34	X	-1.058	-1.058	0	%100
36	M34	Z	-.611	-.611	0	%100
37	M35	X	-3.005	-3.005	0	%100
38	M35	Z	-1.735	-1.735	0	%100
39	M36	X	-.822	-.822	0	%100
40	M36	Z	-.475	-.475	0	%100
41	MP1C	X	-3.848	-3.848	0	%100
42	MP1C	Z	-2.221	-2.221	0	%100
43	M39	X	-.822	-.822	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,%]
44	M39	Z	-.475	-.475	0	%100
45	M40	X	-1.235	-1.235	0	%100
46	M40	Z	-.713	-.713	0	%100
47	M43A	X	-3.73	-3.73	0	%100
48	M43A	Z	-2.153	-2.153	0	%100
49	M44	X	-.932	-.932	0	%100
50	M44	Z	-.538	-.538	0	%100
51	M48	X	-3.672	-3.672	0	%100
52	M48	Z	-2.12	-2.12	0	%100
53	M49	X	-4.964	-4.964	0	%100
54	M49	Z	-2.866	-2.866	0	%100
55	M51C	X	-5.165	-5.165	0	%100
56	M51C	Z	-2.982	-2.982	0	%100
57	M53	X	-3.672	-3.672	0	%100
58	M53	Z	-2.12	-2.12	0	%100
59	M54	X	-1.241	-1.241	0	%100
60	M54	Z	-.716	-.716	0	%100
61	M56	X	-1.291	-1.291	0	%100
62	M56	Z	-.745	-.745	0	%100
63	MP2C	X	-3.848	-3.848	0	%100
64	MP2C	Z	-2.221	-2.221	0	%100
65	MP4C	X	-3.848	-3.848	0	%100
66	MP4C	Z	-2.221	-2.221	0	%100
67	MP3C	X	-3.848	-3.848	0	%100
68	MP3C	Z	-2.221	-2.221	0	%100
69	M67	X	-4.231	-4.231	0	%100
70	M67	Z	-2.443	-2.443	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	-3.288	-3.288	0	%100
74	M69	Z	-1.898	-1.898	0	%100
75	MP1B	X	-3.848	-3.848	0	%100
76	MP1B	Z	-2.221	-2.221	0	%100
77	M72	X	-3.288	-3.288	0	%100
78	M72	Z	-1.898	-1.898	0	%100
79	M73	X	-4.94	-4.94	0	%100
80	M73	Z	-2.852	-2.852	0	%100
81	M76A	X	-.932	-.932	0	%100
82	M76A	Z	-.538	-.538	0	%100
83	M77A	X	-.932	-.932	0	%100
84	M77A	Z	-.538	-.538	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	-1.241	-1.241	0	%100
88	M82	Z	-.716	-.716	0	%100
89	M84A	X	-1.291	-1.291	0	%100
90	M84A	Z	-.745	-.745	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	-1.241	-1.241	0	%100
94	M87	Z	-.716	-.716	0	%100
95	M89	X	-1.291	-1.291	0	%100
96	M89	Z	-.745	-.745	0	%100
97	MP2B	X	-3.848	-3.848	0	%100
98	MP2B	Z	-2.221	-2.221	0	%100
99	MP4B	X	-3.848	-3.848	0	%100
100	MP4B	Z	-2.221	-2.221	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,%]
101	MP3B	X	-3.848	-3.848	0	%100
102	MP3B	Z	-2.221	-2.221	0	%100
103	M104	X	-.885	-.885	0	%100
104	M104	Z	-.511	-.511	0	%100
105	M109	X	-.885	-.885	0	%100
106	M109	Z	-.511	-.511	0	%100
107	M114	X	-3.541	-3.541	0	%100
108	M114	Z	-2.044	-2.044	0	%100
109	M121	X	-.765	-.765	0	%100
110	M121	Z	-.442	-.442	0	%100
111	M122	X	-.765	-.765	0	%100
112	M122	Z	-.442	-.442	0	%100
113	M123	X	-3.061	-3.061	0	%100
114	M123	Z	-1.767	-1.767	0	%100
115	OVP1	X	-2.884	-2.884	0	%100
116	OVP1	Z	-1.665	-1.665	0	%100
117	OVP2	X	-2.884	-2.884	0	%100
118	OVP2	Z	-1.665	-1.665	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	-1.832	-1.832	0	%100
2	M1	Z	-3.173	-3.173	0	%100
3	M4	X	-.578	-.578	0	%100
4	M4	Z	-1.002	-1.002	0	%100
5	M10	X	-1.424	-1.424	0	%100
6	M10	Z	-2.466	-2.466	0	%100
7	MP1A	X	-2.221	-2.221	0	%100
8	MP1A	Z	-3.848	-3.848	0	%100
9	M43	X	-1.424	-1.424	0	%100
10	M43	Z	-2.466	-2.466	0	%100
11	M46	X	-2.139	-2.139	0	%100
12	M46	Z	-3.705	-3.705	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-1.615	-1.615	0	%100
16	M52B	Z	-2.797	-2.797	0	%100
17	M76	X	-.707	-.707	0	%100
18	M76	Z	-1.224	-1.224	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.707	-.707	0	%100
24	M84	Z	-1.224	-1.224	0	%100
25	M85	X	-2.149	-2.149	0	%100
26	M85	Z	-3.723	-3.723	0	%100
27	M91	X	-2.236	-2.236	0	%100
28	M91	Z	-3.873	-3.873	0	%100
29	MP2A	X	-2.221	-2.221	0	%100
30	MP2A	Z	-3.848	-3.848	0	%100
31	MP4A	X	-2.221	-2.221	0	%100
32	MP4A	Z	-3.848	-3.848	0	%100
33	MP3A	X	-2.221	-2.221	0	%100
34	MP3A	Z	-3.848	-3.848	0	%100
35	M34	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,%]
36	M34	Z	0	0	0	%100
37	M35	X	-2.313	-2.313	0	%100
38	M35	Z	-4.007	-4.007	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	-2.221	-2.221	0	%100
42	MP1C	Z	-3.848	-3.848	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	-1.615	-1.615	0	%100
48	M43A	Z	-2.797	-2.797	0	%100
49	M44	X	-1.615	-1.615	0	%100
50	M44	Z	-2.797	-2.797	0	%100
51	M48	X	-2.827	-2.827	0	%100
52	M48	Z	-4.896	-4.896	0	%100
53	M49	X	-2.149	-2.149	0	%100
54	M49	Z	-3.723	-3.723	0	%100
55	M51C	X	-2.236	-2.236	0	%100
56	M51C	Z	-3.873	-3.873	0	%100
57	M53	X	-2.827	-2.827	0	%100
58	M53	Z	-4.896	-4.896	0	%100
59	M54	X	-2.149	-2.149	0	%100
60	M54	Z	-3.723	-3.723	0	%100
61	M56	X	-2.236	-2.236	0	%100
62	M56	Z	-3.873	-3.873	0	%100
63	MP2C	X	-2.221	-2.221	0	%100
64	MP2C	Z	-3.848	-3.848	0	%100
65	MP4C	X	-2.221	-2.221	0	%100
66	MP4C	Z	-3.848	-3.848	0	%100
67	MP3C	X	-2.221	-2.221	0	%100
68	MP3C	Z	-3.848	-3.848	0	%100
69	M67	X	-1.832	-1.832	0	%100
70	M67	Z	-3.173	-3.173	0	%100
71	M68	X	-.578	-.578	0	%100
72	M68	Z	-1.002	-1.002	0	%100
73	M69	X	-1.424	-1.424	0	%100
74	M69	Z	-2.466	-2.466	0	%100
75	MP1B	X	-2.221	-2.221	0	%100
76	MP1B	Z	-3.848	-3.848	0	%100
77	M72	X	-1.424	-1.424	0	%100
78	M72	Z	-2.466	-2.466	0	%100
79	M73	X	-2.139	-2.139	0	%100
80	M73	Z	-3.705	-3.705	0	%100
81	M76A	X	-1.615	-1.615	0	%100
82	M76A	Z	-2.797	-2.797	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	-.707	-.707	0	%100
86	M81	Z	-1.224	-1.224	0	%100
87	M82	X	-2.149	-2.149	0	%100
88	M82	Z	-3.723	-3.723	0	%100
89	M84A	X	-2.236	-2.236	0	%100
90	M84A	Z	-3.873	-3.873	0	%100
91	M86	X	-.707	-.707	0	%100
92	M86	Z	-1.224	-1.224	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,%]
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	-2.221	-2.221	0	%100
98	MP2B	Z	-3.848	-3.848	0	%100
99	MP4B	X	-2.221	-2.221	0	%100
100	MP4B	Z	-3.848	-3.848	0	%100
101	MP3B	X	-2.221	-2.221	0	%100
102	MP3B	Z	-3.848	-3.848	0	%100
103	M104	X	-1.533	-1.533	0	%100
104	M104	Z	-2.656	-2.656	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	-1.533	-1.533	0	%100
108	M114	Z	-2.656	-2.656	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-1.325	-1.325	0	%100
112	M122	Z	-2.296	-2.296	0	%100
113	M123	X	-1.325	-1.325	0	%100
114	M123	Z	-2.296	-2.296	0	%100
115	OVP1	X	-1.665	-1.665	0	%100
116	OVP1	Z	-2.884	-2.884	0	%100
117	OVP2	X	-1.665	-1.665	0	%100
118	OVP2	Z	-2.884	-2.884	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	-.889	-.889	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.767	-.767	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.733	-.733	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-.767	-.767	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-1.53	-1.53	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-.212	-.212	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-.212	-.212	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-.389	-.389	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-.41	-.41	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-.389	-.389	0	%100
27	M91	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,%]
28	M91	Z	-.41	-.41	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	-.733	-.733	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	-.733	-.733	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	-.733	-.733	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.222	-.222	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.68	-.68	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.192	-.192	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	-.733	-.733	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.192	-.192	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-.382	-.382	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-.212	-.212	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-.849	-.849	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.147	-1.147	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-.389	-.389	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-.41	-.41	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.147	-1.147	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	-1.558	-1.558	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	-1.641	-1.641	0	%100
63	MP2C	X	0	0	0	%100
64	MP2C	Z	-.733	-.733	0	%100
65	MP4C	X	0	0	0	%100
66	MP4C	Z	-.733	-.733	0	%100
67	MP3C	X	0	0	0	%100
68	MP3C	Z	-.733	-.733	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-.222	-.222	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-.68	-.68	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-.192	-.192	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-.733	-.733	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	-.192	-.192	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	-.382	-.382	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	-.849	-.849	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	-.212	-.212	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,%]
85	M81	X	0	0	0	%100
86	M81	Z	-1.147	-1.147	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-1.558	-1.558	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-1.641	-1.641	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	-1.147	-1.147	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-.389	-.389	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	-.41	-.41	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	-.733	-.733	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-.733	-.733	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-.733	-.733	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	-.605	-.605	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	-.151	-.151	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-.151	-.151	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.183	-.183	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.731	-.731	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.183	-.183	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	-.564	-.564	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	-.564	-.564	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	.333	.333	0	%100
2	M1	Z	-.577	-.577	0	%100
3	M4	X	.113	.113	0	%100
4	M4	Z	-.196	-.196	0	%100
5	M10	X	.288	.288	0	%100
6	M10	Z	-.498	-.498	0	%100
7	MP1A	X	.366	.366	0	%100
8	MP1A	Z	-.635	-.635	0	%100
9	M43	X	.288	.288	0	%100
10	M43	Z	-.498	-.498	0	%100
11	M46	X	.574	.574	0	%100
12	M46	Z	-.994	-.994	0	%100
13	M51B	X	.319	.319	0	%100
14	M51B	Z	-.552	-.552	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.191	.191	0	%100
18	M76	Z	-.331	-.331	0	%100
19	M77	X	.584	.584	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,%]
20	M77	Z	-1.012	-1.012	0	%100
21	M80	X	.615	.615	0	%100
22	M80	Z	-1.066	-1.066	0	%100
23	M84	X	.191	.191	0	%100
24	M84	Z	-.331	-.331	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	.366	.366	0	%100
30	MP2A	Z	-.635	-.635	0	%100
31	MP4A	X	.366	.366	0	%100
32	MP4A	Z	-.635	-.635	0	%100
33	MP3A	X	.366	.366	0	%100
34	MP3A	Z	-.635	-.635	0	%100
35	M34	X	.333	.333	0	%100
36	M34	Z	-.577	-.577	0	%100
37	M35	X	.113	.113	0	%100
38	M35	Z	-.196	-.196	0	%100
39	M36	X	.288	.288	0	%100
40	M36	Z	-.498	-.498	0	%100
41	MP1C	X	.366	.366	0	%100
42	MP1C	Z	-.635	-.635	0	%100
43	M39	X	.288	.288	0	%100
44	M39	Z	-.498	-.498	0	%100
45	M40	X	.574	.574	0	%100
46	M40	Z	-.994	-.994	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	.319	.319	0	%100
50	M44	Z	-.552	-.552	0	%100
51	M48	X	.191	.191	0	%100
52	M48	Z	-.331	-.331	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	.191	.191	0	%100
58	M53	Z	-.331	-.331	0	%100
59	M54	X	.584	.584	0	%100
60	M54	Z	-1.012	-1.012	0	%100
61	M56	X	.615	.615	0	%100
62	M56	Z	-1.066	-1.066	0	%100
63	MP2C	X	.366	.366	0	%100
64	MP2C	Z	-.635	-.635	0	%100
65	MP4C	X	.366	.366	0	%100
66	MP4C	Z	-.635	-.635	0	%100
67	MP3C	X	.366	.366	0	%100
68	MP3C	Z	-.635	-.635	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	.453	.453	0	%100
72	M68	Z	-.785	-.785	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	.366	.366	0	%100
76	MP1B	Z	-.635	-.635	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,%]
77	M72	X	0	0	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	.319	.319	0	%100
82	M76A	Z	-.552	-.552	0	%100
83	M77A	X	.319	.319	0	%100
84	M77A	Z	-.552	-.552	0	%100
85	M81	X	.765	.765	0	%100
86	M81	Z	-1.325	-1.325	0	%100
87	M82	X	.584	.584	0	%100
88	M82	Z	-1.012	-1.012	0	%100
89	M84A	X	.615	.615	0	%100
90	M84A	Z	-1.066	-1.066	0	%100
91	M86	X	.765	.765	0	%100
92	M86	Z	-1.325	-1.325	0	%100
93	M87	X	.584	.584	0	%100
94	M87	Z	-1.012	-1.012	0	%100
95	M89	X	.615	.615	0	%100
96	M89	Z	-1.066	-1.066	0	%100
97	MP2B	X	.366	.366	0	%100
98	MP2B	Z	-.635	-.635	0	%100
99	MP4B	X	.366	.366	0	%100
100	MP4B	Z	-.635	-.635	0	%100
101	MP3B	X	.366	.366	0	%100
102	MP3B	Z	-.635	-.635	0	%100
103	M104	X	.227	.227	0	%100
104	M104	Z	-.393	-.393	0	%100
105	M109	X	.227	.227	0	%100
106	M109	Z	-.393	-.393	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	.274	.274	0	%100
110	M121	Z	-.475	-.475	0	%100
111	M122	X	.274	.274	0	%100
112	M122	Z	-.475	-.475	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	.282	.282	0	%100
116	OVP1	Z	-.488	-.488	0	%100
117	OVP2	X	.282	.282	0	%100
118	OVP2	Z	-.488	-.488	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	.192	.192	0	%100
2	M1	Z	-.111	-.111	0	%100
3	M4	X	.589	.589	0	%100
4	M4	Z	-.34	-.34	0	%100
5	M10	X	.166	.166	0	%100
6	M10	Z	-.096	-.096	0	%100
7	MP1A	X	.635	.635	0	%100
8	MP1A	Z	-.366	-.366	0	%100
9	M43	X	.166	.166	0	%100
10	M43	Z	-.096	-.096	0	%100
11	M46	X	.331	.331	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,%]
12	M46	Z	-.191	-.191	0	%100
13	M51B	X	.736	.736	0	%100
14	M51B	Z	-.425	-.425	0	%100
15	M52B	X	.184	.184	0	%100
16	M52B	Z	-.106	-.106	0	%100
17	M76	X	.994	.994	0	%100
18	M76	Z	-.574	-.574	0	%100
19	M77	X	1.349	1.349	0	%100
20	M77	Z	-.779	-.779	0	%100
21	M80	X	1.421	1.421	0	%100
22	M80	Z	-.82	-.82	0	%100
23	M84	X	.994	.994	0	%100
24	M84	Z	-.574	-.574	0	%100
25	M85	X	.337	.337	0	%100
26	M85	Z	-.195	-.195	0	%100
27	M91	X	.355	.355	0	%100
28	M91	Z	-.205	-.205	0	%100
29	MP2A	X	.635	.635	0	%100
30	MP2A	Z	-.366	-.366	0	%100
31	MP4A	X	.635	.635	0	%100
32	MP4A	Z	-.366	-.366	0	%100
33	MP3A	X	.635	.635	0	%100
34	MP3A	Z	-.366	-.366	0	%100
35	M34	X	.77	.77	0	%100
36	M34	Z	-.444	-.444	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.664	.664	0	%100
40	M36	Z	-.383	-.383	0	%100
41	MP1C	X	.635	.635	0	%100
42	MP1C	Z	-.366	-.366	0	%100
43	M39	X	.664	.664	0	%100
44	M39	Z	-.383	-.383	0	%100
45	M40	X	1.325	1.325	0	%100
46	M40	Z	-.765	-.765	0	%100
47	M43A	X	.184	.184	0	%100
48	M43A	Z	-.106	-.106	0	%100
49	M44	X	.184	.184	0	%100
50	M44	Z	-.106	-.106	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	.337	.337	0	%100
54	M49	Z	-.195	-.195	0	%100
55	M51C	X	.355	.355	0	%100
56	M51C	Z	-.205	-.205	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	.337	.337	0	%100
60	M54	Z	-.195	-.195	0	%100
61	M56	X	.355	.355	0	%100
62	M56	Z	-.205	-.205	0	%100
63	MP2C	X	.635	.635	0	%100
64	MP2C	Z	-.366	-.366	0	%100
65	MP4C	X	.635	.635	0	%100
66	MP4C	Z	-.366	-.366	0	%100
67	MP3C	X	.635	.635	0	%100
68	MP3C	Z	-.366	-.366	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,%]
69	M67	X	.192	.192	0	%100
70	M67	Z	-.111	-.111	0	%100
71	M68	X	.589	.589	0	%100
72	M68	Z	-.34	-.34	0	%100
73	M69	X	.166	.166	0	%100
74	M69	Z	-.096	-.096	0	%100
75	MP1B	X	.635	.635	0	%100
76	MP1B	Z	-.366	-.366	0	%100
77	M72	X	.166	.166	0	%100
78	M72	Z	-.096	-.096	0	%100
79	M73	X	.331	.331	0	%100
80	M73	Z	-.191	-.191	0	%100
81	M76A	X	.184	.184	0	%100
82	M76A	Z	-.106	-.106	0	%100
83	M77A	X	.736	.736	0	%100
84	M77A	Z	-.425	-.425	0	%100
85	M81	X	.994	.994	0	%100
86	M81	Z	-.574	-.574	0	%100
87	M82	X	.337	.337	0	%100
88	M82	Z	-.195	-.195	0	%100
89	M84A	X	.355	.355	0	%100
90	M84A	Z	-.205	-.205	0	%100
91	M86	X	.994	.994	0	%100
92	M86	Z	-.574	-.574	0	%100
93	M87	X	1.349	1.349	0	%100
94	M87	Z	-.779	-.779	0	%100
95	M89	X	1.421	1.421	0	%100
96	M89	Z	-.82	-.82	0	%100
97	MP2B	X	.635	.635	0	%100
98	MP2B	Z	-.366	-.366	0	%100
99	MP4B	X	.635	.635	0	%100
100	MP4B	Z	-.366	-.366	0	%100
101	MP3B	X	.635	.635	0	%100
102	MP3B	Z	-.366	-.366	0	%100
103	M104	X	.131	.131	0	%100
104	M104	Z	-.076	-.076	0	%100
105	M109	X	.524	.524	0	%100
106	M109	Z	-.303	-.303	0	%100
107	M114	X	.131	.131	0	%100
108	M114	Z	-.076	-.076	0	%100
109	M121	X	.633	.633	0	%100
110	M121	Z	-.365	-.365	0	%100
111	M122	X	.158	.158	0	%100
112	M122	Z	-.091	-.091	0	%100
113	M123	X	.158	.158	0	%100
114	M123	Z	-.091	-.091	0	%100
115	OVP1	X	.488	.488	0	%100
116	OVP1	Z	-.282	-.282	0	%100
117	OVP2	X	.488	.488	0	%100
118	OVP2	Z	-.282	-.282	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.906	.906	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,%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	.733	.733	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	.637	.637	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.637	.637	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	1.53	1.53	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	1.168	1.168	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	1.231	1.231	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	1.53	1.53	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	1.168	1.168	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	1.231	1.231	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	.733	.733	0	%100
30	MP2A	Z	0	0	0	%100
31	MP4A	X	.733	.733	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	.733	.733	0	%100
34	MP3A	Z	0	0	0	%100
35	M34	X	.667	.667	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.227	.227	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.575	.575	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	.733	.733	0	%100
42	MP1C	Z	0	0	0	%100
43	M39	X	.575	.575	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	1.147	1.147	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	.637	.637	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M48	X	.382	.382	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	1.168	1.168	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	1.231	1.231	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	.382	.382	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	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,%]
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	MP2C	X	.733	.733	0	%100
64	MP2C	Z	0	0	0	%100
65	MP4C	X	.733	.733	0	%100
66	MP4C	Z	0	0	0	%100
67	MP3C	X	.733	.733	0	%100
68	MP3C	Z	0	0	0	%100
69	M67	X	.667	.667	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	.227	.227	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	.575	.575	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	.733	.733	0	%100
76	MP1B	Z	0	0	0	%100
77	M72	X	.575	.575	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	1.147	1.147	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	0	0	0	%100
83	M77A	X	.637	.637	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	.382	.382	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M86	X	.382	.382	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	1.168	1.168	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	1.231	1.231	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	.733	.733	0	%100
98	MP2B	Z	0	0	0	%100
99	MP4B	X	.733	.733	0	%100
100	MP4B	Z	0	0	0	%100
101	MP3B	X	.733	.733	0	%100
102	MP3B	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M109	X	.454	.454	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	.454	.454	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	.548	.548	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.548	.548	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	.564	.564	0	%100
116	OVP1	Z	0	0	0	%100
117	OVP2	X	.564	.564	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,%]
118	OVP2	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	.192	.192	0	%100
2	M1	Z	.111	.111	0	%100
3	M4	X	.589	.589	0	%100
4	M4	Z	.34	.34	0	%100
5	M10	X	.166	.166	0	%100
6	M10	Z	.096	.096	0	%100
7	MP1A	X	.635	.635	0	%100
8	MP1A	Z	.366	.366	0	%100
9	M43	X	.166	.166	0	%100
10	M43	Z	.096	.096	0	%100
11	M46	X	.331	.331	0	%100
12	M46	Z	.191	.191	0	%100
13	M51B	X	.184	.184	0	%100
14	M51B	Z	.106	.106	0	%100
15	M52B	X	.736	.736	0	%100
16	M52B	Z	.425	.425	0	%100
17	M76	X	.994	.994	0	%100
18	M76	Z	.574	.574	0	%100
19	M77	X	.337	.337	0	%100
20	M77	Z	.195	.195	0	%100
21	M80	X	.355	.355	0	%100
22	M80	Z	.205	.205	0	%100
23	M84	X	.994	.994	0	%100
24	M84	Z	.574	.574	0	%100
25	M85	X	1.349	1.349	0	%100
26	M85	Z	.779	.779	0	%100
27	M91	X	1.421	1.421	0	%100
28	M91	Z	.82	.82	0	%100
29	MP2A	X	.635	.635	0	%100
30	MP2A	Z	.366	.366	0	%100
31	MP4A	X	.635	.635	0	%100
32	MP4A	Z	.366	.366	0	%100
33	MP3A	X	.635	.635	0	%100
34	MP3A	Z	.366	.366	0	%100
35	M34	X	.192	.192	0	%100
36	M34	Z	.111	.111	0	%100
37	M35	X	.589	.589	0	%100
38	M35	Z	.34	.34	0	%100
39	M36	X	.166	.166	0	%100
40	M36	Z	.096	.096	0	%100
41	MP1C	X	.635	.635	0	%100
42	MP1C	Z	.366	.366	0	%100
43	M39	X	.166	.166	0	%100
44	M39	Z	.096	.096	0	%100
45	M40	X	.331	.331	0	%100
46	M40	Z	.191	.191	0	%100
47	M43A	X	.736	.736	0	%100
48	M43A	Z	.425	.425	0	%100
49	M44	X	.184	.184	0	%100
50	M44	Z	.106	.106	0	%100
51	M48	X	.994	.994	0	%100
52	M48	Z	.574	.574	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,%]
53	M49	X	1.349	1.349	0	%100
54	M49	Z	.779	.779	0	%100
55	M51C	X	1.421	1.421	0	%100
56	M51C	Z	.82	.82	0	%100
57	M53	X	.994	.994	0	%100
58	M53	Z	.574	.574	0	%100
59	M54	X	.337	.337	0	%100
60	M54	Z	.195	.195	0	%100
61	M56	X	.355	.355	0	%100
62	M56	Z	.205	.205	0	%100
63	MP2C	X	.635	.635	0	%100
64	MP2C	Z	.366	.366	0	%100
65	MP4C	X	.635	.635	0	%100
66	MP4C	Z	.366	.366	0	%100
67	MP3C	X	.635	.635	0	%100
68	MP3C	Z	.366	.366	0	%100
69	M67	X	.77	.77	0	%100
70	M67	Z	.444	.444	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	.664	.664	0	%100
74	M69	Z	.383	.383	0	%100
75	MP1B	X	.635	.635	0	%100
76	MP1B	Z	.366	.366	0	%100
77	M72	X	.664	.664	0	%100
78	M72	Z	.383	.383	0	%100
79	M73	X	1.325	1.325	0	%100
80	M73	Z	.765	.765	0	%100
81	M76A	X	.184	.184	0	%100
82	M76A	Z	.106	.106	0	%100
83	M77A	X	.184	.184	0	%100
84	M77A	Z	.106	.106	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	.337	.337	0	%100
88	M82	Z	.195	.195	0	%100
89	M84A	X	.355	.355	0	%100
90	M84A	Z	.205	.205	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	.337	.337	0	%100
94	M87	Z	.195	.195	0	%100
95	M89	X	.355	.355	0	%100
96	M89	Z	.205	.205	0	%100
97	MP2B	X	.635	.635	0	%100
98	MP2B	Z	.366	.366	0	%100
99	MP4B	X	.635	.635	0	%100
100	MP4B	Z	.366	.366	0	%100
101	MP3B	X	.635	.635	0	%100
102	MP3B	Z	.366	.366	0	%100
103	M104	X	.131	.131	0	%100
104	M104	Z	.076	.076	0	%100
105	M109	X	.131	.131	0	%100
106	M109	Z	.076	.076	0	%100
107	M114	X	.524	.524	0	%100
108	M114	Z	.303	.303	0	%100
109	M121	X	.158	.158	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,%]
110	M121	Z	.091	.091	0	%100
111	M122	X	.158	.158	0	%100
112	M122	Z	.091	.091	0	%100
113	M123	X	.633	.633	0	%100
114	M123	Z	.365	.365	0	%100
115	OVP1	X	.488	.488	0	%100
116	OVP1	Z	.282	.282	0	%100
117	OVP2	X	.488	.488	0	%100
118	OVP2	Z	.282	.282	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	.333	.333	0	%100
2	M1	Z	.577	.577	0	%100
3	M4	X	.113	.113	0	%100
4	M4	Z	.196	.196	0	%100
5	M10	X	.288	.288	0	%100
6	M10	Z	.498	.498	0	%100
7	MP1A	X	.366	.366	0	%100
8	MP1A	Z	.635	.635	0	%100
9	M43	X	.288	.288	0	%100
10	M43	Z	.498	.498	0	%100
11	M46	X	.574	.574	0	%100
12	M46	Z	.994	.994	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.319	.319	0	%100
16	M52B	Z	.552	.552	0	%100
17	M76	X	.191	.191	0	%100
18	M76	Z	.331	.331	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.191	.191	0	%100
24	M84	Z	.331	.331	0	%100
25	M85	X	.584	.584	0	%100
26	M85	Z	1.012	1.012	0	%100
27	M91	X	.615	.615	0	%100
28	M91	Z	1.066	1.066	0	%100
29	MP2A	X	.366	.366	0	%100
30	MP2A	Z	.635	.635	0	%100
31	MP4A	X	.366	.366	0	%100
32	MP4A	Z	.635	.635	0	%100
33	MP3A	X	.366	.366	0	%100
34	MP3A	Z	.635	.635	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.453	.453	0	%100
38	M35	Z	.785	.785	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	.366	.366	0	%100
