Derek Maheux Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508)649-3407
Dmaheux@clinellc.com

January 22, 2024

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

RE: Notice of Exempt Modification // Site: MADISON 5 CT (ATC: 467699)
15 Orchard Park Road, Madison CT 06443
N 41.28308333 // W -72.623075

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains twelve (12) antenna at the 76-ft level on the existing 100 ft Tower, located at 15 Orchard Park Road, Madison, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the removal of the existing antenna mount and associated equipment as well as the installation of a new mount on Verizon Wireless existing antenna platform and mounting assembly as described on the project documents.

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 Bethany's Chief Elected Official and Land Use Officer.

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 January 9, 2024, by A.T Engineering Services, LLC, a structural analysis dated December 1, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated October 10, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated September 6, 2023, by Tower Engineering Professionals.

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 and a structural mount analysis, pursuant to certain conditions defined therein. Design and engineering are fully illustrated within final construction drawings.

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,

Derek Maheux

_____

Derek Maheux, Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508) 649 2307
Dmaheux@clinellc.com

Attachments:
Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: Peggy Lyons – First Selectwoman – Chief Elected Official
Erin Manix – Town Planner - as P&Z official
Florida Tower Partners – as ground owner
American Tower Corporation - as tower owner

EXHIBIT 1

KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The KA-6030 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the KA-6030 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the KA-6030 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.

FEATURES

- Passes full 700 and 850 bands
- Low insertion loss
- Rejection of 900MHz uplink
- DC/AISG pass
- Twin unit
- Dual twin mounting available

TECHNICAL SPECIFICATIONS

BAND NAME	700 PATH / 850 UPLINK PATH	850 DOWNLINK PATH
Passband	698 - 849MHz	869 - 891.5MHz
Insertion loss	0.1dB typical / 0.3dB maximum	0.5dB typical, 1.45dB maximum
Return loss	24dB typical, 18dB minimum	
Maximum input power (Per Port)	100W average	200W average and 66W per 5MHz
Rejection	53dB minimum @ 894.1 - 896.5MHz	

ELECTRICAL	
Impedance	50Ohms
Intermodulation products	-160dBc maximum in UL Band (assuming 20MHz Signal), with 2 x 43dBm carriers -153dBc maximum with 2 x 43dBm

DC / AISG	
Passband	0 - 13MHz
Insertion loss	0.3dB maximum
Return loss	15dB minimum
Input voltage range	± 33V
DC current rating	2A continuous, 4A peak
Compliance	3GPP TS 25.461

ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-20ºC to +60ºC | -4°F to +140°F
Ingress protection	IP67
Altitude	2600m | 8530ft
Lightning protection	RF port: ±5kA maximum (8/20us), IEC 61000-4-5 – Unit must be terminated with some lightning protection circuits.
MTBF	>1,000,000 hours
Compliance	ETSI EN 300 019 class 4.1H, RoHS, NEBS GR-487-CORE

MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.

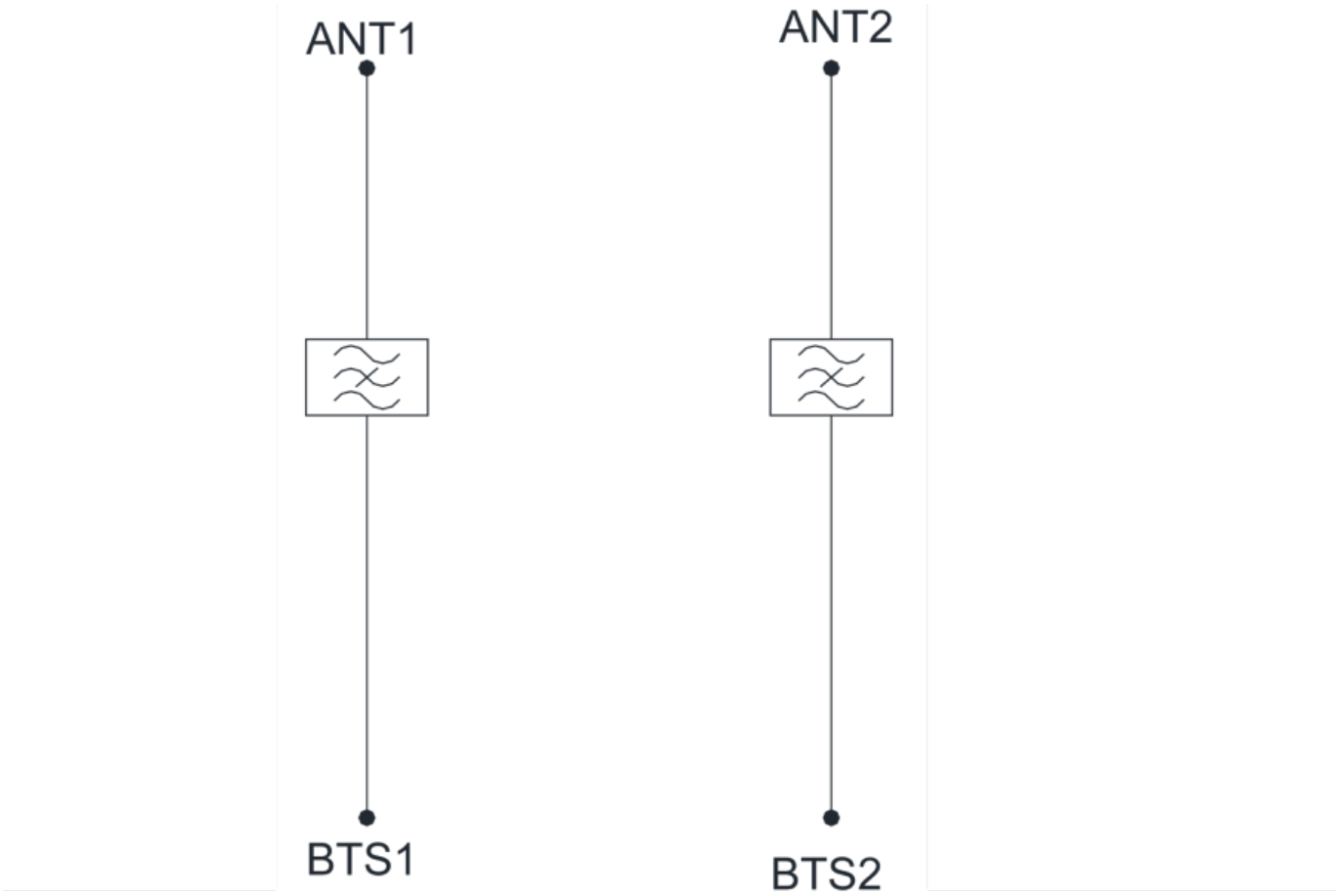
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
KA-6030-2032	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)

Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

MECHANICAL BLOCK DIAGRAM

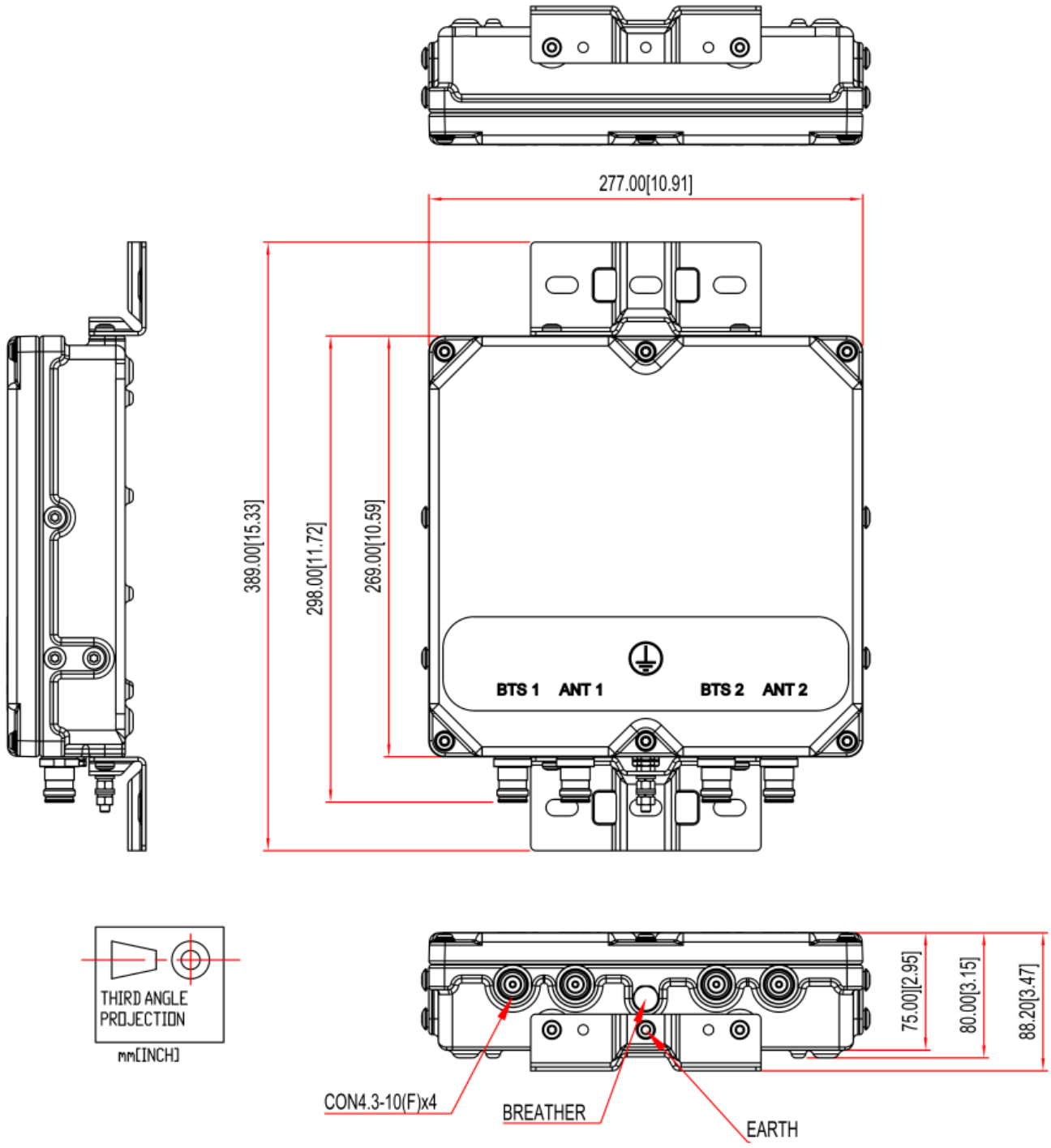


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EXHIBIT 2

15 ORCHARD PARK RD

Location	15 ORCHARD PARK RD	**MBLU**	36/ / 3/ CELL/
Unique ID#	3630001	**Owner**	FLORIDA TOWER PARTNERS
Assessment	$397,100	**Appraisal**	$567,200
PID	104169	**Building Count**	1
Dev. Map			

Current Value

Appraisal					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2023	$0	$0	$567,200	$0	$567,200
Assessment					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2023	$0	$0	$397,100	$0	$397,100

Owner of Record

Owner	FLORIDA TOWER PARTNERS	**Sale Price**	$0
Co-Owner		**Book & Page**	0000/0000
Care Of		**Sale Date**	01/01/1900

Ownership History

Ownership History			
Owner	**Sale Price**	**Book & Page**	**Sale Date**
FLORIDA TOWER PARTNERS	$0	0000/0000	01/01/1900

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0

Building Attributes	
Field	**Description**
Style:	Outbuildings

Model	
Grade:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Bath Style:	
Kitchen Style:	
Fireplace(s)	
Xtra FPL Open	

Building Photo

(https://images.vgsi.com/photos/MadisonCTPhotos///0033/P8031418_3398

Building Layout


Building Layout (ParcelSketch.ashx?pid=104169&bid=103749)

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

Extra Features

Extra Features
No Data for Extra Features

Land

Land Use

Use Code 4320
Description Cell Tower
Zone

Land Line Valuation

Size (Acres) 0

Outbuildings

Outbuildings						
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
FN4	Fence 8'			150.00 L.F.	$1,700	1
SHD7	Cell Shed			150.00 S.F.	$22,500	1

LNT	Lean To			288.00 S.F.	$2,600	1
GEN	Generator			1.00 UNITS	$400	1
CEL	Cell Tower Tenants		Cell Tower	3.00 UNITS	$540,000	1