42	MP1C	Z	.635	.635	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	.319	.319	0	%100
48	M43A	Z	.552	.552	0	%100
49	M44	X	.319	.319	0	%100
50	M44	Z	.552	.552	0	%100
51	M48	X	.765	.765	0	%100
52	M48	Z	1.325	1.325	0	%100
53	M49	X	.584	.584	0	%100
54	M49	Z	1.012	1.012	0	%100
55	M51C	X	.615	.615	0	%100
56	M51C	Z	1.066	1.066	0	%100
57	M53	X	.765	.765	0	%100
58	M53	Z	1.325	1.325	0	%100
59	M54	X	.584	.584	0	%100
60	M54	Z	1.012	1.012	0	%100
61	M56	X	.615	.615	0	%100
62	M56	Z	1.066	1.066	0	%100
63	MP2C	X	.366	.366	0	%100
64	MP2C	Z	.635	.635	0	%100
65	MP4C	X	.366	.366	0	%100
66	MP4C	Z	.635	.635	0	%100
67	MP3C	X	.366	.366	0	%100
68	MP3C	Z	.635	.635	0	%100
69	M67	X	.333	.333	0	%100
70	M67	Z	.577	.577	0	%100
71	M68	X	.113	.113	0	%100
72	M68	Z	.196	.196	0	%100
73	M69	X	.288	.288	0	%100
74	M69	Z	.498	.498	0	%100
75	MP1B	X	.366	.366	0	%100
76	MP1B	Z	.635	.635	0	%100
77	M72	X	.288	.288	0	%100
78	M72	Z	.498	.498	0	%100
79	M73	X	.574	.574	0	%100
80	M73	Z	.994	.994	0	%100
81	M76A	X	.319	.319	0	%100
82	M76A	Z	.552	.552	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	.191	.191	0	%100
86	M81	Z	.331	.331	0	%100
87	M82	X	.584	.584	0	%100
88	M82	Z	1.012	1.012	0	%100
89	M84A	X	.615	.615	0	%100
90	M84A	Z	1.066	1.066	0	%100
91	M86	X	.191	.191	0	%100
92	M86	Z	.331	.331	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	.366	.366	0	%100
98	MP2B	Z	.635	.635	0	%100
99	MP4B	X	.366	.366	0	%100
100	MP4B	Z	.635	.635	0	%100
101	MP3B	X	.366	.366	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,%]
102	MP3B	Z	.635	.635	0	%100
103	M104	X	.227	.227	0	%100
104	M104	Z	.393	.393	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	.227	.227	0	%100
108	M114	Z	.393	.393	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.274	.274	0	%100
112	M122	Z	.475	.475	0	%100
113	M123	X	.274	.274	0	%100
114	M123	Z	.475	.475	0	%100
115	OVP1	X	.282	.282	0	%100
116	OVP1	Z	.488	.488	0	%100
117	OVP2	X	.282	.282	0	%100
118	OVP2	Z	.488	.488	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	.889	.889	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.767	.767	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.733	.733	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	.767	.767	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	1.53	1.53	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	.212	.212	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	.212	.212	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	.389	.389	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	.41	.41	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	.389	.389	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	.41	.41	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	.733	.733	0	%100
31	MP4A	X	0	0	0	%100
32	MP4A	Z	.733	.733	0	%100
33	MP3A	X	0	0	0	%100
34	MP3A	Z	.733	.733	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.222	.222	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,%]
37	M35	X	0	0	0	%100
38	M35	Z	.68	.68	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.192	.192	0	%100
41	MP1C	X	0	0	0	%100
42	MP1C	Z	.733	.733	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.192	.192	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	.382	.382	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	.212	.212	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	.849	.849	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.147	1.147	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	.389	.389	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	.41	.41	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.147	1.147	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	1.558	1.558	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	1.641	1.641	0	%100
63	MP2C	X	0	0	0	%100
64	MP2C	Z	.733	.733	0	%100
65	MP4C	X	0	0	0	%100
66	MP4C	Z	.733	.733	0	%100
67	MP3C	X	0	0	0	%100
68	MP3C	Z	.733	.733	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	.222	.222	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	.68	.68	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	.192	.192	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	.733	.733	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	.192	.192	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	.382	.382	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	.849	.849	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	.212	.212	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	1.147	1.147	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	1.558	1.558	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	1.641	1.641	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	1.147	1.147	0	%100
93	M87	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,%]
94	M87	Z	.389	.389	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	.41	.41	0	%100
97	MP2B	X	0	0	0	%100
98	MP2B	Z	.733	.733	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	.733	.733	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	.733	.733	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	.605	.605	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	.151	.151	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	.151	.151	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.183	.183	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.731	.731	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.183	.183	0	%100
115	OVP1	X	0	0	0	%100
116	OVP1	Z	.564	.564	0	%100
117	OVP2	X	0	0	0	%100
118	OVP2	Z	.564	.564	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	-.333	-.333	0	%100
2	M1	Z	.577	.577	0	%100
3	M4	X	-.113	-.113	0	%100
4	M4	Z	.196	.196	0	%100
5	M10	X	-.288	-.288	0	%100
6	M10	Z	.498	.498	0	%100
7	MP1A	X	-.366	-.366	0	%100
8	MP1A	Z	.635	.635	0	%100
9	M43	X	-.288	-.288	0	%100
10	M43	Z	.498	.498	0	%100
11	M46	X	-.574	-.574	0	%100
12	M46	Z	.994	.994	0	%100
13	M51B	X	-.319	-.319	0	%100
14	M51B	Z	.552	.552	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.191	-.191	0	%100
18	M76	Z	.331	.331	0	%100
19	M77	X	-.584	-.584	0	%100
20	M77	Z	1.012	1.012	0	%100
21	M80	X	-.615	-.615	0	%100
22	M80	Z	1.066	1.066	0	%100
23	M84	X	-.191	-.191	0	%100
24	M84	Z	.331	.331	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	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,%]
29	MP2A	X	-.366	-.366	0	%100
30	MP2A	Z	.635	.635	0	%100
31	MP4A	X	-.366	-.366	0	%100
32	MP4A	Z	.635	.635	0	%100
33	MP3A	X	-.366	-.366	0	%100
34	MP3A	Z	.635	.635	0	%100
35	M34	X	-.333	-.333	0	%100
36	M34	Z	.577	.577	0	%100
37	M35	X	-.113	-.113	0	%100
38	M35	Z	.196	.196	0	%100
39	M36	X	-.288	-.288	0	%100
40	M36	Z	.498	.498	0	%100
41	MP1C	X	-.366	-.366	0	%100
42	MP1C	Z	.635	.635	0	%100
43	M39	X	-.288	-.288	0	%100
44	M39	Z	.498	.498	0	%100
45	M40	X	-.574	-.574	0	%100
46	M40	Z	.994	.994	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	-.319	-.319	0	%100
50	M44	Z	.552	.552	0	%100
51	M48	X	-.191	-.191	0	%100
52	M48	Z	.331	.331	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	-.191	-.191	0	%100
58	M53	Z	.331	.331	0	%100
59	M54	X	-.584	-.584	0	%100
60	M54	Z	1.012	1.012	0	%100
61	M56	X	-.615	-.615	0	%100
62	M56	Z	1.066	1.066	0	%100
63	MP2C	X	-.366	-.366	0	%100
64	MP2C	Z	.635	.635	0	%100
65	MP4C	X	-.366	-.366	0	%100
66	MP4C	Z	.635	.635	0	%100
67	MP3C	X	-.366	-.366	0	%100
68	MP3C	Z	.635	.635	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	0	0	0	%100
71	M68	X	-.453	-.453	0	%100
72	M68	Z	.785	.785	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	-.366	-.366	0	%100
76	MP1B	Z	.635	.635	0	%100
77	M72	X	0	0	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	0	0	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	-.319	-.319	0	%100
82	M76A	Z	.552	.552	0	%100
83	M77A	X	-.319	-.319	0	%100
84	M77A	Z	.552	.552	0	%100
85	M81	X	-.765	-.765	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,%]
86	M81	Z	1.325	1.325	0	%100
87	M82	X	-.584	-.584	0	%100
88	M82	Z	1.012	1.012	0	%100
89	M84A	X	-.615	-.615	0	%100
90	M84A	Z	1.066	1.066	0	%100
91	M86	X	-.765	-.765	0	%100
92	M86	Z	1.325	1.325	0	%100
93	M87	X	-.584	-.584	0	%100
94	M87	Z	1.012	1.012	0	%100
95	M89	X	-.615	-.615	0	%100
96	M89	Z	1.066	1.066	0	%100
97	MP2B	X	-.366	-.366	0	%100
98	MP2B	Z	.635	.635	0	%100
99	MP4B	X	-.366	-.366	0	%100
100	MP4B	Z	.635	.635	0	%100
101	MP3B	X	-.366	-.366	0	%100
102	MP3B	Z	.635	.635	0	%100
103	M104	X	-.227	-.227	0	%100
104	M104	Z	.393	.393	0	%100
105	M109	X	-.227	-.227	0	%100
106	M109	Z	.393	.393	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-.274	-.274	0	%100
110	M121	Z	.475	.475	0	%100
111	M122	X	-.274	-.274	0	%100
112	M122	Z	.475	.475	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	-.282	-.282	0	%100
116	OVP1	Z	.488	.488	0	%100
117	OVP2	X	-.282	-.282	0	%100
118	OVP2	Z	.488	.488	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	-.192	-.192	0	%100
2	M1	Z	.111	.111	0	%100
3	M4	X	-.589	-.589	0	%100
4	M4	Z	.34	.34	0	%100
5	M10	X	-.166	-.166	0	%100
6	M10	Z	.096	.096	0	%100
7	MP1A	X	-.635	-.635	0	%100
8	MP1A	Z	.366	.366	0	%100
9	M43	X	-.166	-.166	0	%100
10	M43	Z	.096	.096	0	%100
11	M46	X	-.331	-.331	0	%100
12	M46	Z	.191	.191	0	%100
13	M51B	X	-.736	-.736	0	%100
14	M51B	Z	.425	.425	0	%100
15	M52B	X	-.184	-.184	0	%100
16	M52B	Z	.106	.106	0	%100
17	M76	X	-.994	-.994	0	%100
18	M76	Z	.574	.574	0	%100
19	M77	X	-1.349	-1.349	0	%100
20	M77	Z	.779	.779	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,%]
21	M80	X	-1.421	-1.421	0	%100
22	M80	Z	.82	.82	0	%100
23	M84	X	-.994	-.994	0	%100
24	M84	Z	.574	.574	0	%100
25	M85	X	-.337	-.337	0	%100
26	M85	Z	.195	.195	0	%100
27	M91	X	-.355	-.355	0	%100
28	M91	Z	.205	.205	0	%100
29	MP2A	X	-.635	-.635	0	%100
30	MP2A	Z	.366	.366	0	%100
31	MP4A	X	-.635	-.635	0	%100
32	MP4A	Z	.366	.366	0	%100
33	MP3A	X	-.635	-.635	0	%100
34	MP3A	Z	.366	.366	0	%100
35	M34	X	-.77	-.77	0	%100
36	M34	Z	.444	.444	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.664	-.664	0	%100
40	M36	Z	.383	.383	0	%100
41	MP1C	X	-.635	-.635	0	%100
42	MP1C	Z	.366	.366	0	%100
43	M39	X	-.664	-.664	0	%100
44	M39	Z	.383	.383	0	%100
45	M40	X	-1.325	-1.325	0	%100
46	M40	Z	.765	.765	0	%100
47	M43A	X	-.184	-.184	0	%100
48	M43A	Z	.106	.106	0	%100
49	M44	X	-.184	-.184	0	%100
50	M44	Z	.106	.106	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-.337	-.337	0	%100
54	M49	Z	.195	.195	0	%100
55	M51C	X	-.355	-.355	0	%100
56	M51C	Z	.205	.205	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	-.337	-.337	0	%100
60	M54	Z	.195	.195	0	%100
61	M56	X	-.355	-.355	0	%100
62	M56	Z	.205	.205	0	%100
63	MP2C	X	-.635	-.635	0	%100
64	MP2C	Z	.366	.366	0	%100
65	MP4C	X	-.635	-.635	0	%100
66	MP4C	Z	.366	.366	0	%100
67	MP3C	X	-.635	-.635	0	%100
68	MP3C	Z	.366	.366	0	%100
69	M67	X	-.192	-.192	0	%100
70	M67	Z	.111	.111	0	%100
71	M68	X	-.589	-.589	0	%100
72	M68	Z	.34	.34	0	%100
73	M69	X	-.166	-.166	0	%100
74	M69	Z	.096	.096	0	%100
75	MP1B	X	-.635	-.635	0	%100
76	MP1B	Z	.366	.366	0	%100
77	M72	X	-.166	-.166	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,%]
78	M72	Z	.096	.096	0	%100
79	M73	X	-.331	-.331	0	%100
80	M73	Z	.191	.191	0	%100
81	M76A	X	-.184	-.184	0	%100
82	M76A	Z	.106	.106	0	%100
83	M77A	X	-.736	-.736	0	%100
84	M77A	Z	.425	.425	0	%100
85	M81	X	-.994	-.994	0	%100
86	M81	Z	.574	.574	0	%100
87	M82	X	-.337	-.337	0	%100
88	M82	Z	.195	.195	0	%100
89	M84A	X	-.355	-.355	0	%100
90	M84A	Z	.205	.205	0	%100
91	M86	X	-.994	-.994	0	%100
92	M86	Z	.574	.574	0	%100
93	M87	X	-1.349	-1.349	0	%100
94	M87	Z	.779	.779	0	%100
95	M89	X	-1.421	-1.421	0	%100
96	M89	Z	.82	.82	0	%100
97	MP2B	X	-.635	-.635	0	%100
98	MP2B	Z	.366	.366	0	%100
99	MP4B	X	-.635	-.635	0	%100
100	MP4B	Z	.366	.366	0	%100
101	MP3B	X	-.635	-.635	0	%100
102	MP3B	Z	.366	.366	0	%100
103	M104	X	-.131	-.131	0	%100
104	M104	Z	.076	.076	0	%100
105	M109	X	-.524	-.524	0	%100
106	M109	Z	.303	.303	0	%100
107	M114	X	-.131	-.131	0	%100
108	M114	Z	.076	.076	0	%100
109	M121	X	-.633	-.633	0	%100
110	M121	Z	.365	.365	0	%100
111	M122	X	-.158	-.158	0	%100
112	M122	Z	.091	.091	0	%100
113	M123	X	-.158	-.158	0	%100
114	M123	Z	.091	.091	0	%100
115	OVP1	X	-.488	-.488	0	%100
116	OVP1	Z	.282	.282	0	%100
117	OVP2	X	-.488	-.488	0	%100
118	OVP2	Z	.282	.282	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.906	-.906	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-.733	-.733	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	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,%]
13	M51B	X	-.637	-.637	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.637	-.637	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-1.53	-1.53	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-1.168	-1.168	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-1.231	-1.231	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-1.53	-1.53	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-1.168	-1.168	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-1.231	-1.231	0	%100
28	M91	Z	0	0	0	%100
29	MP2A	X	-.733	-.733	0	%100
30	MP2A	Z	0	0	0	%100
31	MP4A	X	-.733	-.733	0	%100
32	MP4A	Z	0	0	0	%100
33	MP3A	X	-.733	-.733	0	%100
34	MP3A	Z	0	0	0	%100
35	M34	X	-.667	-.667	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.227	-.227	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.575	-.575	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	-.733	-.733	0	%100
42	MP1C	Z	0	0	0	%100
43	M39	X	-.575	-.575	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-1.147	-1.147	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	-.637	-.637	0	%100
48	M43A	Z	0	0	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	0	0	0	%100
51	M48	X	-.382	-.382	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-1.168	-1.168	0	%100
54	M49	Z	0	0	0	%100
55	M51C	X	-1.231	-1.231	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	-.382	-.382	0	%100
58	M53	Z	0	0	0	%100
59	M54	X	0	0	0	%100
60	M54	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	MP2C	X	-.733	-.733	0	%100
64	MP2C	Z	0	0	0	%100
65	MP4C	X	-.733	-.733	0	%100
66	MP4C	Z	0	0	0	%100
67	MP3C	X	-.733	-.733	0	%100
68	MP3C	Z	0	0	0	%100
69	M67	X	-.667	-.667	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,%]
70	M67	Z	0	0	0	%100
71	M68	X	-.227	-.227	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	-.575	-.575	0	%100
74	M69	Z	0	0	0	%100
75	MP1B	X	-.733	-.733	0	%100
76	MP1B	Z	0	0	0	%100
77	M72	X	-.575	-.575	0	%100
78	M72	Z	0	0	0	%100
79	M73	X	-1.147	-1.147	0	%100
80	M73	Z	0	0	0	%100
81	M76A	X	0	0	0	%100
82	M76A	Z	0	0	0	%100
83	M77A	X	-.637	-.637	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	-.382	-.382	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M86	X	-.382	-.382	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	-1.168	-1.168	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	-1.231	-1.231	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	-.733	-.733	0	%100
98	MP2B	Z	0	0	0	%100
99	MP4B	X	-.733	-.733	0	%100
100	MP4B	Z	0	0	0	%100
101	MP3B	X	-.733	-.733	0	%100
102	MP3B	Z	0	0	0	%100
103	M104	X	0	0	0	%100
104	M104	Z	0	0	0	%100
105	M109	X	-.454	-.454	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	-.454	-.454	0	%100
108	M114	Z	0	0	0	%100
109	M121	X	-.548	-.548	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.548	-.548	0	%100
114	M123	Z	0	0	0	%100
115	OVP1	X	-.564	-.564	0	%100
116	OVP1	Z	0	0	0	%100
117	OVP2	X	-.564	-.564	0	%100
118	OVP2	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	-.192	-.192	0	%100
2	M1	Z	-.111	-.111	0	%100
3	M4	X	-.589	-.589	0	%100
4	M4	Z	-.34	-.34	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,%]
5	M10	X	-.166	-.166	0	%100
6	M10	Z	-.096	-.096	0	%100
7	MP1A	X	-.635	-.635	0	%100
8	MP1A	Z	-.366	-.366	0	%100
9	M43	X	-.166	-.166	0	%100
10	M43	Z	-.096	-.096	0	%100
11	M46	X	-.331	-.331	0	%100
12	M46	Z	-.191	-.191	0	%100
13	M51B	X	-.184	-.184	0	%100
14	M51B	Z	-.106	-.106	0	%100
15	M52B	X	-.736	-.736	0	%100
16	M52B	Z	-.425	-.425	0	%100
17	M76	X	-.994	-.994	0	%100
18	M76	Z	-.574	-.574	0	%100
19	M77	X	-.337	-.337	0	%100
20	M77	Z	-.195	-.195	0	%100
21	M80	X	-.355	-.355	0	%100
22	M80	Z	-.205	-.205	0	%100
23	M84	X	-.994	-.994	0	%100
24	M84	Z	-.574	-.574	0	%100
25	M85	X	-1.349	-1.349	0	%100
26	M85	Z	-.779	-.779	0	%100
27	M91	X	-1.421	-1.421	0	%100
28	M91	Z	-.82	-.82	0	%100
29	MP2A	X	-.635	-.635	0	%100
30	MP2A	Z	-.366	-.366	0	%100
31	MP4A	X	-.635	-.635	0	%100
32	MP4A	Z	-.366	-.366	0	%100
33	MP3A	X	-.635	-.635	0	%100
34	MP3A	Z	-.366	-.366	0	%100
35	M34	X	-.192	-.192	0	%100
36	M34	Z	-.111	-.111	0	%100
37	M35	X	-.589	-.589	0	%100
38	M35	Z	-.34	-.34	0	%100
39	M36	X	-.166	-.166	0	%100
40	M36	Z	-.096	-.096	0	%100
41	MP1C	X	-.635	-.635	0	%100
42	MP1C	Z	-.366	-.366	0	%100
43	M39	X	-.166	-.166	0	%100
44	M39	Z	-.096	-.096	0	%100
45	M40	X	-.331	-.331	0	%100
46	M40	Z	-.191	-.191	0	%100
47	M43A	X	-.736	-.736	0	%100
48	M43A	Z	-.425	-.425	0	%100
49	M44	X	-.184	-.184	0	%100
50	M44	Z	-.106	-.106	0	%100
51	M48	X	-.994	-.994	0	%100
52	M48	Z	-.574	-.574	0	%100
53	M49	X	-1.349	-1.349	0	%100
54	M49	Z	-.779	-.779	0	%100
55	M51C	X	-1.421	-1.421	0	%100
56	M51C	Z	-.82	-.82	0	%100
57	M53	X	-.994	-.994	0	%100
58	M53	Z	-.574	-.574	0	%100
59	M54	X	-.337	-.337	0	%100
60	M54	Z	-.195	-.195	0	%100
61	M56	X	-.355	-.355	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,%]
62	M56	Z	-.205	-.205	0	%100
63	MP2C	X	-.635	-.635	0	%100
64	MP2C	Z	-.366	-.366	0	%100
65	MP4C	X	-.635	-.635	0	%100
66	MP4C	Z	-.366	-.366	0	%100
67	MP3C	X	-.635	-.635	0	%100
68	MP3C	Z	-.366	-.366	0	%100
69	M67	X	-.77	-.77	0	%100
70	M67	Z	-.444	-.444	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M69	X	-.664	-.664	0	%100
74	M69	Z	-.383	-.383	0	%100
75	MP1B	X	-.635	-.635	0	%100
76	MP1B	Z	-.366	-.366	0	%100
77	M72	X	-.664	-.664	0	%100
78	M72	Z	-.383	-.383	0	%100
79	M73	X	-1.325	-1.325	0	%100
80	M73	Z	-.765	-.765	0	%100
81	M76A	X	-.184	-.184	0	%100
82	M76A	Z	-.106	-.106	0	%100
83	M77A	X	-.184	-.184	0	%100
84	M77A	Z	-.106	-.106	0	%100
85	M81	X	0	0	0	%100
86	M81	Z	0	0	0	%100
87	M82	X	-.337	-.337	0	%100
88	M82	Z	-.195	-.195	0	%100
89	M84A	X	-.355	-.355	0	%100
90	M84A	Z	-.205	-.205	0	%100
91	M86	X	0	0	0	%100
92	M86	Z	0	0	0	%100
93	M87	X	-.337	-.337	0	%100
94	M87	Z	-.195	-.195	0	%100
95	M89	X	-.355	-.355	0	%100
96	M89	Z	-.205	-.205	0	%100
97	MP2B	X	-.635	-.635	0	%100
98	MP2B	Z	-.366	-.366	0	%100
99	MP4B	X	-.635	-.635	0	%100
100	MP4B	Z	-.366	-.366	0	%100
101	MP3B	X	-.635	-.635	0	%100
102	MP3B	Z	-.366	-.366	0	%100
103	M104	X	-.131	-.131	0	%100
104	M104	Z	-.076	-.076	0	%100
105	M109	X	-.131	-.131	0	%100
106	M109	Z	-.076	-.076	0	%100
107	M114	X	-.524	-.524	0	%100
108	M114	Z	-.303	-.303	0	%100
109	M121	X	-.158	-.158	0	%100
110	M121	Z	-.091	-.091	0	%100
111	M122	X	-.158	-.158	0	%100
112	M122	Z	-.091	-.091	0	%100
113	M123	X	-.633	-.633	0	%100
114	M123	Z	-.365	-.365	0	%100
115	OVP1	X	-.488	-.488	0	%100
116	OVP1	Z	-.282	-.282	0	%100
117	OVP2	X	-.488	-.488	0	%100
118	OVP2	Z	-.282	-.282	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	-.333	-.333	0	%100
2	M1	Z	-.577	-.577	0	%100
3	M4	X	-.113	-.113	0	%100
4	M4	Z	-.196	-.196	0	%100
5	M10	X	-.288	-.288	0	%100
6	M10	Z	-.498	-.498	0	%100
7	MP1A	X	-.366	-.366	0	%100
8	MP1A	Z	-.635	-.635	0	%100
9	M43	X	-.288	-.288	0	%100
10	M43	Z	-.498	-.498	0	%100
11	M46	X	-.574	-.574	0	%100
12	M46	Z	-.994	-.994	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.319	-.319	0	%100
16	M52B	Z	-.552	-.552	0	%100
17	M76	X	-.191	-.191	0	%100
18	M76	Z	-.331	-.331	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.191	-.191	0	%100
24	M84	Z	-.331	-.331	0	%100
25	M85	X	-.584	-.584	0	%100
26	M85	Z	-1.012	-1.012	0	%100
27	M91	X	-.615	-.615	0	%100
28	M91	Z	-1.066	-1.066	0	%100
29	MP2A	X	-.366	-.366	0	%100
30	MP2A	Z	-.635	-.635	0	%100
31	MP4A	X	-.366	-.366	0	%100
32	MP4A	Z	-.635	-.635	0	%100
33	MP3A	X	-.366	-.366	0	%100
34	MP3A	Z	-.635	-.635	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.453	-.453	0	%100
38	M35	Z	-.785	-.785	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	MP1C	X	-.366	-.366	0	%100
42	MP1C	Z	-.635	-.635	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43A	X	-.319	-.319	0	%100
48	M43A	Z	-.552	-.552	0	%100
49	M44	X	-.319	-.319	0	%100
50	M44	Z	-.552	-.552	0	%100
51	M48	X	-.765	-.765	0	%100
52	M48	Z	-1.325	-1.325	0	%100
53	M49	X	-.584	-.584	0	%100
54	M49	Z	-1.012	-1.012	0	%100
55	M51C	X	-.615	-.615	0	%100
56	M51C	Z	-1.066	-1.066	0	%100
57	M53	X	-.765	-.765	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	-1.325	-1.325	0	%100
59	M54	X	-.584	-.584	0	%100
60	M54	Z	-1.012	-1.012	0	%100
61	M56	X	-.615	-.615	0	%100
62	M56	Z	-1.066	-1.066	0	%100
63	MP2C	X	-.366	-.366	0	%100
64	MP2C	Z	-.635	-.635	0	%100
65	MP4C	X	-.366	-.366	0	%100
66	MP4C	Z	-.635	-.635	0	%100
67	MP3C	X	-.366	-.366	0	%100
68	MP3C	Z	-.635	-.635	0	%100
69	M67	X	-.333	-.333	0	%100
70	M67	Z	-.577	-.577	0	%100
71	M68	X	-.113	-.113	0	%100
72	M68	Z	-.196	-.196	0	%100
73	M69	X	-.288	-.288	0	%100
74	M69	Z	-.498	-.498	0	%100
75	MP1B	X	-.366	-.366	0	%100
76	MP1B	Z	-.635	-.635	0	%100
77	M72	X	-.288	-.288	0	%100
78	M72	Z	-.498	-.498	0	%100
79	M73	X	-.574	-.574	0	%100
80	M73	Z	-.994	-.994	0	%100
81	M76A	X	-.319	-.319	0	%100
82	M76A	Z	-.552	-.552	0	%100
83	M77A	X	0	0	0	%100
84	M77A	Z	0	0	0	%100
85	M81	X	-.191	-.191	0	%100
86	M81	Z	-.331	-.331	0	%100
87	M82	X	-.584	-.584	0	%100
88	M82	Z	-1.012	-1.012	0	%100
89	M84A	X	-.615	-.615	0	%100
90	M84A	Z	-1.066	-1.066	0	%100
91	M86	X	-.191	-.191	0	%100
92	M86	Z	-.331	-.331	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M89	X	0	0	0	%100
96	M89	Z	0	0	0	%100
97	MP2B	X	-.366	-.366	0	%100
98	MP2B	Z	-.635	-.635	0	%100
99	MP4B	X	-.366	-.366	0	%100
100	MP4B	Z	-.635	-.635	0	%100
101	MP3B	X	-.366	-.366	0	%100
102	MP3B	Z	-.635	-.635	0	%100
103	M104	X	-.227	-.227	0	%100
104	M104	Z	-.393	-.393	0	%100
105	M109	X	0	0	0	%100
106	M109	Z	0	0	0	%100
107	M114	X	-.227	-.227	0	%100
108	M114	Z	-.393	-.393	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.274	-.274	0	%100
112	M122	Z	-.475	-.475	0	%100
113	M123	X	-.274	-.274	0	%100
114	M123	Z	-.475	-.475	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,%]
115	OVP1	X	-.282	-.282	0	%100
116	OVP1	Z	-.488	-.488	0	%100
117	OVP2	X	-.282	-.282	0	%100
118	OVP2	Z	-.488	-.488	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	M76A	Y	-1.601	-4.064	0	.832
2	M76A	Y	-4.064	-6.634	.832	1.665
3	M76A	Y	-6.634	-7.874	1.665	2.497
4	M76A	Y	-7.874	-6.293	2.497	3.329
5	M76A	Y	-6.293	-3.33	3.329	4.162
6	M77A	Y	-3.336	-6.325	0	.832
7	M77A	Y	-6.325	-7.939	.832	1.665
8	M77A	Y	-7.939	-6.771	1.665	2.497
9	M77A	Y	-6.771	-4.258	2.497	3.329
10	M77A	Y	-4.258	-1.807	3.329	4.162
11	M51B	Y	-1.597	-4.066	0	.832
12	M51B	Y	-4.066	-6.636	.832	1.665
13	M51B	Y	-6.636	-7.874	1.665	2.497
14	M51B	Y	-7.874	-6.293	2.497	3.329
15	M51B	Y	-6.293	-3.33	3.329	4.162
16	M52B	Y	-3.329	-6.32	0	.832
17	M52B	Y	-6.32	-7.943	.832	1.665
18	M52B	Y	-7.943	-6.773	1.665	2.497
19	M52B	Y	-6.773	-4.256	2.497	3.329
20	M52B	Y	-4.256	-1.812	3.329	4.162
21	M43A	Y	-1.807	-4.258	0	.832
22	M43A	Y	-4.258	-6.771	.832	1.665
23	M43A	Y	-6.771	-7.939	1.665	2.497
24	M43A	Y	-7.939	-6.325	2.497	3.329
25	M43A	Y	-6.325	-3.336	3.329	4.162
26	M44	Y	-3.33	-6.293	0	.832
27	M44	Y	-6.293	-7.874	.832	1.665
28	M44	Y	-7.874	-6.634	1.665	2.497
29	M44	Y	-6.634	-4.064	2.497	3.329
30	M44	Y	-4.064	-1.601	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M76A	Y	-3.843	-9.754	0	.832
2	M76A	Y	-9.754	-15.923	.832	1.665
3	M76A	Y	-15.923	-18.897	1.665	2.497
4	M76A	Y	-18.897	-15.103	2.497	3.329
5	M76A	Y	-15.103	-7.991	3.329	4.162
6	M77A	Y	-8.007	-15.18	0	.832
7	M77A	Y	-15.18	-19.053	.832	1.665
8	M77A	Y	-19.053	-16.25	1.665	2.497
9	M77A	Y	-16.25	-10.219	2.497	3.329
10	M77A	Y	-10.219	-4.337	3.329	4.162
11	M51B	Y	-3.834	-9.758	0	.832
12	M51B	Y	-9.758	-15.927	.832	1.665
13	M51B	Y	-15.927	-18.897	1.665	2.497
14	M51B	Y	-18.897	-15.103	2.497	3.329
15	M51B	Y	-15.103	-7.992	3.329	4.162
16	M52B	Y	-7.988	-15.169	0	.832

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,%]
17	M52B	Y	-15.169	-19.062	.832	1.665
18	M52B	Y	-19.062	-16.256	1.665	2.497
19	M52B	Y	-16.256	-10.214	2.497	3.329
20	M52B	Y	-10.214	-4.349	3.329	4.162
21	M43A	Y	-4.337	-10.219	0	.832
22	M43A	Y	-10.219	-16.25	.832	1.665
23	M43A	Y	-16.25	-19.053	1.665	2.497
24	M43A	Y	-19.053	-15.18	2.497	3.329
25	M43A	Y	-15.18	-8.007	3.329	4.162
26	M44	Y	-7.991	-15.103	0	.832
27	M44	Y	-15.103	-18.897	.832	1.665
28	M44	Y	-18.897	-15.923	1.665	2.497
29	M44	Y	-15.923	-9.754	2.497	3.329
30	M44	Y	-9.754	-3.843	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N99	N98	N124	N126	Y	Two Way	-.005
2	N6	N7	N87B	N87C	Y	Two Way	-.005
3	N52	N53	N80	N78	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N99	N98	N124	N126	Y	Two Way	-.012
2	N6	N7	N87B	N87C	Y	Two Way	-.012
3	N52	N53	N80	N78	Y	Two Way	-.012

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	1230.188	10	3056.503	13	2443.123	1	6.246	13	1.725	4	.075	4
2		min	-1242.036	4	579.588	7	-2590.968	7	.376	7	-1.749	10	-.37	21
3	N50	max	1941.977	9	2844.145	21	1589.573	1	-.389	3	1.608	12	-.295	3
4		min	-2063.179	3	523.945	3	-1505.309	7	-3.323	21	-1.633	6	-5.085	21
5	N96	max	2376.029	10	3058.512	17	1313.24	1	-.031	11	1.73	8	5.569	17
6		min	-2239.591	4	579.935	11	-1249.659	7	-2.851	17	-1.755	2	.417	11
7	Totals:	max	5364.821	10	8594.926	19	5345.936	1						
8		min	-5364.817	4	3090.386	1	-5345.935	7						