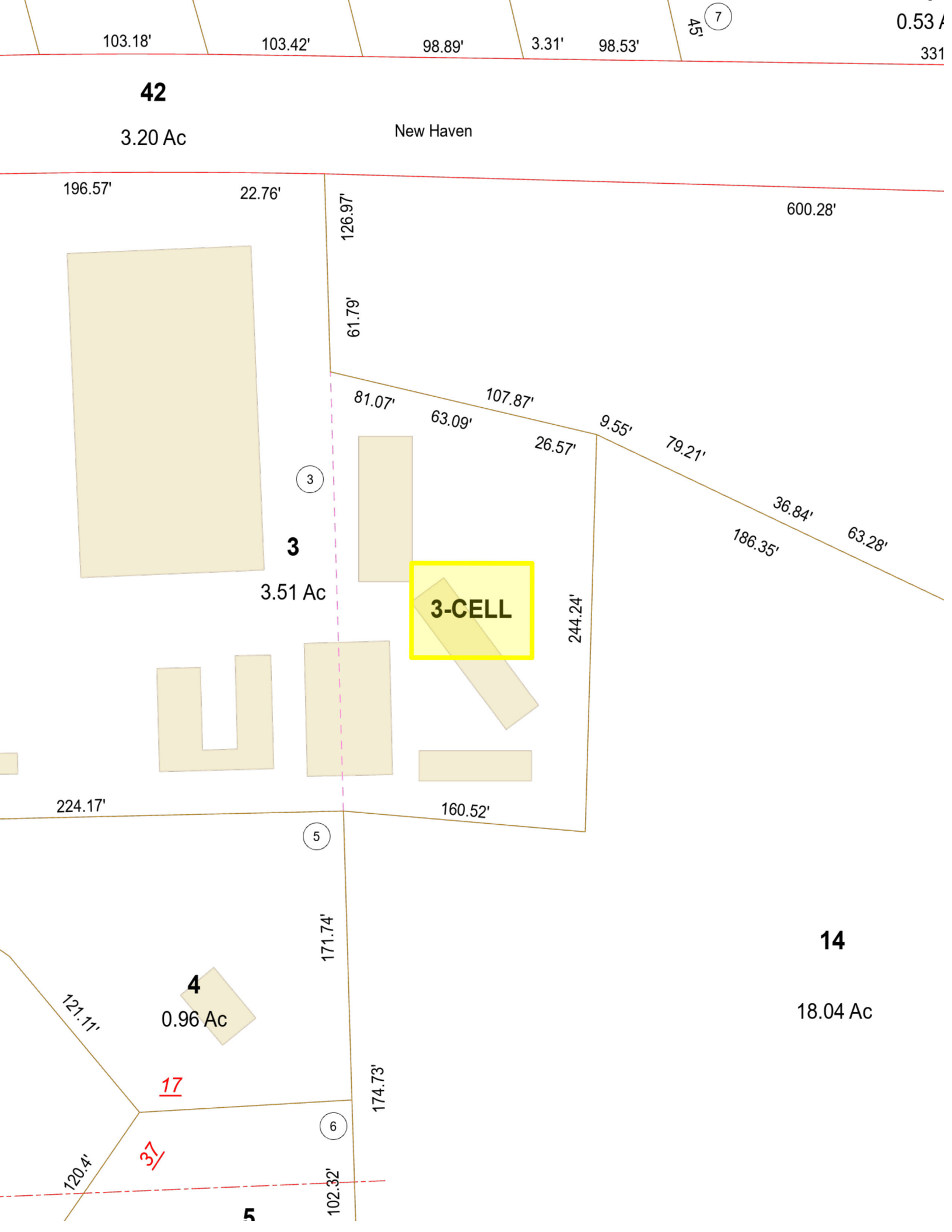

103.18'
103.42'
98.89'
3.31'
98.53'
45'
7
0.53 A
331
42
3.20 Ac
New Haven
196.57'
22.76'
126.97'
600.28'
61.79'
81.07'
107.87'
63.09'
9.55'
26.57'
79.21'
36.84'
186.35'
63.28'
3
3
3.51 Ac
3-CELL
244.24'
224.17'
160.52'
5
171.74'
14
18.04 Ac
4
0.96 Ac
121.11'
17
174.73'
6
120.4'
37
102.32'
5

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	98 ft Monopole
ATC Asset Name	:	MADISON CT
ATC Asset Number	:	283421
Engineering Number	:	13684191_C3_05
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	MADISON V CT
Carrier Site Number	:	467699
Site Location	:	15 Orchard Park Road Madison, CT 06443-2268 41.2831° N, 72.6231° W
County	:	New Haven
Date	:	December 1, 2023
Max Usage	:	54%
Analysis Result	:	Pass

Created By:

Pedro Morales Mendoza
Structural Engineer I

pedro morales

STATE OF CONNECTICUT
ESHA KAUSHAL MODI
32593
LICENSED
PROFESSIONAL ENGINEER

COA: PEC.0001553

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 98 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	Sabre Drawing #30257-MM, dated July 7, 2010
Foundation:	Sabre Job #30257, dated March 21, 2011
Geotechnical:	Terracon Project #J2095225, dated December 21, 2009
Mount Analysis:	Colliers Engineering & Design Project #21777875 (Rev 1), dated September 12, 2023

Analysis

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

Basic Wind Speed:	123 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code(s):	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	D
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.20, S_1 = 0.05
Site Class:	D - Stiff Soil - Default

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 reach out to your American Tower contact. If you do not have an American Tower contact and have an Engineering question, please contact **Engineering@americantower.com** Please include the American Tower asset name, asset number, and engineering number in the subject line for any questions.

Structure Usages

Structural Component	Usage	Control	Result
Pole Shaft	40.2%	1.2D + 1.0W	Pass
Serviceability Usage	14.2%	1.0D + 1.0W	Pass
Base Plate @ 0.0 ft	42.0%	Rods	Pass
Mat & Pier	54.5%	Flexure [Steel (Mat)]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	1,888.3	39.4	26.3

Reactions shown reflect the results from the Load Case with maximum Moment

Structure base reactions were analyzed using available geotechnical and foundation information.

VERIZON WIRELESS Final Loading

Elev (ft)	Qty	Equipment	Lines
77.5	3	Samsung MT6413-77A	-
76.0	1	Platform with Handrails	(2) 1 1/4" (1.25"- 31.8mm) Fiber
	1	Raycap RVZDC-6627-PF-48	
	3	Mount Reinforcement	
	3	JMA Wireless MX06FRO660-03	
	3	Samsung B2/B66A RRH ORAN (RF 4439d-25A)	
	3	Samsung RF4461d-13A	
	3	Samsung RT4401-48A	
74.0	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	-

Install proposed lines inside the pole shaft.

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
97.0	3	Ericsson AIR 21, 1.3 M, B2A B4P	(6) 1 5/8" Coax	T-MOBILE
	3	Ericsson AIR 21, 1.3M, B4A B2P		
	3	Ericsson KRY 112 144/1		
	3	Ericsson Radio 4449 B12,B71		
	3	Mount Reinforcement		
	3	T-Arm		
95.0	3	RFS APXVAARR24_43-U-NA20	(4) 1 5/8" (1.63"-41.3mm) Fiber	T-MOBILE
86.4	12	Ericsson RRUS-11	(5) 2" conduit	AT&T MOBILITY
85.0	1	Platform with Handrails	(2) 0.40" (10.3mm) Fiber (8) 0.78" (19.7mm) 8 AWG 6 (3) 2" conduit (3) 3/8" (0.38"- 9.5mm) RET Control Cable	AT&T MOBILITY
	2	Raycap DC6-48-60-0-8F		
	2	Raycap DC6-48-60-18-8F		
	3	CCI DMP65R-BU8D		
	3	CCI TPA65R-BU8D		
	3	Ericsson AIR 6419 B77G		
	3	Ericsson AIR 6449 B77D/ C-Band		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
	3	Ericsson RRUS 8843 B2, B66A		
	3	Mount Reinforcement		

(If table breaks across pages, please see previous page for data in merged cells)

Standard Conditions

All engineering services performed by A.T. Engineering Services LLC 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 Services LLC