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
1	M1	PIPE_3.0	.164	4.427	17	.077	8.203		18	28250.5...	65205	5.749	5.749	1...	H1-1b
2	M4	HSS4X4X4	.394	0	23	.104	0	y	23	124657....	139518	16.181	16.181	3...	H1-1b
3	M10	HSS4X4X4	.195	2.375	14	.055	2.375	y	23	136263....	139518	16.181	16.181	1...	H1-1b
4	MP1A	PIPE_2.0	.311	4	21	.091	4		8	14916.0...	32130	1.872	1.872	1...	H1-1b
5	M43	HSS4X4X4	.197	0	24	.068	0	y	16	136263....	139518	16.181	16.181	1...	H1-1b
6	M46	PL1/2x6	.196	.516	2	.131	.516	y	15	66009.2...	97200	1.012	12.15	1...	H1-1b
7	M51B	L2x2x3	.147	4.162	2	.015	0	y	17	9823.122	23392.8	.558	1.094	1...	H2-1
8	M52B	L2x2x3	.171	0	12	.013	0	y	21	9823.122	23392.8	.558	1.092	1...	H2-1
9	M76	PL3/8x6	.241	0	2	.327	0	y	18	70677.9...	72900	.57	9.113	1...	H1-1b
10	M77	PL3/8x6	.259	.167	8	.379	0	y	13	71601.7...	72900	.57	9.113	1...	H1-1b
11	M80	PL1/2x6	.059	.112	1	.070	.112	y	5	96757.5...	97200	1.012	12.15	1...	H1-1b
12	M84	PL3/8x6	.211	0	10	.170	0	y	20	70677.9...	72900	.57	9.113	1...	H1-1b

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

	Member	Shape	Code Check	Loc[...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt ...	phi*Mn ...	phi*Mn ...	Cb	Eqn
13	M85	PL3/8x6	.282	.167	6	.403	0	y	24	71601.7...	72900	.57	9.113	1...	H1-1b
14	M91	PL1/2x6	.048	.112	1	.080	0	y	3	96757.5...	97200	1.012	12.15	1...	H1-1b
15	MP2A	PIPE_2.0	.347	4	9	.080	4		7	14916.0...	32130	1.872	1.872	1...	H1-1b
16	MP4A	PIPE_2.0	.256	4	17	.109	1		7	14916.0...	32130	1.872	1.872	1...	H1-1b
17	MP3A	PIPE_2.5	.308	4	5	.083	1		8	30038.4...	50715	3.596	3.596	1...	H1-1b
18	M34	PIPE_3.0	.165	4.427	13	.077	8.203		14	28250.5...	65205	5.749	5.749	1...	H1-1b
19	M35	HSS4X4X4	.382	0	19	.108	0	y	44	124657....	139518	16.181	16.181	3...	H1-1b
20	M36	HSS4X4X4	.195	2.375	22	.055	2.375	y	19	136263....	139518	16.181	16.181	1...	H1-1b
21	MP1C	PIPE_2.0	.312	4	17	.091	4		4	14916.0...	32130	1.872	1.872	1...	H1-1b
22	M39	HSS4X4X4	.197	0	20	.068	0	y	24	136263....	139518	16.181	16.181	1...	H1-1b
23	M40	PL1/2x6	.196	.516	10	.163	.516	y	35	66009.2...	97200	1.012	12.15	1...	H1-1b
24	M43A	L2x2x3	.147	4.162	10	.015	0	y	13	9823.122	23392.8	.558	1.092	1...	H2-1
25	M44	L2x2x3	.170	0	8	.013	0	y	17	9823.122	23392.8	.558	1.094	1...	H2-1
26	M48	PL3/8x6	.240	0	10	.327	0	y	14	70677.9...	72900	.57	9.113	1...	H1-1b
27	M49	PL3/8x6	.259	.167	4	.379	0	y	21	71601.7...	72900	.57	9.113	1...	H1-1b
28	M51C	PL1/2x6	.059	.112	9	.079	.112	y	25	96757.5...	97200	1.012	12.15	1...	H1-1b
29	M53	PL3/8x6	.212	0	6	.171	0	y	16	70677.9...	72900	.57	9.113	1...	H1-1b
30	M54	PL3/8x6	.282	.167	2	.403	0	y	20	71601.7...	72900	.57	9.113	1...	H1-1b
31	M56	PL1/2x6	.048	.112	9	.164	0	y	35	96757.5...	97200	1.012	12.15	1...	H1-1b
32	MP2C	PIPE_2.0	.348	4	5	.080	4		3	14916.0...	32130	1.872	1.872	1...	H1-1b
33	MP4C	PIPE_2.0	.256	4	13	.109	1		3	14916.0...	32130	1.872	1.872	1...	H1-1b
34	MP3C	PIPE_2.5	.308	4	2	.083	1		4	30038.4...	50715	3.596	3.596	1...	H1-1b
35	M67	PIPE_3.0	.165	4.427	21	.077	8.203		22	28250.5...	65205	5.749	5.749	1...	H1-1b
36	M68	HSS4X4X4	.394	0	15	.105	0	y	15	124657....	139518	16.181	16.181	3...	H1-1b
37	M69	HSS4X4X4	.194	2.375	18	.055	2.375	y	15	136263....	139518	16.181	16.181	1...	H1-1b
38	MP1B	PIPE_2.0	.312	4	13	.091	4		12	14916.0...	32130	1.872	1.872	1...	H1-1b
39	M72	HSS4X4X4	.197	0	16	.068	0	y	20	136263....	139518	16.181	16.181	1...	H1-1b
40	M73	PL1/2x6	.195	.516	6	.131	.516	y	19	66009.2...	97200	1.012	12.15	1...	H1-1b
41	M76A	L2x2x3	.147	4.162	6	.015	0	y	21	9823.122	23392.8	.558	1.094	1...	H2-1
42	M77A	L2x2x3	.171	0	4	.013	0	y	13	9823.122	23392.8	.558	1.092	1...	H2-1
43	M81	PL3/8x6	.239	0	6	.327	0	y	22	70677.9...	72900	.57	9.113	1...	H1-1b
44	M82	PL3/8x6	.259	.167	12	.379	0	y	17	71601.7...	72900	.57	9.113	1...	H1-1b
45	M84A	PL1/2x6	.059	.112	5	.069	.112	y	9	96757.5...	97200	1.012	12.15	1...	H1-1b
46	M86	PL3/8x6	.211	0	2	.172	0	y	24	70677.9...	72900	.57	9.113	1...	H1-1b
47	M87	PL3/8x6	.282	.167	10	.404	0	y	16	71601.7...	72900	.57	9.113	1...	H1-1b
48	M89	PL1/2x6	.048	.112	5	.081	0	y	7	96757.5...	97200	1.012	12.15	1...	H1-1b
49	MP2B	PIPE_2.0	.349	4	1	.080	4		11	14916.0...	32130	1.872	1.872	1...	H1-1b
50	MP4B	PIPE_2.0	.256	4	21	.109	1		11	14916.0...	32130	1.872	1.872	1...	H1-1b
51	MP3B	PIPE_2.5	.307	4	9	.083	1		12	30038.4...	50715	3.596	3.596	1...	H1-1b
52	M104	PIPE_2.0	.241	3.776	5	.131	.781		7	6295.422	32130	1.872	1.872	2...	H1-1b
53	M109	PIPE_2.0	.241	8.724	17	.131	.781		3	6295.422	32130	1.872	1.872	2...	H1-1b
54	M114	PIPE_2.0	.241	8.724	13	.131	.781		11	6295.422	32130	1.872	1.872	2...	H1-1b
55	M121	L2.5x2.5x4	.305	1.346	7	.053	0	z	12	36343.6...	38556	1.114	2.537	2...	H2-1
56	M122	L2.5x2.5x4	.305	1.346	11	.052	0	z	4	36343.6...	38556	1.114	2.537	2...	H2-1
57	M123	L2.5x2.5x4	.305	1.346	3	.052	0	z	8	36343.6...	38556	1.114	2.537	2...	H2-1
58	OVP1	PIPE_2.0	.096	2	10	.018	2		10	28843.4...	32130	1.872	1.872	2...	H1-1b
59	OVP2	PIPE_2.0	.096	2	2	.018	2		2	28843.4...	32130	1.872	1.872	2...	H1-1b

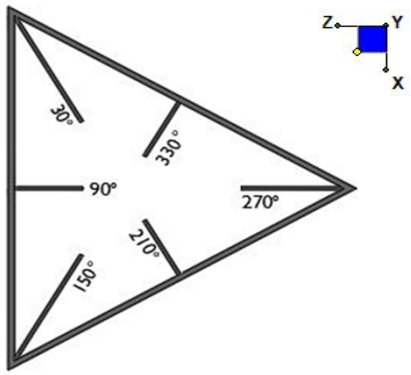
Client:	Verizon Wireless	Date:	7/6/2021
Site Name:	Berlin 2 CT		
Project No.	21777964A		
Title:	Mount Replacement	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

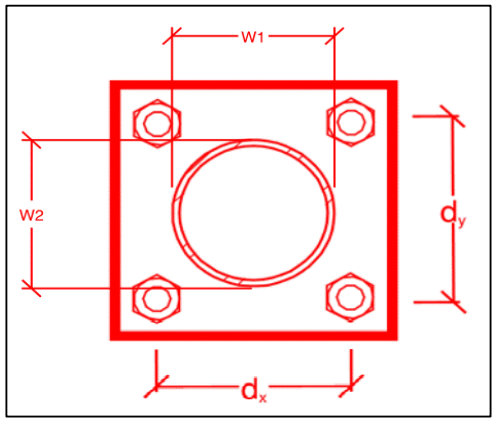
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N50	30
N96	150
N3	270



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):	25.5
Required Shear Strength (kips):	5.1
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**30.7%***
Shear Capacity Overall:	**10.3%**



**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):	8.25
Plate Height (in):	8.25
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	35
t_{Plate} (in):	0.75
Weld Size (1/16 in):	6
Phi*Rn (kip/in):	8.35
Required Weld Strength (kip/in):	3.56
Plate Bending Capacity:	**35.1%**
Weld Capacity:	**42.6%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	12.1
Phi*Mn_{xx} *(kip-in)* :	36.5
Mu_{yy} *(kip-in)* :	0.7
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 shall install new Support Rail kit (Site Pro 1 Part #: HRK-12) 36" above the proposed mount face members.

Contractor shall replace mount pipe in position 3 (Position 1 being on the right when looking from behind) with a new 96" long P2.5 STD mount pipe . Connect new pipe to proposed support rail using new crossover plates (Site Pro 1 Part #: SCX2-K).

Contractor shall install one (1) new 36" long P2.0 STD equipment pipe for proposed OVP units connected to the proposed standoff horizontal members between the Alpha/gamma sector and the Beta/Gamma sectors. Connect the new pipe to the standoff 9" from the tower connection using new crossover plates (Site Pro 1 Part #: SQCX4-K).

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: 468246-VZW - BERLIN 2 CT

Sector: **A**

Structure Type: Monopole

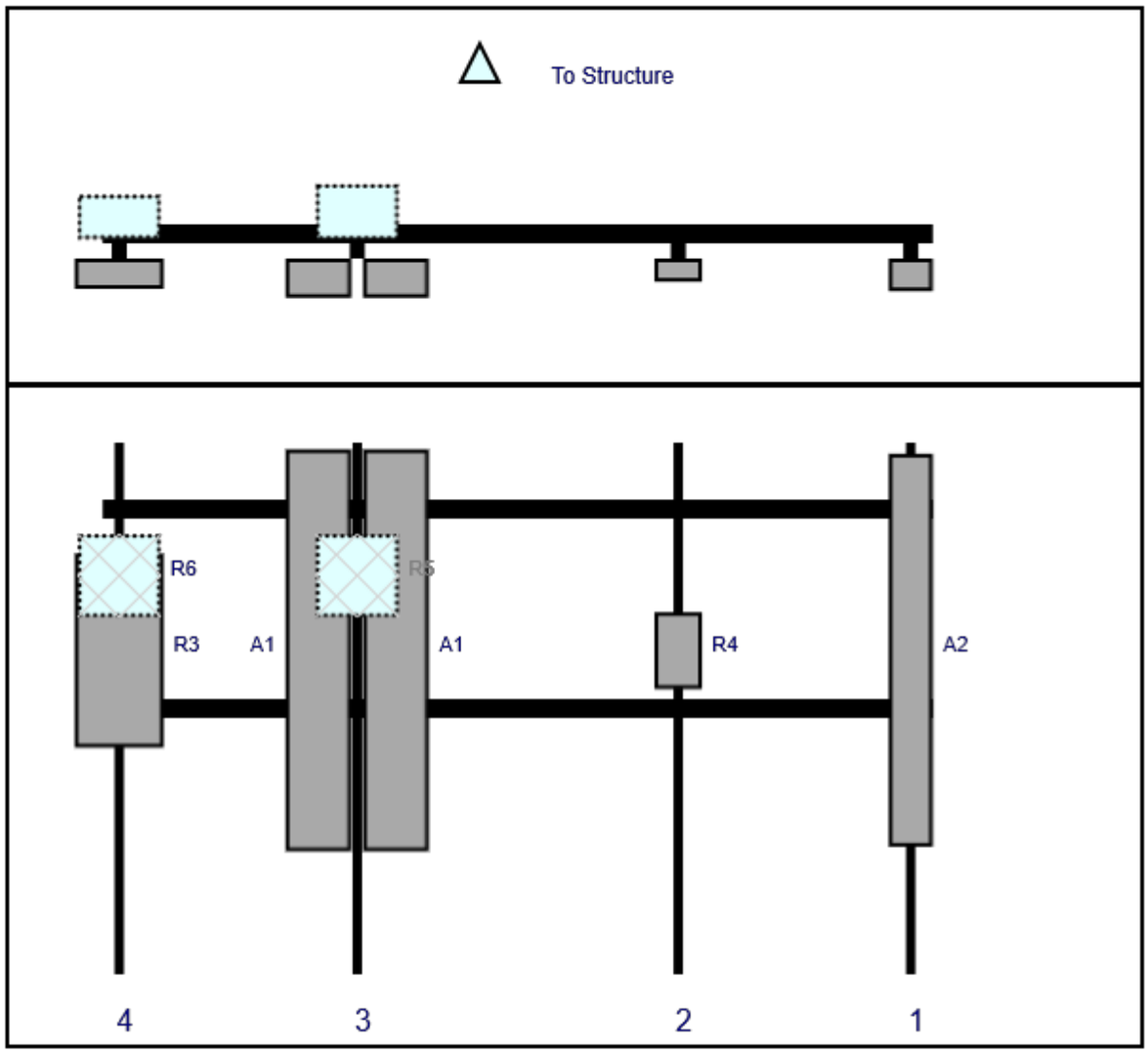
Mount Elev: 115.50

10062491

7/6/2021

Plan View

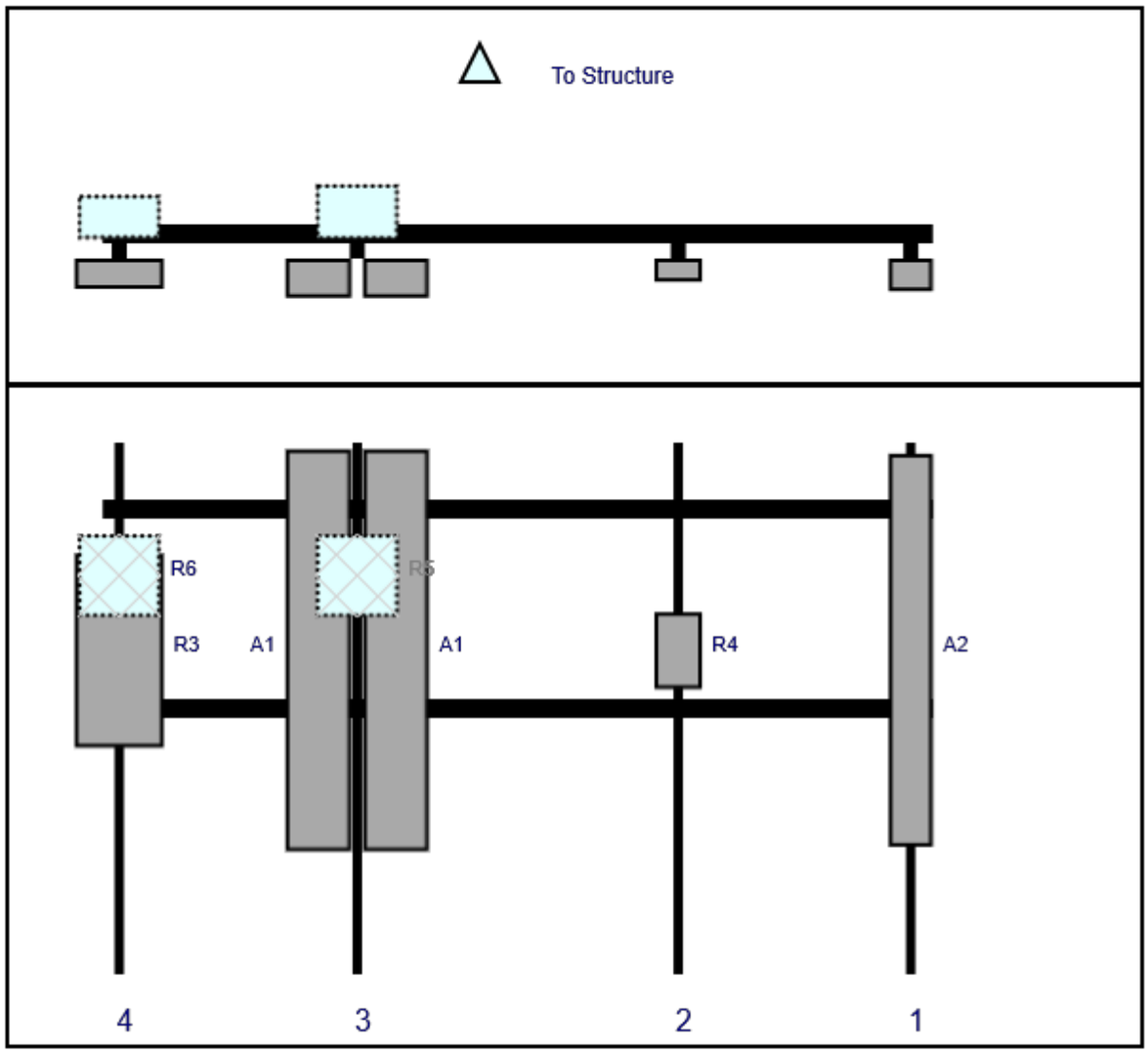
Front View
Looking at Structure



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
A2	BXA-70080-6CF-EDIN-4	71	8	146	1	a	Front	37.5	0	Added	
R4	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	104	2	a	Front	37.56	0	Added	
A1	SBNHH-1D65B	72.6	11.9	46	3	a	Front	37.5	7	Retained	
A1	SBNHH-1D65B	72.6	11.9	46	3	b	Front	37.5	-7	Retained	
R5	B2/B66A RRH-BR049	15	15	46	3	a	Behind	24	0	Added	
R3	MT6407-77A	35.1	16.1	3	4	a	Front	37.56	0	Added	
R6	B5/B13 RRH-BR04C	15	15	3	4	a	Behind	24	0	Added	

Plan View

Front View
Looking at Structure



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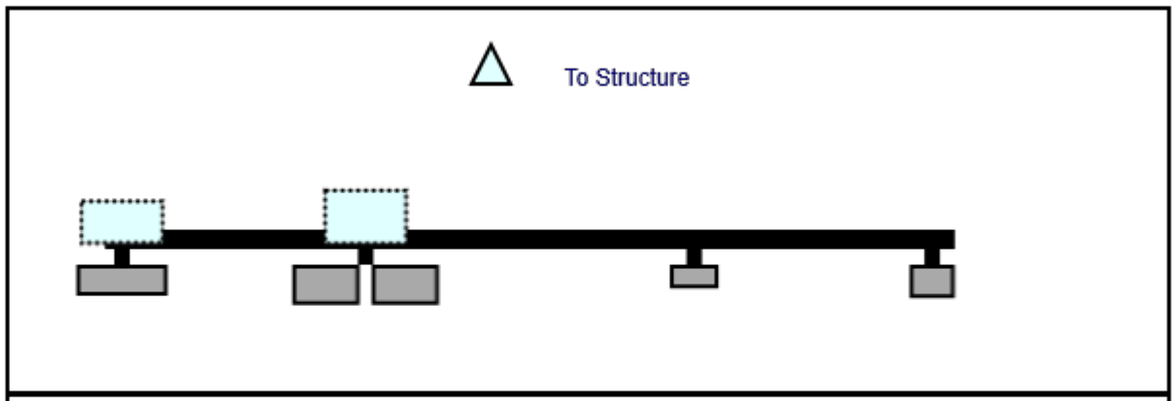
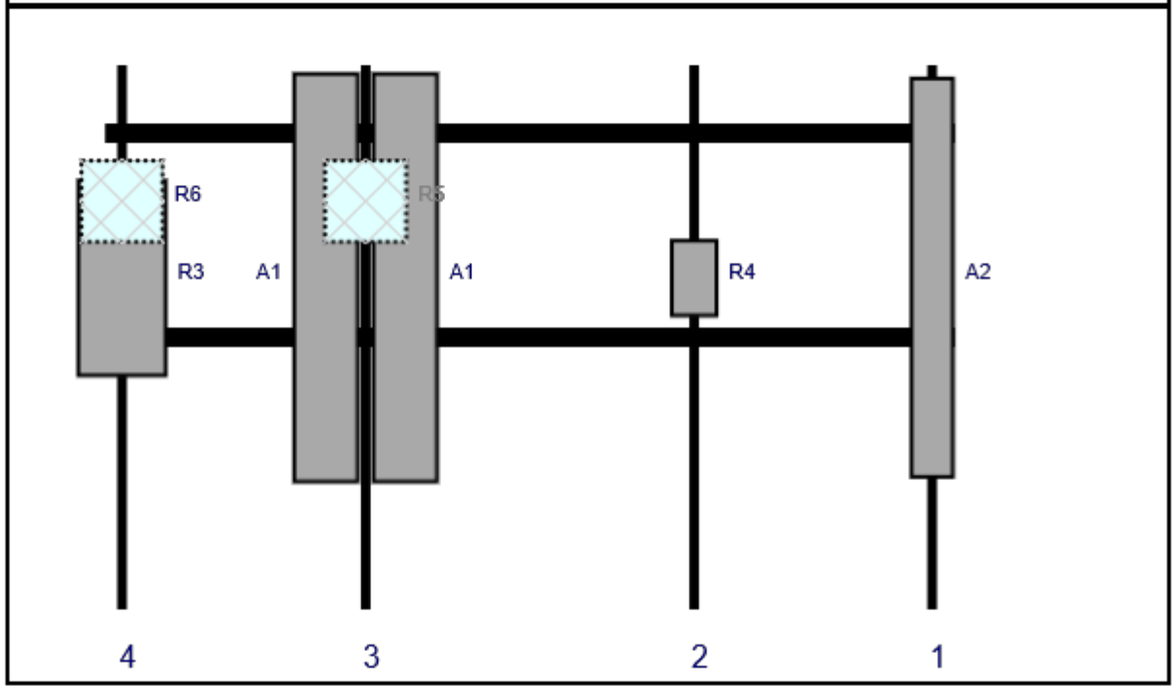
A1	SBNHH-1D65B	72.6	11.9	46	3	a	Front	37.5	7	Retained	
A1	SBNHH-1D65B	72.6	11.9	46	3	b	Front	37.5	-7	Retained	
R5	B2/B66A RRH-BR049	15	15	46	3	a	Behind	24	0	Added	
R3	MT6407-77A	35.1	16.1	3	4	a	Front	37.56	0	Added	
R6	B5/B13 RRH-BR04C	15	15	3	4	a	Behind	24	0	Added	