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

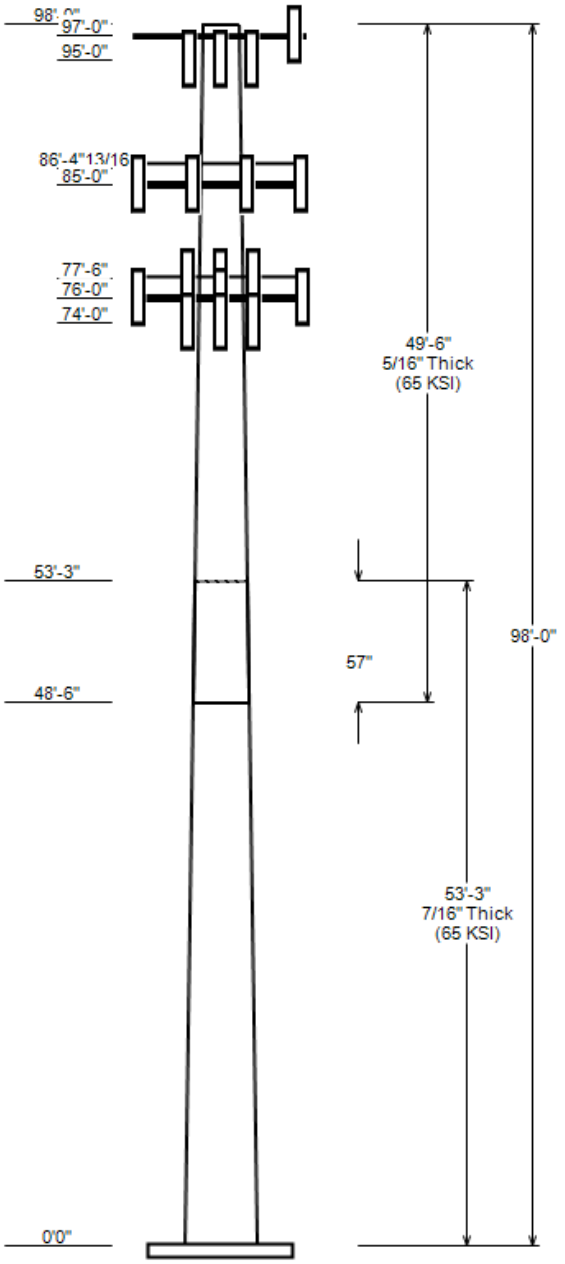
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with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

Unless explicitly agreed by both the client and A.T. Engineering Services LLC, 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 Services LLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

ANALYSIS PARAMETERS

Nominal Wind:	123 mph	**Ice Wind:**	50 mph w/ 1" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	D	**S_s:** 0.204	**S_1:** 0.054
Topo Category:	1	**Topo Factor:**	Method 1	**Topo Feature:**	
Structure Height:	98 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Taper
Base Diameter:	48.67 in	**Base Rotation:**	0°	**Taper:**	0.2250 (in/ft)



POLE SECTION PROPERTIES

Section	Length (ft)	Flat Diameter (in) Top	Flat Diameter (in) Bottom	Thick (in)	Joint Type	Joint Length (in)	Pole Shape	Yield Strength (ksi)
1	53.250	36.69	48.67	0.438		0.000	18 Sides	65
2	49.500	27.25	38.38	0.312	Slip Joint	57.000	18 Sides	65

DISCRETE APPURTENANCE

Elev (ft)	Description
97.0	(3) Ericsson KRY 112 144/1
97.0	(3) Ericsson Radio 4449 B12,B71
97.0	(3) Generic Mount Reinforcement
97.0	(3) Ericsson AIR 21, 1.3 M, B2A B4
97.0	(3) Ericsson AIR 21, 1.3M, B4A B2P
97.0	(3) Generic Round T-Arm
95.0	(3) RFS APXVAARR24_43-U-NA20
86.4	(12) Ericsson RRUS-11
85.0	(2) Raycap DC6-48-60-18-8F
85.0	(2) Raycap DC6-48-60-0-8F
85.0	(3) Ericsson RRUS 8843 B2, B66A
85.0	(3) Ericsson RRUS 4449 B5, B12
85.0	(3) Ericsson RRUS 4478 B14
85.0	(3) Ericsson AIR 6419 B77G
85.0	(3) Ericsson AIR 6449 B77D/ C-Band
85.0	(3) Generic Mount Reinforcement
85.0	(3) CCI DMP65R-BU8D
85.0	(3) CCI TPA65R-BU8D
85.0	(1) Generic Round Platform with Ha
77.5	(3) Samsung MT6413-77A
76.0	(3) Samsung RT4401-48A
76.0	(3) Samsung B2/B66A RRH ORAN (RF 4
76.0	(3) Samsung RF4461d-13A
76.0	(1) Raycap RVZDC-6627-PF-48
76.0	(3) Generic Mount Reinforcement
76.0	(3) JMA Wireless MX06FRO660-03
76.0	(1) Generic Round Platform with Ha
74.0	(3) Samsung Outdoor CBRS 20W RRH –

LINEAR APPURTENANCE

Elev To (ft)	Description
97.0	(6) 1 5/8" Coax
95.0	(4) 1 5/8" (1.63"-41.3mm) Fiber
86.4	(5) 2" conduit
85.0	(3) 3/8" (0.38"- 9.5mm) RET Control Cabl
85.0	(3) 2" conduit
85.0	(8) 0.78" (19.7mm) 8 AWG 6
85.0	(2) 0.40" (10.3mm) Fiber
76.0	(2) 1 1/4" (1.25"- 31.8mm) Fiber

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	1888.32	39.37	26.31
0.9D + 1.0W	1878.86	29.52	26.29
1.2D + 1.0Di + 1.0Wi	452.70	51.58	6.49
1.2D + 1.0Ev + 1.0Eh	114.43	39.13	1.48
0.9D - 1.0Ev + 1.0Eh	113.72	26.95	1.48
1.0D + 1.0W	400.75	32.84	5.60

ANALYSIS PARAMETERS

Location:	New Haven County,CT	**Height:**	98 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	48.67 in
Manufacturer:	Sabre	**Top Diameter:**	27.25 in
K_d (non-service):	0.95	**Taper:**	0.2250 in/ft
K_e:	1.00	**Rotation:**	0.000°

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	123 mph
Exposure Category:	D	**Design Wind Speed w/ Ice:**	50 mph
Topo Factor Procedure:	Method 1	**Design Ice Thickness:**	1.00 in
Topographic Category:	1	**Service Wind Speed:**	60 mph
Crest Height:	0 ft	**HMSL:**	20.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		1.28
T_L (sec):	6	**P:**	1	**C_s:**	0.045
S_s:	0.204	**S_1:**	0.054	**C_s Max:**	0.045
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.218	**S_{d1}:**	0.086		

LOAD CASES

1.2D + 1.0W	123 mph Wind with No Ice
0.9D + 1.0W	123 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in^2)	Bottom Ix (in^4)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (in^2)	Top Ix (in^4)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	53.25	0.4375	65		0.00	10,629	48.67	0.000	66.97	19,685.3	17.85	111.25	36.69	53.25	50.34	8,359.7	13.02	83.87	0.2249
2-18	49.50	0.3125	65	Slip	57.00	5,430	38.38	48.500	37.76	6,915.6	19.90	122.83	27.25	98.00	26.72	2,449.4	13.61	87.20	0.2249
			Total Shaft Weight			**16,059**													