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	BXA-70080-6CF-EDIN-4	71	8	146	1	a	Front	37.5	0	Added	
R4	XXDWMM-12.5-65-8T-CBRS	13.9	8.6	104	2	a	Front	37.56	0	Added	
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A1	SBNHH-1D65B	72.6	11.9	46	3	b	Front	37.5	-7	Retained	
R5	B2/B66A RRH-BR049	15	15	46	3	a	Behind	24	0	Added	
R3	MT6407-77A	35.1	16.1	3	4	a	Front	37.56	0	Added	
R6	B5/B13 RRH-BR04C	15	15	3	4	a	Behind	24	0	Added	

Maser Consulting Connecticut

Subject	TIA-222-H Usage	
Site Information	*Site ID:*	*468246-VZW / BERLIN 2 CT*
	Site Name:	*BERLIN 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*260 Beckley Rd* *Berlin, Connecticut 06037* *Hartford County*
	Latitude:	*41.631711°*
	Longitude:	*-72.729914°*
Structure Information	*Tower Type:*	*152-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*
	FUZE ID # 2552218	

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. 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, PE
Technical Manager

Site Name: ***BERLIN 2 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	660	2640	116	0.0071	0.5007	1.41%
VZW CDMA	869	2	394	789	116	0.0021	0.5793	0.36%
VZW Cellular	869	4	800	3200	116	0.0086	0.5793	1.48%
VZW PCS	1970	4	1395	5580	116	0.0149	1.0000	1.49%
VZW AWS	2110	4	1478	5912	116	0.0158	1.0000	1.58%
VZW CBAND	3730.08	4	6531	26124	116	0.0698	1.0000	6.98%
VZW CBRS	3625	4	12	48	116	0.0001	1.0000	0.01%
Total Percentage of Maximum Permissible Exposure								13.32%

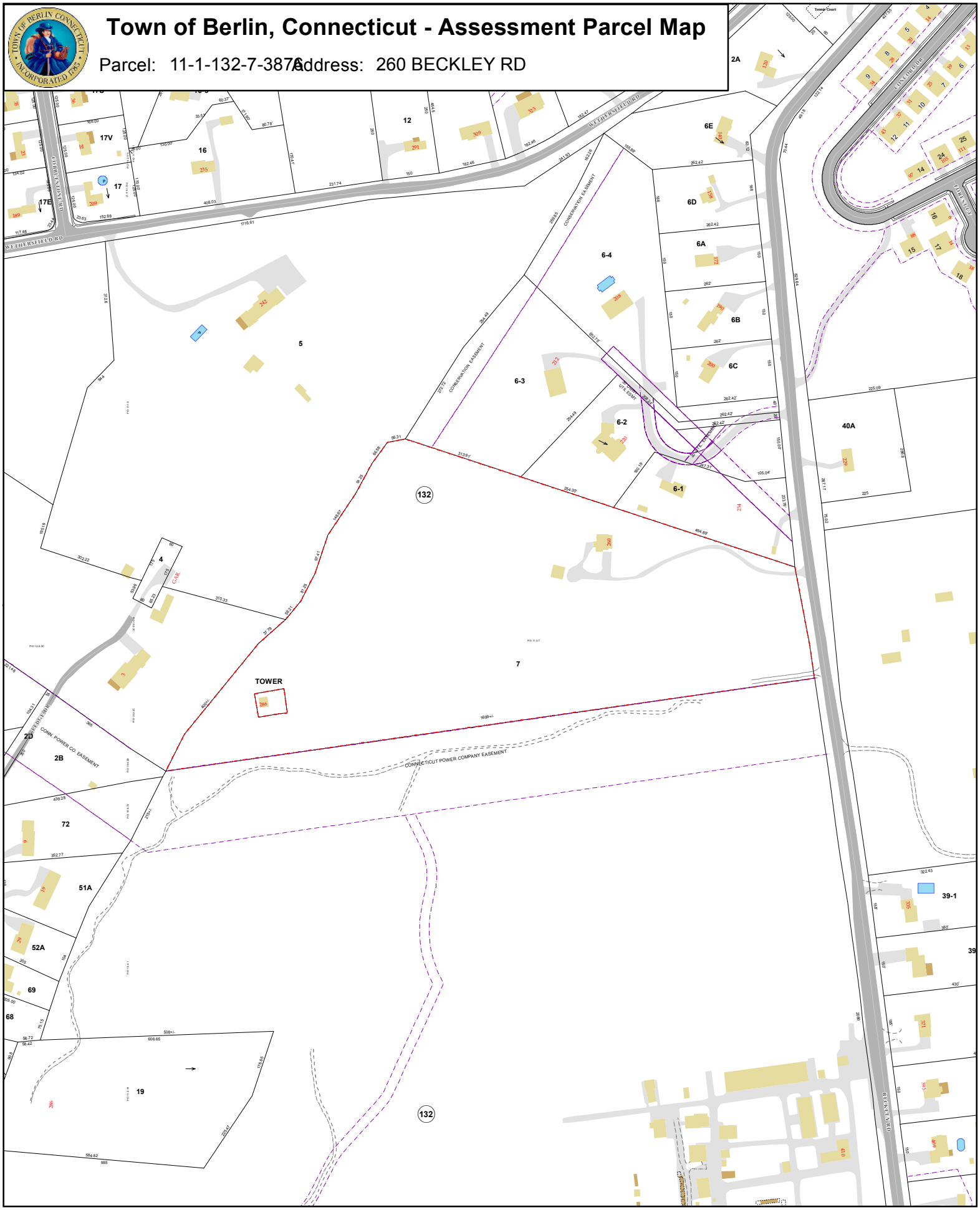
*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

Town of Berlin, Connecticut - Assessment Parcel Map

Parcel: 11-1-132-7-387A Address: 260 BECKLEY RD



N W E S

NEGEO
New England Geosystems
www.negeosystems.com
282 Main Street Extension - C2
Middletown, CT 06457 • (203) 404 - 7129

Approximate Scale: 1 inch = 311 feet

0 150 300 450 600 Feet

Map Produced: January 2021

Disclaimer: This map is for informational purposes only All information is subject to verification by any user. The Town of Berlin and its mapping contractors assume no legal responsibility for the information contained herein.

Town of Berlin, CT

Property Listing Report

Map Block Lot	11-1-132-7-3876	Building #	1	PID	3876	Account	1040690

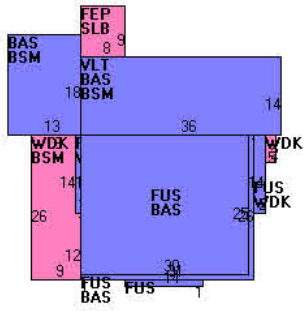
Property Information

Property Location	260 BECKLEY RD
Owner	MATULIS ELAINE E & JOHN C JR
Co-Owner	
Mailing Address	260 BECKLEY RD BERLIN CT 06037
Land Use	1010 Single Family
Land Class	R
Zoning Code	R-43
Census Tract	4001

District	0
Acreage	17.9
Utilities	All Public
Book / Page	0234/0913

Photo

Sketch



Primary Construction Details

Year Built	1981
Building Desc.	Single Family
Building Style	Contemp
Stories	2
Occupancy	1.00
Exterior Walls	Clapboard
Exterior Walls 2	
Roof Style	Gable
Roof Cover	Asph/F Gls/Cmp
Interior Walls	Drywall
Interior Walls 2	
Interior Floors 1	Hardwood
Interior Floors 2	

Heating Fuel	Oil/Gas
Heating Type	Forced Air-Duc
AC Type	Central
Bedrooms	4 Bedrooms
Full Bathrooms	2
Half Bathrooms	1
Extra Fixtures	0
Total Rooms	8
Bath Style	Average
Kitchen Style	Average
Fin BSMT Area	340
Fin BSMT Quality	Rec Room Fin
Fin BSMT Area 2	
Fin BSMT Qual 2	

BSMT Garages	2
Fireplaces	3
Whirlpool Tub	1
Building Use	Residential
Building Condition	A

Industrial / Commercial Details
(*Residential Not Applicable)

Heat / AC	NA
Frame Type	NA
Baths / Plumbing	NA
Ceiling / Wall	NA
Rooms / Prtns	NA
Wall Height	NA
First Floor Use	NA

Report Created On 8/13/2021

Town of Berlin, CT

Property Listing Report

Map Block Lot	11-1-132-7-3876	Building #	1	PID	3876	Account	1040690

Valuation Summary

(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	185100	129600
Extras	0	0
Improvements		
Outbuildings	15000	10500
Land	454900	101511
Total	655000	241611

Outbuilding and Extra Features

Type	Description
Barn 1 Story	1024 S.F.
Shed Wd Res	64 S.F.
OPEN PORCH	72 S.F
Shed Wd Res	140 S.F.

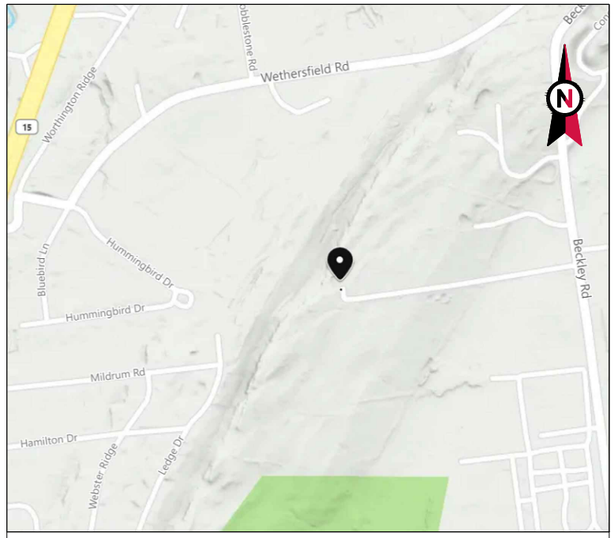
Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
First Floor	1544	1544
Vaulted Ceiling	504	0
Upper Story, Finished	862	862
Deck, Wood	272	0
Basement	958	0
Porch, Enclosed, Finished	72	0
Slab	72	0
Total Area	4284	2406

Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
MATULIS ELAINE E & JOHN C JR	0234/0913	1984-05-07	0

Report Created On 8/13/2021



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: BRIN - BERLIN
ATC SITE NUMBER: 302483
VERIZON SITE NAME: BERLIN II CT
VERIZON SITE NUMBER: 468246
SITE ADDRESS: 260 BECKLEY ROAD
BERLIN, CT 06037

LOCATION MAP

VERIZON
ANTENNA AMENDMENT PLAN

COMPLIANCE CODE

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

1. 2015 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:

260 BECKLEY ROAD

BERLIN, CT 06037

COUNTY: HARTFORD

GEOGRAPHIC COORDINATES:

LATITUDE: 41.63172222

LONGITUDE: -72.7299

GROUND ELEVATION: 185' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON

ENGINEER:

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

PROPERTY OWNER:

JOHN C MATULIS JR
286 BECKLEY ROAD
BERLIN, CT 06037

PROJECT DESCRIPTION

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

TOWER WORK:

REINFORCE/MODIFY EXISTING MOUNT AS PER MASER CONSULTING MA DATED JULY 8, 2021

REMOVE (9) ANTENNA(s), (9) RRH(s), (2) OVP(s) AND (12) 1-5/8" COAX CABLE(s)

INSTALL (9) ANTENNA(s), (9) RRH(s) AND (2) OVP(s)

EXISTING (6) ANTENNA(s), (6) 1-5/8" COAX CABLE(s) AND (2) 6X12 HYBRID 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.
6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

PROJECT LOCATION DIRECTIONS

I-91 S VIA EXIT 52 TOWARD NEW HAVEN. 10.9 MIMAP AVOID 5: MERGE ONTO CT-9 N VIA EXIT 22N TOWARD NEW BRITAIN. 2.2 MIMAP AVOID 6: TAKE THE CT-372 E EXIT, EXIT 21, TOWARD EAST BERLIN. 0.3 MIMAP AVOID 7: TURN LEFT ONTO CT-372/MILL ST. 0.4 MIMAP AVOID 8: TURN LEFT ONTO BERLIN ST. 0.1 MIMAP AVOID 9: TURN LEFT ONTO BECKLEY RD. 1.1 MIMAP AVOID 10: END AT 261 BECKLEY RD BERLIN, CT 06037-2505 MAP ESTIMATED TIME: 20 MINUTES ESTIMATED DISTANCE: 16.12 MILES

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	07/22/21	JT
G-002	GENERAL NOTES	0	07/22/21	JT
C-101	DETAILED SITE PLAN	0	07/22/21	JT
C-201	TOWER ELEVATION	0	07/22/21	JT
C-401	ANTENNA INFORMATION & SCHEDULE	0	07/22/21	JT
C-501	CONSTRUCTION DETAILS	0	07/22/21	JT
E-501	GROUNDING DETAILS	0	07/22/21	JT
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			
R-603	SUPPLEMENTAL			
R-604	SUPPLEMENTAL			

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

REV.	DESCRIPTION	BY	DATE
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0	FOR CONSTRUCTION	JT	07/22/21

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BERLIN, CT 06037

SEAL:

Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
07/25/2021

PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	07/22/21
ATC JOB NO:	13673539_D1
CUSTOMER ID:	BERLIN II CT
CUSTOMER #:	468246

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.

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

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	06/17/21
0	FOR CONSTRUCTION	JT	07/22/21

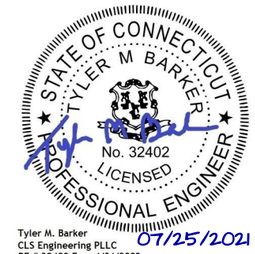
ATC SITE NUMBER:
302483

ATC SITE NAME:
BRIN - BERLIN

VERIZON SITE NAME:
BERLIN II CT

SITE ADDRESS:
260 BECKLEY ROAD
BERLIN, CT 06037

SEAL:



Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
07/25/2021

PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	07/22/21
ATC JOB NO:	13673539_D1
CUSTOMER ID:	BERLIN II CT
CUSTOMER #:	468246

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

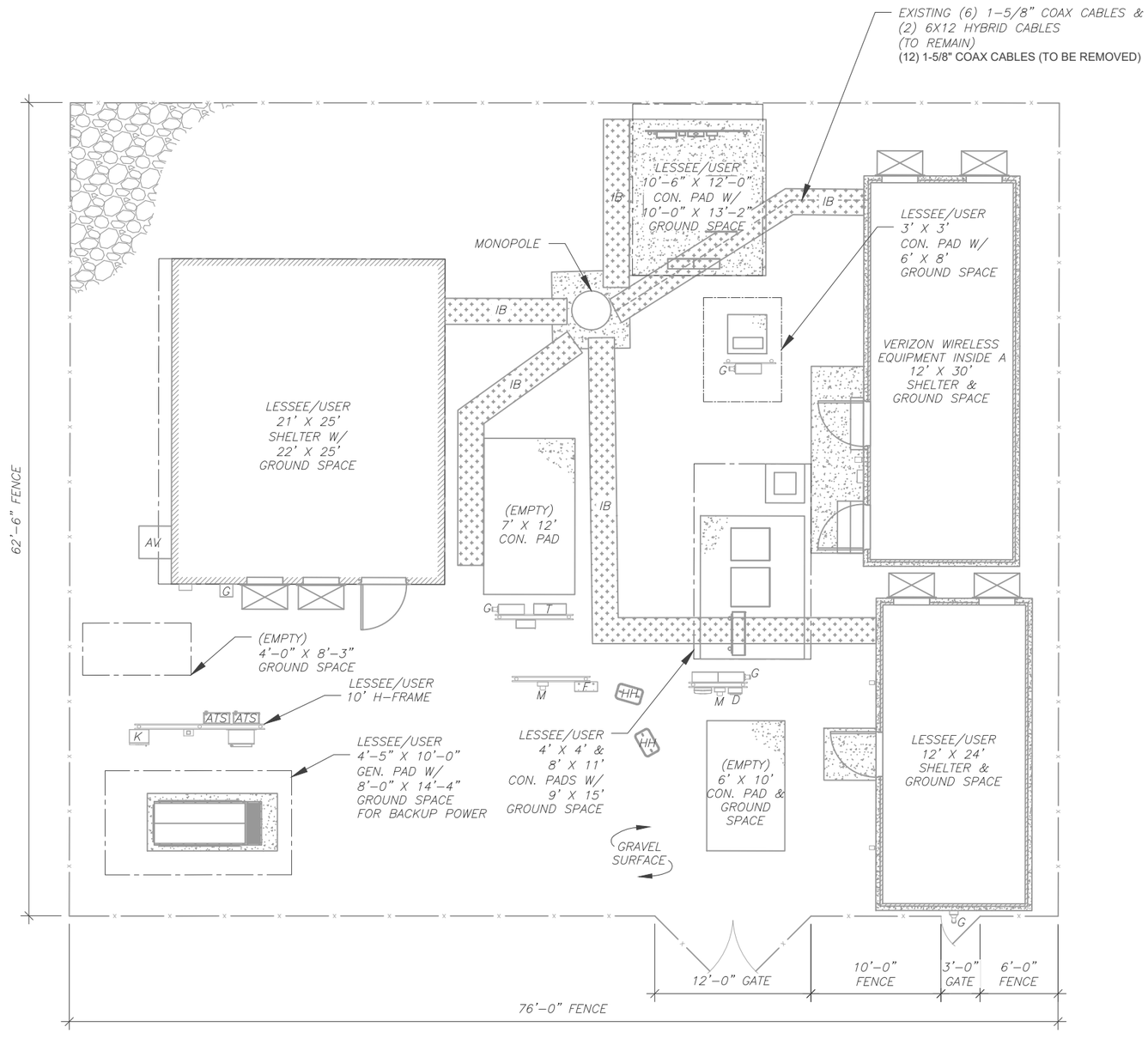
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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

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SEAL:

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

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PE# 32402 EXP: 01/31/2022

verizon

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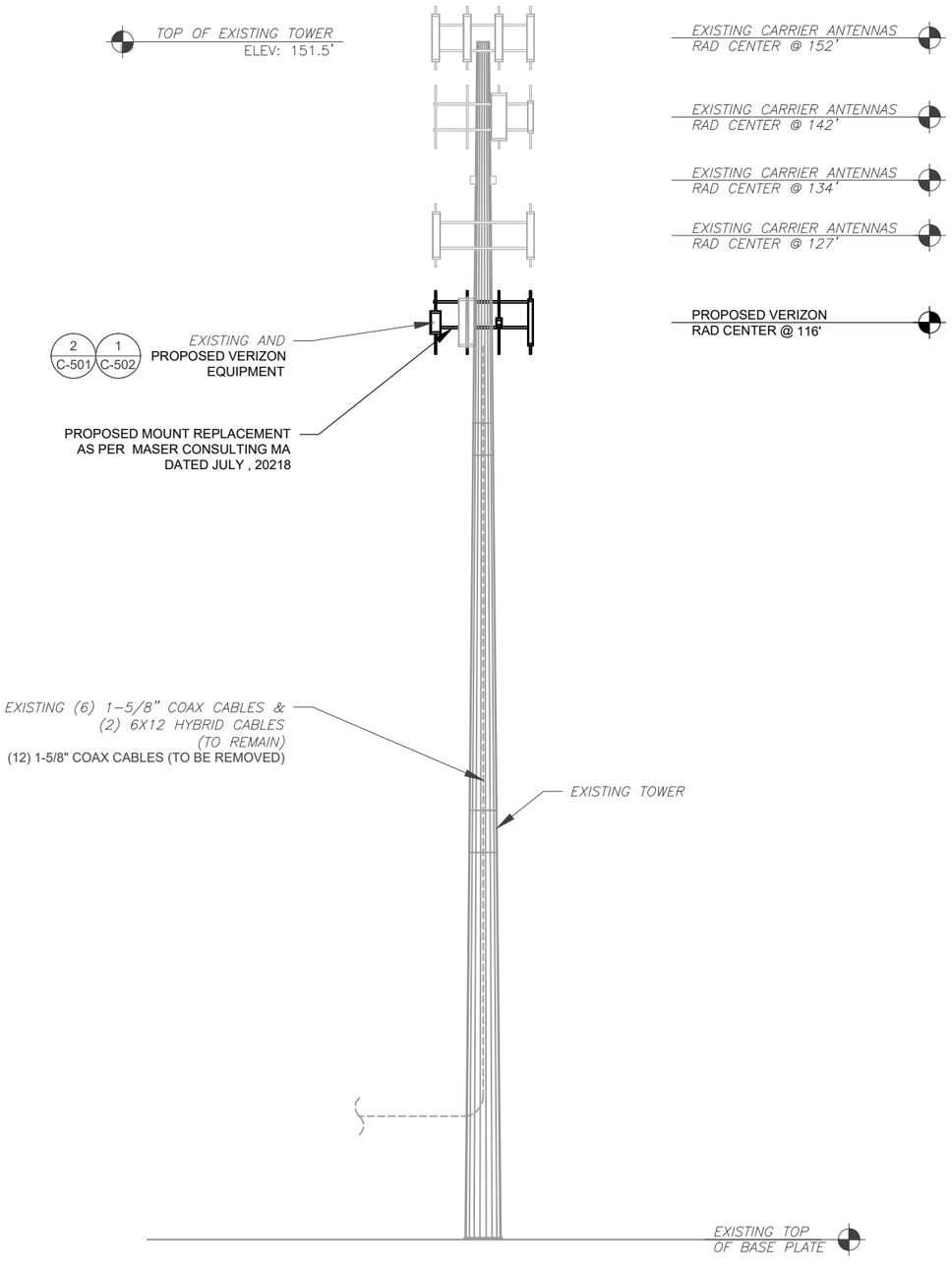
CUSTOMER #:	468246

DETAILED SITE PLAN

SHEET NUMBER: C-101

REVISION: 0



1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY MASER CONSULTING, DATED JULY 8, 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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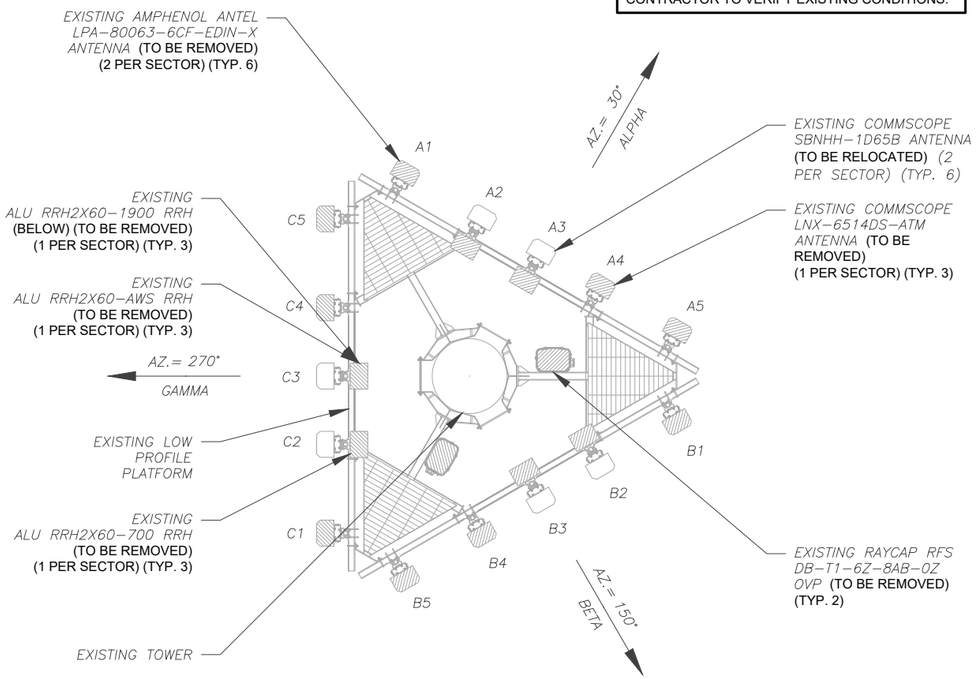
TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	A

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



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

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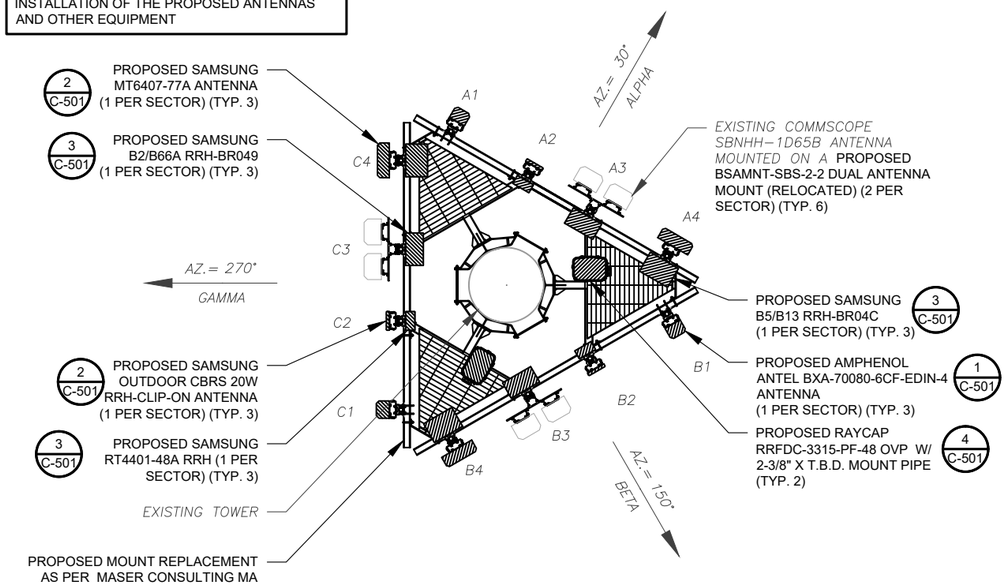
CONTRACTOR SHALL RE-ORIENT ANTENNA MOUNT(s) AS NECESSARY TO ACHIEVE PROPOSED ANTENNA AZIMUTHS

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	116'	30°	A1	AMPHENOL ANTEL LPA-80063-6CF-EDIN-X	CDMA 850	–	RMV	–	–
			A2	COMMSCOPE SBNHH-1D65B	LTE 700	0/12	REL	ALU RRH2X60-700	RMV
			A3	COMMSCOPE SBNHH-1D65B	LTE 2100	0/5	RMN	ALU RRH2X60-AWS ALU RRH2X60-1900	RMV
			A4	COMMSCOPE LNX-6514DS-ATM	–	–	RMV	–	–
			A5	AMPHENOL ANTEL LPA-80063-6CF-EDIN-X	CDMA 850	–	RMV	–	–
BETA	116'	150°	B1	AMPHENOL ANTEL LPA-80063-6CF-EDIN-X	CDMA 850	–	RMV	–	–
			B2	COMMSCOPE SBNHH-1D65B	LTE 700	0/12	REL	ALU RRH2X60-700	RMV
			B3	COMMSCOPE SBNHH-1D65B	LTE 2100	0/5	RMN	ALU RRH2X60-AWS ALU RRH2X60-1900	RMV
			B4	COMMSCOPE LNX-6514DS-ATM	–	–	RMV	–	–
			B5	AMPHENOL ANTEL LPA-80063-6CF-EDIN-X	CDMA 850	–	RMV	–	–
GAMMA	116'	270°	C1	AMPHENOL ANTEL LPA-80063-6CF-EDIN-X	CDMA 850	–	RMV	–	–
			C2	COMMSCOPE SBNHH-1D65B	LTE 700	0/12	REL	ALU RRH2X60-700	RMV
			C3	COMMSCOPE SBNHH-1D65B	LTE 2100	0/5	RMN	ALU RRH2X60-AWS ALU RRH2X60-1900	RMV
			C4	COMMSCOPE LNX-6514DS-ATM	–	–	RMV	–	–
			C5	AMPHENOL ANTEL LPA-80063-6CF-EDIN-X	CDMA 850	–	RMV	–	–

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'

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	116'	30°	A1	AMPHENOL ANTEL BXA-70080-6CF-EDIN-1	CDMA 850	2/4	ADD	–	–
			A2	SAMSUNG OUTDOOR CBRS 20W RRH-CLIP-ON	LTE CBRS	0/8	ADD	SAMSUNG RT4401-48A	ADD
			A3	(2) COMMSCOPE SBNHH-1D65B	LTE 700/LTE 850/LTE 1900/LTE 2100	0/5	RMN	SAMSUNG B2/B66A RRH-BR049	ADD
			A4	SAMSUNG MT6407-77A	5G L-SUB6	0/6	ADD	SAMSUNG B5/B13 RRH-BR04C	ADD
BETA	116'	150°	B1	AMPHENOL ANTEL BXA-70080-6CF-EDIN-1	CDMA 850	2/4	ADD	–	–
			B2	SAMSUNG OUTDOOR CBRS 20W RRH-CLIP-ON	LTE CBRS	0/8	ADD	SAMSUNG RT4401-48A	ADD
			B3	(2) COMMSCOPE SBNHH-1D65B	LTE 700/LTE 850/LTE 1900/LTE 2100	0/5	RMN	SAMSUNG B2/B66A RRH-BR049	ADD
			B4	SAMSUNG MT6407-77A	5G L-SUB6	0/6	ADD	SAMSUNG B5/B13 RRH-BR04C	ADD
GAMMA	116'	270°	C1	AMPHENOL ANTEL BXA-70080-6CF-EDIN-1	CDMA 850	2/4	ADD	–	–
			C2	SAMSUNG OUTDOOR CBRS 20W RRH-CLIP-ON	LTE CBRS	0/8	ADD	SAMSUNG RT4401-48A	ADD
			C3	(2) COMMSCOPE SBNHH-1D65B	LTE 700/LTE 850/LTE 1900/LTE 2100	0/5	RMN	SAMSUNG B2/B66A RRH-BR049	ADD
			C4	SAMSUNG MT6407-77A	5G L-SUB6	0/6	ADD	SAMSUNG B5/B13 RRH-BR04C	ADD

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) RAYCAP DB-T1-6Z-8AB-OZ OVP	RMV	(12) 1-5/8"	–	RMV
–	–	(6) 1-5/8"	(2) 6X12 HYBRID	RMN

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) RAYCAP RRFDC-3315-PF-48 OVP	ADD	(6) 1-5/8"	(2) 6X12 HYBRID	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	JRL	06/17/21
0	FOR CONSTRUCTION	JT	07/22/21

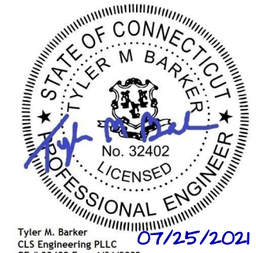
ATC SITE NUMBER:
302483

ATC SITE NAME:
BRIN - BERLIN

VERIZON SITE NAME:
BERLIN II CT

SITE ADDRESS:
260 BECKLEY ROAD
BERLIN, CT 06037

SEAL:



Tyler M. Barker
CLS Engineering PLLC
PE # 32402 Exp. 1/31/2022
COA # PEC.001833 Exp. 8/14/2022
07/25/2021

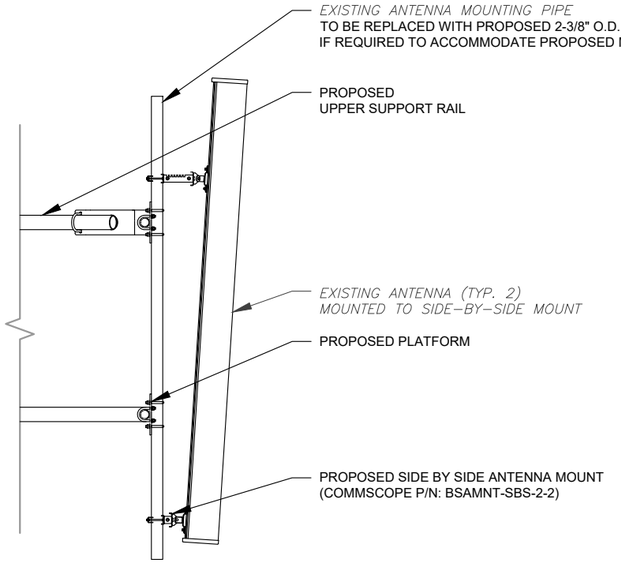
PE# 32402 EXP: 01/31/2022

verizon

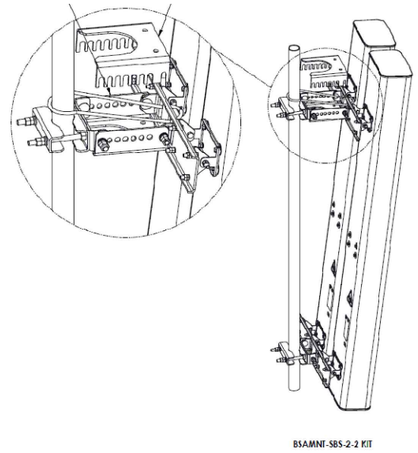
DATE DRAWN:	07/22/21
ATC JOB NO:	13673539_D1
CUSTOMER ID:	BERLIN II CT
CUSTOMER #:	468246

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



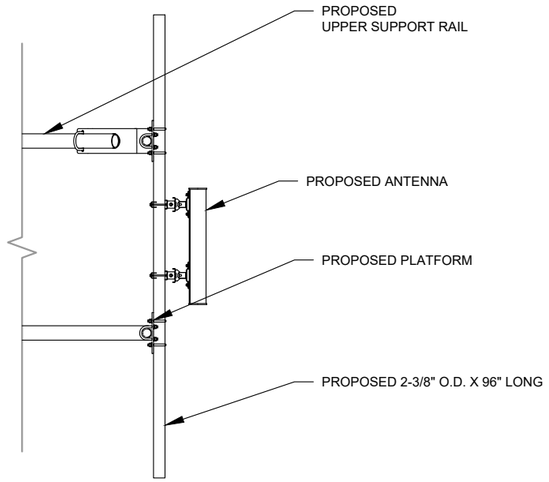
PROFILE VIEW



ISOMETRIC VIEW (BY MANUFACTURER)

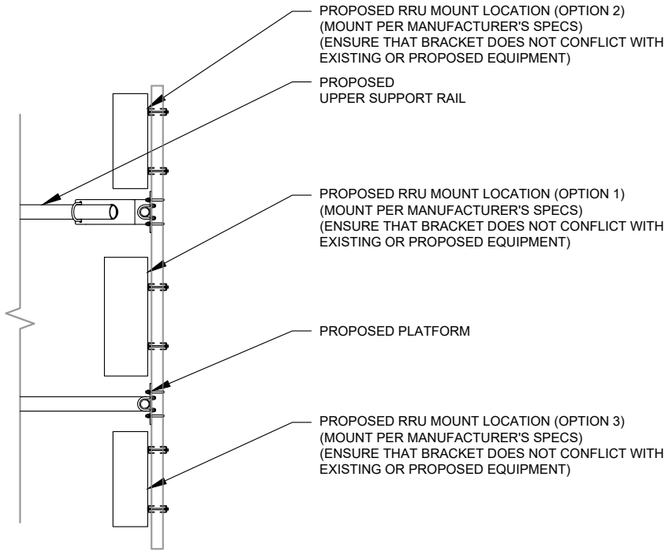
1 PROPOSED SIDE-BY-SIDE MOUNT

SCALE: NOT TO SCALE



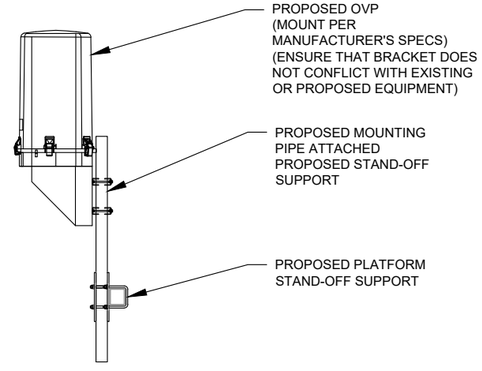
2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



3 PROPOSED RRU MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



4 PROPOSED OVP MOUNTING

SCALE: N.T.S.