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
97.00	Ericsson AIR 21, 1.3M, B4A B2P	3	0.80	0.000	81.50	6.092	0.70	174.40	7.475	0.70
97.00	Ericsson AIR 21, 1.3 M, B2A B4	3	0.80	0.000	83.00	6.049	0.71	176.24	7.430	0.71
97.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	323.64	8.156	0.67
97.00	Ericsson Radio 4449 B12,B71	3	0.80	0.000	74.00	1.639	0.50	109.77	2.178	0.50
97.00	Ericsson KRY 112 144/1	3	0.80	0.000	11.00	0.351	0.50	17.87	0.610	0.50
97.00	Generic Round T-Arm	3	0.75	0.000	450.00	9.700	0.67	850.57	14.967	0.67
95.00	RFS APXVAARR24_43-U-NA20	3	0.80	0.000	127.90	20.243	0.63	377.78	22.604	0.63
86.40	Ericsson RRUS-11	12	0.75	0.000	55.00	3.792	0.61	111.71	4.603	0.61
85.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.40	2.021	0.67	98.02	2.615	0.67
85.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3519.24	42.582	1.00
85.00	CCI TPA65R-BU8D	3	0.75	0.000	82.50	18.089	0.63	299.46	20.412	0.63
85.00	CCI DMP65R-BU8D	3	0.75	0.000	95.70	17.871	0.63	309.58	20.190	0.63
85.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	321.78	8.108	0.67
85.00	Ericsson AIR 6449 B77D/ C-Band	3	0.75	0.000	81.60	4.028	0.70	154.90	4.891	0.70
85.00	Ericsson AIR 6419 B77G	3	0.75	0.000	66.10	3.797	0.65	127.15	4.626	0.65
85.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	111.56	2.556	0.50
85.00	Ericsson RRUS 8843 B2, B66A	3	0.75	0.000	72.00	1.639	0.50	110.57	2.171	0.50
85.00	Raycap DC6-48-60-18-8F	2	0.75	0.000	20.00	1.260	1.00	53.13	1.674	1.00
85.00	Raycap DC6-48-60-0-8F	2	0.75	0.000	32.80	1.360	1.00	69.38	1.777	1.00
77.50	Samsung MT6413-77A	3	0.75	0.000	57.30	3.805	0.61	110.34	4.635	0.61
76.00	Raycap RVZDC-6627-PF-48	1	0.75	0.000	32.00	3.781	1.00	100.40	4.606	1.00
76.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	320.71	8.081	0.67
76.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3510.24	42.446	1.00
76.00	Samsung RF4461d-13A	3	0.75	0.000	79.10	1.875	0.50	119.31	2.438	0.50
76.00	JMA Wireless MX06FRO660-03	3	0.75	0.000	60.00	9.872	0.71	209.54	11.584	0.71
76.00	Samsung RT4401-48A	3	0.75	0.000	18.60	0.996	0.50	35.44	1.423	0.50
76.00	Samsung B2/B66A RRH ORAN (RF 4	3	0.75	0.000	74.70	1.875	0.50	114.56	2.436	0.50
74.00	Samsung Outdoor CBRS 20W RRH –	3	1.00	0.000	4.40	0.892	0.50	15.58	1.289	0.50
Totals	**Row Count: 28**	**85**			**12,547.00**			**22,181.73**		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Diameter (in)	Weight (lb/ft)	Flat	Max/ Row	Distance Between Rows(in)	Distance Between Cols(in)	Azimuth (deg)	Distance From Face (in)	Exposed To Wind	Carrier
0.00	97.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	T-MOBILE
0.00	95.00	4	1 5/8" (1.63"-41.3mm)	1.63	1.61	N	0	0	0	0	0	N	T-MOBILE
0.00	86.40	5	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	85.00	8	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	85.00	3	3/8" (0.38"- 9.5mm) R	0.38	0.23	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	85.00	3	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	85.00	2	0.40" (10.3mm) Fiber	0.4	0.09	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	76.00	2	1 1/4" (1.25"- 31.8mm	1.25	1.05	N	0	0	0	0	0	N	VERIZON WIRELESS

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description *(Max Length: 5 ft)*	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.4375	48.670	66.974	19,685.30	17.85	111.25	80.4	796.6	0.0	0.0
5.00		0.4375	47.545	65.413	18,340.00	17.40	108.67	80.9	759.8	0.0	1,126.2