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

REV.	DESCRIPTION	BY	DATE
A	PRELIM	JRL	06/17/21
0	FOR CONSTRUCTION	JT	07/22/21

ATC SITE NUMBER:
302483

ATC SITE NAME:
BRIN - BERLIN

VERIZON SITE NAME:
BERLIN II CT

SITE ADDRESS:
260 BECKLEY ROAD
BERLIN, CT 06037

SEAL:

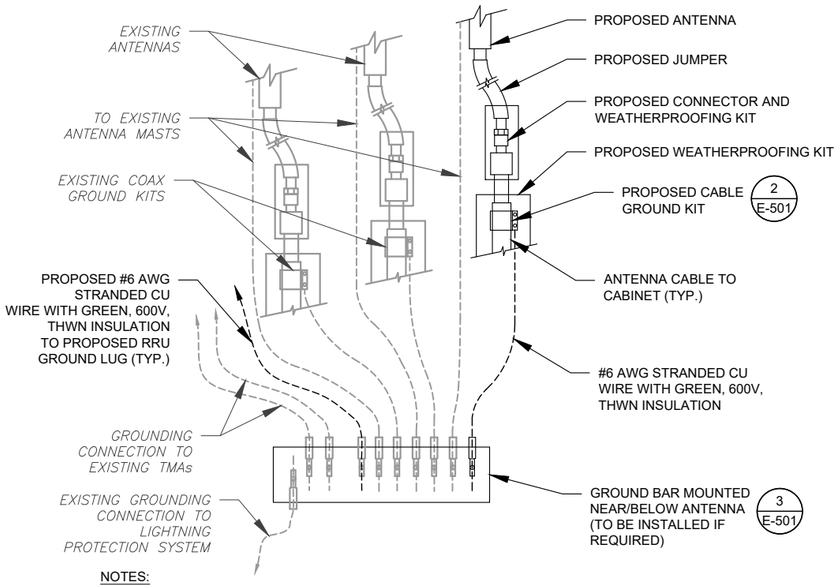
PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	07/22/21
ATC JOB NO:	13673539_D1
CUSTOMER ID:	BERLIN II CT
CUSTOMER #:	468246

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

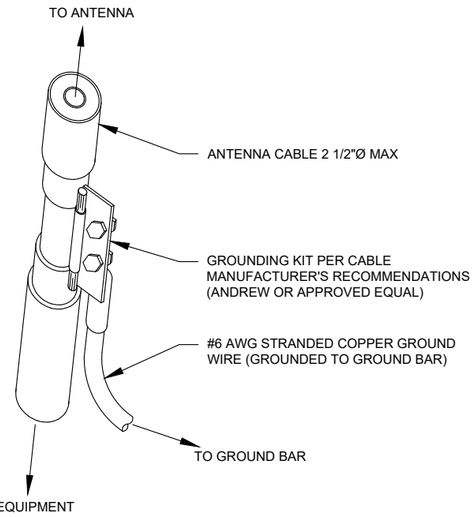


NOTES:

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.

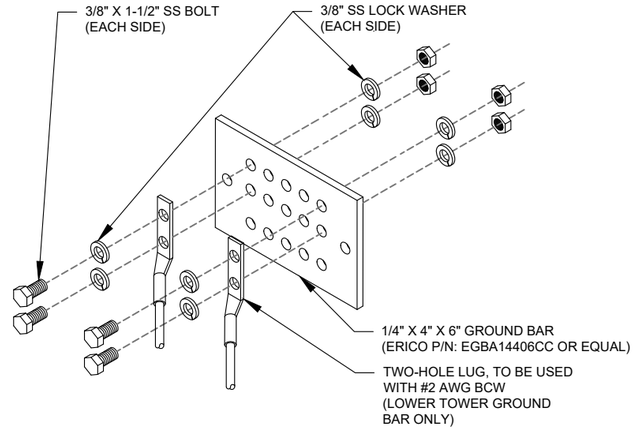


GROUND KIT NOTES:

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
A	PRELIM	JRL	06/17/21
0	FOR CONSTRUCTION	JT	07/22/21

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ATC SITE NAME:
BRIN - BERLIN

VERIZON SITE NAME:
BERLIN II CT

SITE ADDRESS:
260 BECKLEY ROAD
BERLIN, CT 06037

SEAL:

Tyler M. Barker
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PE # 32402 Exp. 1/31/2022
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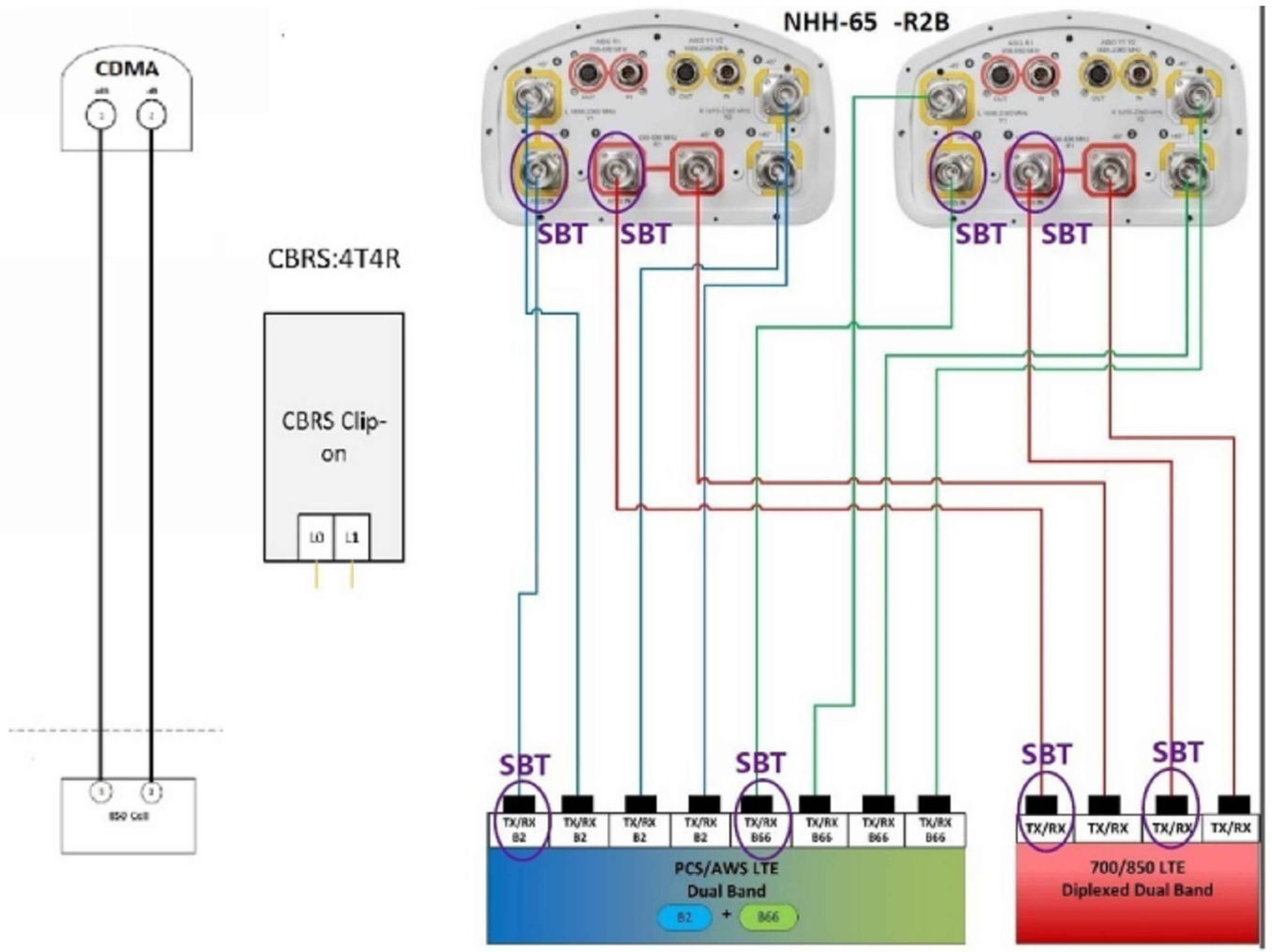
PE# 32402 EXP: 01/31/2022

verizon

DATE DRAWN:	07/22/21
ATC JOB NO:	13673539_D1
CUSTOMER ID:	BERLIN II CT
CUSTOMER #:	468246

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0



SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	-

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 Analysis-R

SMART Tool Project #: 10062491
Maser Consulting Connecticut Project #: 21777888A

July 8, 2021

Site Information

Site ID:	*468246-VZW / BERLIN 2 CT*
Site Name:	*BERLIN 2 CT*
Carrier Name:	*Verizon Wireless*
Address:	*260 Beckley Rd* *Berlin, Connecticut 06037* *Hartford County*
Latitude:	*41.631711°*
Longitude:	*-72.729914°*

Structure Information

Tower Type:	*152-Ft Monopole*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 2552218

Analysis Results

Platform: **42.6% 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: Nathan Laporte

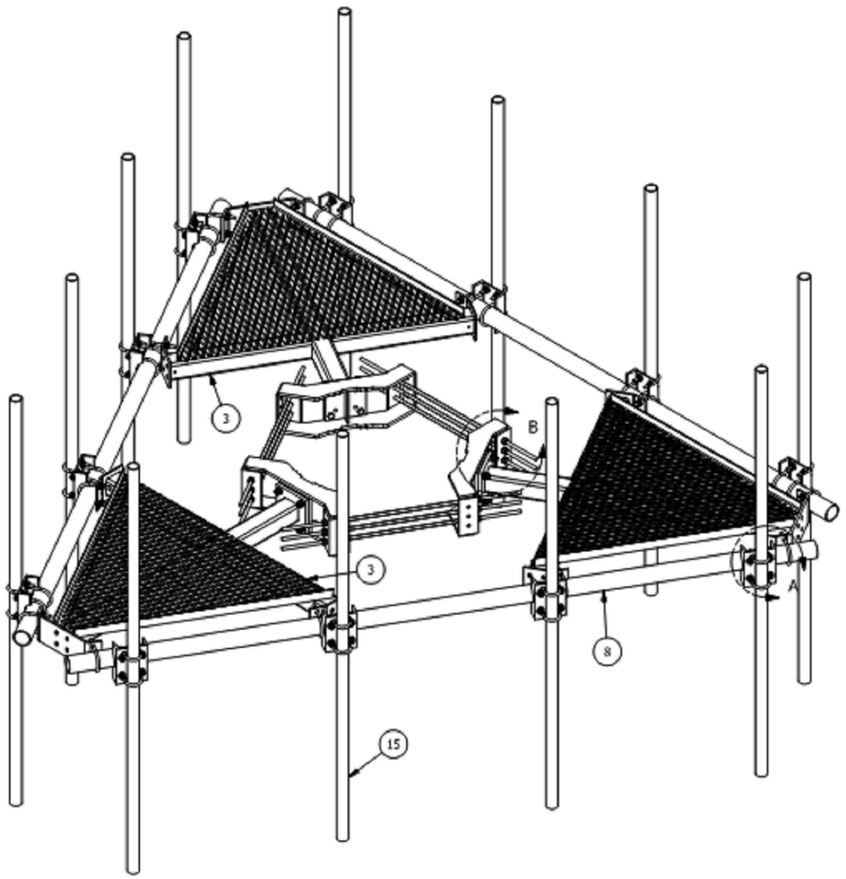
1 MOUNT ANALYSIS

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

SUPPLEMENTAL

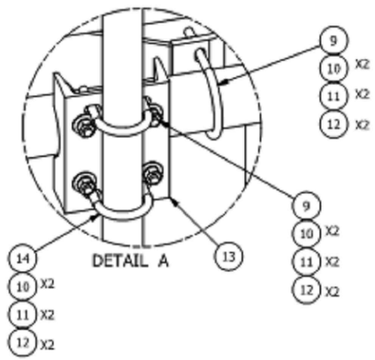
SHEET NUMBER: R-602

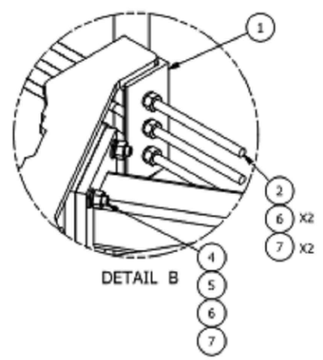
REVISION: -



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	

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

PART NO. SEE ASSEMBLY NO. "A"
DWG. NO. RMQP-4XX
PAGE 1 OF 2

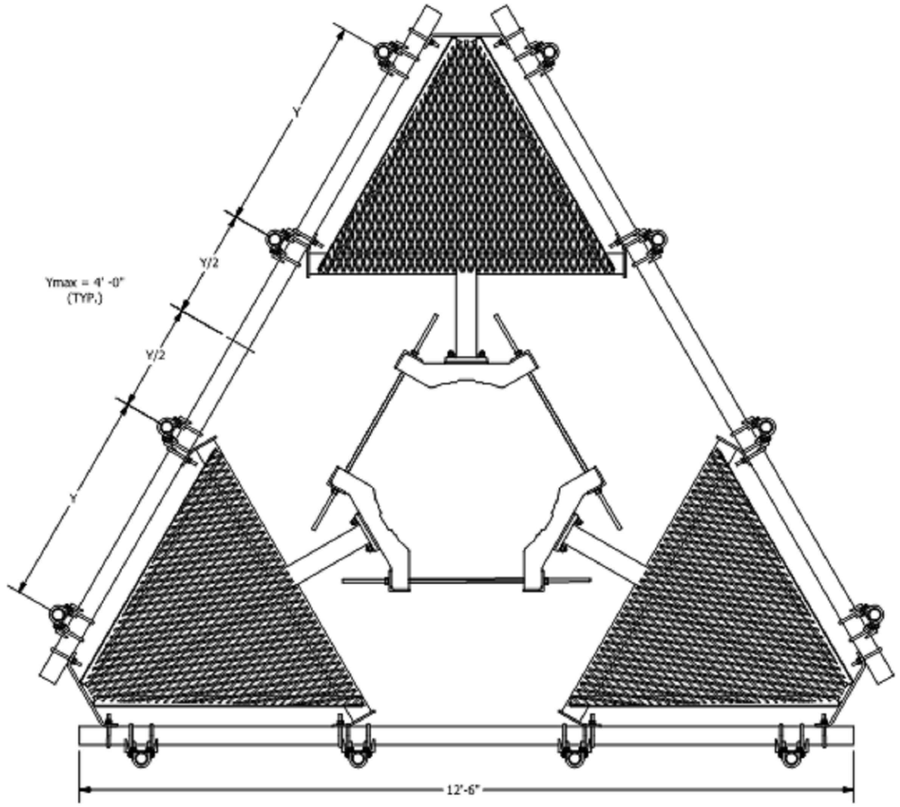
1 MOUNT ANALYSIS

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

SUPPLEMENTAL

SHEET NUMBER: R-603

REVISION: -



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

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

PART NO. SEE ASSEMBLY NO. "A"

DWG. NO. RMQP-4XX

#405 2 OF 2

1 MOUNT ANALYSIS

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SUPPLEMENTAL

SHEET NUMBER: R-604

REVISION: -