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description	(Max Length: 5 ft)	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
10.00			0.4375	46.421	63.851	17,057.50	16.95	106.10	81.5	723.7	0.0	1,099.6
15.00			0.4375	45.296	62.289	15,836.20	16.49	103.53	82	688.6	0.0	1,073.1
20.00			0.4375	44.171	60.727	14,674.60	16.04	100.96	82.5	654.3	0.0	1,046.5
25.00			0.4375	43.046	59.165	13,571.20	15.59	98.39	82.6	621.0	0.0	1,019.9
30.00			0.4375	41.922	57.604	12,524.60	15.13	95.82	82.6	588.5	0.0	993.3
35.00			0.4375	40.797	56.042	11,533.30	14.68	93.25	82.6	556.8	0.0	966.8
40.00			0.4375	39.672	54.480	10,595.70	14.23	90.68	82.6	526.0	0.0	940.2
45.00			0.4375	38.547	52.918	9,710.30	13.77	88.11	82.6	496.2	0.0	913.6
48.50	Bot - Section 2		0.4375	37.760	51.825	9,120.80	13.46	86.31	82.6	475.8	0.0	623.7
50.00			0.4375	37.423	51.357	8,875.70	13.32	85.54	82.6	467.1	0.0	455.2
53.25	Top - Section 1		0.3125	37.316	36.702	6,349.50	19.29	119.41	78.7	335.1	0.0	972.2
55.00			0.3125	36.923	36.312	6,149.00	19.07	118.15	79	328.0	0.0	217.4
60.00			0.3125	35.798	35.196	5,599.50	18.44	114.55	79.7	308.1	0.0	608.3
65.00			0.3125	34.673	34.080	5,083.80	17.80	110.95	80.5	288.8	0.0	589.3
70.00			0.3125	33.549	32.965	4,600.70	17.17	107.36	81.2	270.1	0.0	570.4
74.00			0.3125	32.649	32.072	4,237.10	16.66	104.48	81.8	255.6	0.0	442.6
75.00			0.3125	32.424	31.849	4,149.20	16.53	103.76	82	252.0	0.0	108.8
76.00			0.3125	32.199	31.626	4,062.70	16.40	103.04	82.1	248.5	0.0	108.0
77.50			0.3125	31.861	31.291	3,935.00	16.21	101.96	82.3	243.3	0.0	160.6
80.00			0.3125	31.299	30.734	3,728.30	15.90	100.16	82.6	234.6	0.0	263.8
85.00			0.3125	30.174	29.618	3,336.90	15.26	96.56	82.6	217.8	0.0	513.4
86.40			0.3125	29.859	29.306	3,232.40	15.08	95.55	82.6	213.2	0.0	140.4
90.00			0.3125	29.050	28.503	2,973.90	14.63	92.96	82.6	201.6	0.0	354.1
95.00			0.3125	27.925	27.387	2,638.20	13.99	89.36	82.6	186.1	0.0	475.4
97.00			0.3125	27.475	26.941	2,511.30	13.74	87.92	82.6	180.0	0.0	184.9
98.00			0.3125	27.250	26.718	2,449.40	13.61	87.20	82.6	177.0	0.0	91.3
											Total:	**16,059.0**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 123 mph Wind with No Ice — 18 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-39.37	-26.31	0.00	-1,888.3	0.00	1,888.32	4,846.45	1,175.40	5,120.81	4,803.92	0	0	0.402
5.00	-37.67	-25.78	0.00	-1,756.8	0.00	1,756.79	4,764.82	1,147.99	4,884.80	4,611.88	0.07	-0.13	0.389
10.00	-36.01	-25.26	0.00	-1,627.9	0.00	1,627.90	4,681.70	1,120.58	4,654.36	4,422.23	0.28	-0.26	0.376
15.00	-34.38	-24.74	0.00	-1,501.6	0.00	1,501.61	4,597.07	1,093.17	4,429.48	4,235.08	0.63	-0.39	0.363
20.00	-32.79	-24.20	0.00	-1,377.9	0.00	1,377.93	4,510.95	1,065.76	4,210.17	4,050.54	1.11	-0.52	0.348
25.00	-31.23	-23.65	0.00	-1,256.9	0.00	1,256.93	4,395.70	1,038.35	3,996.44	3,844.54	1.73	-0.65	0.335
30.00	-29.70	-23.09	0.00	-1,138.7	0.00	1,138.68	4,279.67	1,010.94	3,788.26	3,643.24	2.48	-0.78	0.320
35.00	-28.21	-22.52	0.00	-1,023.2	0.00	1,023.24	4,163.63	983.54	3,585.66	3,447.36	3.36	-0.9	0.304
40.00	-26.76	-21.94	0.00	-910.6	0.00	910.65	4,047.60	956.13	3,388.63	3,256.89	4.36	-1.02	0.287
45.00	-25.35	-21.45	0.00	-800.9	0.00	800.94	3,931.57	928.72	3,197.16	3,071.84	5.49	-1.13	0.268
48.50	-24.38	-21.15	0.00	-725.9	0.00	725.86	3,850.34	909.53	3,066.44	2,945.52	6.35	-1.21	0.253
50.00	-23.74	-20.88	0.00	-694.1	0.00	694.14	3,815.53	901.31	3,011.26	2,892.19	6.74	-1.24	0.247
53.25	-22.37	-20.57	0.00	-626.3	0.00	626.29	2,599.91	644.12	2,152.88	1,978.37	7.61	-1.31	0.326
55.00	-21.99	-20.19	0.00	-590.3	0.00	590.30	2,580.79	637.27	2,107.32	1,942.75	8.1	-1.35	0.313
60.00	-20.95	-19.62	0.00	-489.4	0.00	489.36	2,525.14	617.69	1,979.84	1,841.97	9.58	-1.47	0.275
65.00	-19.93	-19.06	0.00	-391.3	0.00	391.26	2,468.00	598.11	1,856.34	1,742.73	11.19	-1.59	0.234
70.00	-18.95	-18.54	0.00	-296.0	0.00	295.98	2,409.36	578.53	1,736.82	1,645.13	12.9	-1.68	0.189
74.00	-18.17	-18.18	0.00	-221.8	0.00	221.81	2,361.37	562.87	1,644.06	1,568.30	14.34	-1.75	0.150
75.00	-17.98	-18.07	0.00	-203.6	0.00	203.63	2,349.22	558.95	1,621.27	1,549.28	14.71	-1.76	0.140
76.00	-13.30	-14.55	0.00	-185.6	0.00	185.56	2,337.01	555.04	1,598.64	1,530.33	15.08	-1.77	0.128
77.50	-12.83	-14.03	0.00	-163.7	0.00	163.73	2,318.59	549.17	1,564.99	1,502.04	15.64	-1.79	0.115
80.00	-12.38	-13.62	0.00	-128.6	0.00	128.65	2,283.36	539.38	1,509.70	1,452.59	16.59	-1.82	0.095
85.00	-5.94	-6.96	0.00	-60.5	0.00	60.54	2,200.48	519.80	1,402.11	1,348.55	18.52	-1.85	0.048
86.40	-4.98	-5.49	0.00	-50.8	0.00	50.80	2,177.27	514.32	1,372.70	1,320.11	19.06	-1.86	0.041
90.00	-4.52	-5.04	0.00	-31.0	0.00	31.03	2,117.60	500.22	1,298.50	1,248.37	20.47	-1.87	0.027
95.00	-3.49	-2.90	0.00	-5.8	0.00	5.84	2,034.72	480.64	1,198.86	1,152.06	22.44	-1.88	0.007

CALCULATED FORCES

97.00	-0.11	-0.05	0.00	-0.0	0.00	0.05	2,001.57	472.81	1,160.11	1,114.61	23.23	-1.88	0.000
98.00	0.00	-0.04	0.00	0.0	0.00	0.00	1,984.99	468.90	1,140.98	1,096.12	23.62	-1.88	0.000

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 123 mph Wind with No Ice (Reduced DL) — 18 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-29.52	-26.29	0.00	-1,878.9	0.00	1,878.86	4,846.45	1,175.40	5,120.81	4,803.92	0	0	0.398
5.00	-28.23	-25.75	0.00	-1,747.4	0.00	1,747.39	4,764.82	1,147.99	4,884.80	4,611.88	0.07	-0.13	0.385
10.00	-26.97	-25.21	0.00	-1,618.7	0.00	1,618.67	4,681.70	1,120.58	4,654.36	4,422.23	0.28	-0.26	0.372
15.00	-25.74	-24.67	0.00	-1,492.6	0.00	1,492.64	4,597.07	1,093.17	4,429.48	4,235.08	0.62	-0.39	0.359
20.00	-24.53	-24.11	0.00	-1,369.3	0.00	1,369.31	4,510.95	1,065.76	4,210.17	4,050.54	1.1	-0.52	0.344
25.00	-23.35	-23.55	0.00	-1,248.7	0.00	1,248.74	4,395.70	1,038.35	3,996.44	3,844.54	1.72	-0.65	0.331
30.00	-22.20	-22.98	0.00	-1,131.0	0.00	1,130.99	4,279.67	1,010.94	3,788.26	3,643.24	2.46	-0.77	0.316
35.00	-21.07	-22.40	0.00	-1,016.1	0.00	1,016.12	4,163.63	983.54	3,585.66	3,447.36	3.34	-0.89	0.300
40.00	-19.97	-21.81	0.00	-904.1	0.00	904.14	4,047.60	956.13	3,388.63	3,256.89	4.34	-1.01	0.283
45.00	-18.91	-21.31	0.00	-795.1	0.00	795.07	3,931.57	928.72	3,197.16	3,071.84	5.46	-1.13	0.264
48.50	-18.18	-21.02	0.00	-720.5	0.00	720.47	3,850.34	909.53	3,066.44	2,945.52	6.31	-1.2	0.250
50.00	-17.69	-20.74	0.00	-688.9	0.00	688.94	3,815.53	901.31	3,011.26	2,892.19	6.7	-1.24	0.243
53.25	-16.67	-20.43	0.00	-621.6	0.00	621.55	2,599.91	644.12	2,152.88	1,978.37	7.56	-1.3	0.322
55.00	-16.37	-20.05	0.00	-585.8	0.00	585.80	2,580.79	637.27	2,107.32	1,942.75	8.05	-1.34	0.309
60.00	-15.59	-19.47	0.00	-485.6	0.00	485.56	2,525.14	617.69	1,979.84	1,841.97	9.52	-1.46	0.271
65.00	-14.82	-18.91	0.00	-388.2	0.00	388.19	2,468.00	598.11	1,856.34	1,742.73	11.12	-1.58	0.230
70.00	-14.08	-18.40	0.00	-293.7	0.00	293.66	2,409.36	578.53	1,736.82	1,645.13	12.82	-1.67	0.185
74.00	-13.49	-18.03	0.00	-220.1	0.00	220.08	2,361.37	562.87	1,644.06	1,568.30	14.25	-1.73	0.147
75.00	-13.35	-17.92	0.00	-202.0	0.00	202.04	2,349.22	558.95	1,621.27	1,549.28	14.62	-1.75	0.137
76.00	-9.87	-14.44	0.00	-184.1	0.00	184.12	2,337.01	555.04	1,598.64	1,530.33	14.99	-1.76	0.125
77.50	-9.51	-13.93	0.00	-162.5	0.00	162.46	2,318.59	549.17	1,564.99	1,502.04	15.54	-1.78	0.113
80.00	-9.18	-13.52	0.00	-127.6	0.00	127.65	2,283.36	539.38	1,509.70	1,452.59	16.48	-1.81	0.093
85.00	-4.40	-6.91	0.00	-60.1	0.00	60.06	2,200.48	519.80	1,402.11	1,348.55	18.4	-1.84	0.047
86.40	-3.69	-5.45	0.00	-50.4	0.00	50.39	2,177.27	514.32	1,372.70	1,320.11	18.94	-1.85	0.040
90.00	-3.35	-5.00	0.00	-30.8	0.00	30.78	2,117.60	500.22	1,298.50	1,248.37	20.34	-1.86	0.026
95.00	-2.59	-2.87	0.00	-5.8	0.00	5.78	2,034.72	480.64	1,198.86	1,152.06	22.29	-1.87	0.006
97.00	-0.08	-0.04	0.00	-0.0	0.00	0.04	2,001.57	472.81	1,160.11	1,114.61	23.08	-1.87	0.000
98.00	0.00	-0.04	0.00	0.0	0.00	0.00	1,984.99	468.90	1,140.98	1,096.12	23.47	-1.87	0.000

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1" Radial Ice — 17 Iterations

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

Ice Dead Load Factor: 1.00

Ice Importance Factor: 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-51.58	-6.49	0.00	-452.7	0.00	452.70	4,846.45	1,175.40	5,120.81	4,803.92	0	0	0.105
5.00	-49.70	-6.34	0.00	-420.3	0.00	420.26	4,764.82	1,147.99	4,884.80	4,611.88	0.02	-0.03	0.102
10.00	-47.84	-6.20	0.00	-388.5	0.00	388.54	4,681.70	1,120.58	4,654.36	4,422.23	0.07	-0.06	0.098
15.00	-45.99	-6.05	0.00	-357.6	0.00	357.55	4,597.07	1,093.17	4,429.48	4,235.08	0.15	-0.09	0.094
20.00	-44.18	-5.91	0.00	-327.3	0.00	327.28	4,510.95	1,065.76	4,210.17	4,050.54	0.27	-0.12	0.091
25.00	-42.40	-5.75	0.00	-297.8	0.00	297.75	4,395.70	1,038.35	3,996.44	3,844.54	0.41	-0.16	0.087
30.00	-40.65	-5.59	0.00	-269.0	0.00	268.99	4,279.67	1,010.94	3,788.26	3,643.24	0.59	-0.18	0.083
35.00	-38.94	-5.43	0.00	-241.0	0.00	241.02	4,163.63	983.54	3,585.66	3,447.36	0.8	-0.21	0.079
40.00	-37.26	-5.27	0.00	-213.8	0.00	213.85	4,047.60	956.13	3,388.63	3,256.89	1.04	-0.24	0.075
45.00	-35.62	-5.13	0.00	-187.5	0.00	187.48	3,931.57	928.72	3,197.16	3,071.84	1.31	-0.27	0.070
48.50	-34.49	-5.05	0.00	-169.5	0.00	169.51	3,850.34	909.53	3,066.44	2,945.52	1.51	-0.29	0.067
50.00	-33.78	-4.97	0.00	-161.9	0.00	161.94	3,815.53	901.31	3,011.26	2,892.19	1.6	-0.29	0.065
53.25	-32.26	-4.88	0.00	-145.8	0.00	145.78	2,599.91	644.12	2,152.88	1,978.37	1.81	-0.31	0.086
55.00	-31.81	-4.78	0.00	-137.2	0.00	137.23	2,580.79	637.27	2,107.32	1,942.75	1.93	-0.32	0.083
60.00	-30.55	-4.62	0.00	-113.3	0.00	113.34	2,525.14	617.69	1,979.84	1,841.97	2.28	-0.35	0.074
65.00	-29.31	-4.46	0.00	-90.3	0.00	90.26	2,468.00	598.11	1,856.34	1,742.73	2.65	-0.37	0.064
70.00	-28.10	-4.31	0.00	-68.0	0.00	67.99	2,409.36	578.53	1,736.82	1,645.13	3.06	-0.4	0.053
74.00	-27.12	-4.21	0.00	-50.8	0.00	50.75	2,361.37	562.87	1,644.06	1,568.30	3.4	-0.41	0.044
75.00	-26.88	-4.18	0.00	-46.5	0.00	46.54	2,349.22	558.95	1,621.27	1,549.28	3.48	-0.41	0.042
76.00	-20.38	-3.33	0.00	-42.4	0.00	42.36	2,337.01	555.04	1,598.64	1,530.33	3.57	-0.42	0.036
77.50	-19.71	-3.20	0.00	-37.4	0.00	37.38	2,318.59	549.17	1,564.99	1,502.04	3.7	-0.42	0.033
80.00	-19.14	-3.08	0.00	-29.4	0.00	29.37	2,283.36	539.38	1,509.70	1,452.59	3.93	-0.43	0.029
85.00	-9.54	-1.60	0.00	-14.0	0.00	13.95	2,200.48	519.80	1,402.11	1,348.55	4.38	-0.44	0.015
86.40	-7.95	-1.27	0.00	-11.7	0.00	11.72	2,177.27	514.32	1,372.70	1,320.11	4.51	-0.44	0.013
90.00	-7.32	-1.14	0.00	-7.1	0.00	7.13	2,117.60	500.22	1,298.50	1,248.37	4.84	-0.44	0.009
95.00	-5.45	-0.70	0.00	-1.4	0.00	1.42	2,034.72	480.64	1,198.86	1,152.06	5.3	-0.44	0.004
97.00	-0.15	-0.01	0.00	-0.0	0.00	0.01	2,001.57	472.81	1,160.11	1,114.61	5.49	-0.44	0.000
98.00	0.00	-0.01	0.00	0.0	0.00	0.00	1,984.99	468.90	1,140.98	1,096.12	5.58	-0.44	0.000

CALCULATED FORCES

Load Case: 1.0D + 1.0W — 60 mph Wind with No Ice — 17 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-32.84	-5.60	0.00	-400.8	0.00	400.75	4,846.45	1,175.40	5,120.81	4,803.92	0	0	0.090
5.00	-31.47	-5.48	0.00	-372.8	0.00	372.75	4,764.82	1,147.99	4,884.80	4,611.88	0.02	-0.03	0.087
10.00	-30.12	-5.37	0.00	-345.3	0.00	345.33	4,681.70	1,120.58	4,654.36	4,422.23	0.06	-0.06	0.085
15.00	-28.81	-5.26	0.00	-318.5	0.00	318.49	4,597.07	1,093.17	4,429.48	4,235.08	0.13	-0.08	0.081
20.00	-27.52	-5.14	0.00	-292.2	0.00	292.20	4,510.95	1,065.76	4,210.17	4,050.54	0.24	-0.11	0.078
25.00	-26.25	-5.02	0.00	-266.5	0.00	266.50	4,395.70	1,038.35	3,996.44	3,844.54	0.37	-0.14	0.075
30.00	-25.02	-4.90	0.00	-241.4	0.00	241.40	4,279.67	1,010.94	3,788.26	3,643.24	0.53	-0.16	0.072
35.00	-23.81	-4.78	0.00	-216.9	0.00	216.90	4,163.63	983.54	3,585.66	3,447.36	0.71	-0.19	0.069
40.00	-22.62	-4.65	0.00	-193.0	0.00	193.01	4,047.60	956.13	3,388.63	3,256.89	0.93	-0.22	0.065
45.00	-21.47	-4.55	0.00	-169.7	0.00	169.74	3,931.57	928.72	3,197.16	3,071.84	1.16	-0.24	0.061
48.50	-20.67	-4.49	0.00	-153.8	0.00	153.82	3,850.34	909.53	3,066.44	2,945.52	1.35	-0.26	0.058
50.00	-20.15	-4.43	0.00	-147.1	0.00	147.10	3,815.53	901.31	3,011.26	2,892.19	1.43	-0.26	0.056
53.25	-19.02	-4.36	0.00	-132.7	0.00	132.71	2,599.91	644.12	2,152.88	1,978.37	1.61	-0.28	0.074
55.00	-18.71	-4.28	0.00	-125.1	0.00	125.08	2,580.79	637.27	2,107.32	1,942.75	1.72	-0.29	0.072
60.00	-17.86	-4.16	0.00	-103.7	0.00	103.69	2,525.14	617.69	1,979.84	1,841.97	2.03	-0.31	0.063
65.00	-17.03	-4.04	0.00	-82.9	0.00	82.90	2,468.00	598.11	1,856.34	1,742.73	2.37	-0.34	0.055
70.00	-16.22	-3.93	0.00	-62.7	0.00	62.71	2,409.36	578.53	1,736.82	1,645.13	2.74	-0.36	0.045
74.00	-15.57	-3.85	0.00	-47.0	0.00	47.00	2,361.37	562.87	1,644.06	1,568.30	3.04	-0.37	0.037
75.00	-15.41	-3.83	0.00	-43.2	0.00	43.15	2,349.22	558.95	1,621.27	1,549.28	3.12	-0.37	0.034
76.00	-11.43	-3.08	0.00	-39.3	0.00	39.32	2,337.01	555.04	1,598.64	1,530.33	3.2	-0.38	0.031
77.50	-11.03	-2.97	0.00	-34.7	0.00	34.69	2,318.59	549.17	1,564.99	1,502.04	3.32	-0.38	0.028
80.00	-10.65	-2.89	0.00	-27.3	0.00	27.26	2,283.36	539.38	1,509.70	1,452.59	3.52	-0.39	0.023
85.00	-5.13	-1.47	0.00	-12.8	0.00	12.83	2,200.48	519.80	1,402.11	1,348.55	3.93	-0.39	0.012
86.40	-4.29	-1.16	0.00	-10.8	0.00	10.76	2,177.27	514.32	1,372.70	1,320.11	4.04	-0.39	0.010
90.00	-3.89	-1.07	0.00	-6.6	0.00	6.57	2,117.60	500.22	1,298.50	1,248.37	4.34	-0.4	0.007
95.00	-2.98	-0.61	0.00	-1.2	0.00	1.23	2,034.72	480.64	1,198.86	1,152.06	4.76	-0.4	0.003
97.00	-0.09	-0.01	0.00	-0.0	0.00	0.01	2,001.57	472.81	1,160.11	1,114.61	4.93	-0.4	0.000
98.00	0.00	-0.01	0.00	0.0	0.00	0.00	1,984.99	468.90	1,140.98	1,096.12	5.01	-0.4	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

(Based on ASCE7-16 Chapters 11, 12 and 15)

Spectral Response Acceleration for Short Period (S_S):	0.204
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.054
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.218
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.086
Seismic Response Coefficient (C_s):	0.045
Upper Limit C_S:	0.045
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	1.280
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.390
Total Unfactored Dead Load:	32.840 k
Seismic Base Shear (E):	1.480 k

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
27	97.5	91	53	0.005	8	114
26	96	195	111	0.011	16	242
25	92.5	532	287	0.028	42	662
24	88.2	395	199	0.020	29	491
23	85.7	182	88	0.009	13	226
22	82.5	744	342	0.034	50	925
21	78.75	379	164	0.016	24	472
20	76.75	230	96	0.010	14	286
19	75.5	156	64	0.006	9	194
18	74.5	157	63	0.006	9	195
17	72	636	242	0.024	36	790
16	67.5	812	283	0.028	42	1,009
15	62.5	831	260	0.026	38	1,033
14	57.5	850	237	0.024	35	1,056
13	54.125	302	77	0.008	11	375
12	51.625	1,129	271	0.027	40	1,404
11	49.25	528	119	0.012	17	656
10	46.75	793	166	0.016	24	986
9	42.5	1,155	211	0.021	31	1,436
8	37.5	1,181	182	0.018	27	1,469
7	32.5	1,208	152	0.015	22	1,502
6	27.5	1,235	123	0.012	18	1,535
5	22.5	1,261	95	0.010	14	1,568
4	17.5	1,288	69	0.007	10	1,601
3	12.5	1,314	44	0.004	6	1,634
2	7.5	1,341	22	0.002	3	1,667
1	2.5	1,367	5	0.000	1	1,700
Ericsson KRY 112 144/1	97	33	19	0.002	3	41
Ericsson Radio 4449 B12,B71	97	222	128	0.013	19	276
Generic Mount Reinforcement	97	600	346	0.034	51	746
Generic Mount Reinforcement	85	600	288	0.029	42	746
Generic Mount Reinforcement	76	600	246	0.024	36	746
Ericsson AIR 21, 1.3 M, B2A B4P	97	249	143	0.014	21	310
Ericsson AIR 21, 1.3M, B4A B2P	97	244	141	0.014	21	304
Generic Round T-Arm	97	1,350	778	0.077	114	1,679
RFS APXVAARR24_43-U-NA20	95	384	215	0.021	32	477
Ericsson RRUS-11	86.4	660	324	0.032	48	821
Raycap DC6-48-60-18-8F	85	40	19	0.002	3	50

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
Raycap DC6-48-60-0-8F	85	66	31	0.003	5	82
Ericsson RRUS 8843 B2, B66A	85	216	104	0.010	15	269
Ericsson RRUS 4449 B5, B12	85	213	102	0.010	15	265
Ericsson RRUS 4478 B14	85	178	85	0.008	13	222
Ericsson AIR 6419 B77G	85	198	95	0.009	14	247
Ericsson AIR 6449 B77D/ C-Band	85	245	117	0.012	17	304
CCI DMP65R-BU8D	85	287	138	0.014	20	357
CCI TPA65R-BU8D	85	248	119	0.012	17	308
Generic Round Platform with Handrails	85	2,500	1,199	0.119	176	3,109
Generic Round Platform with Handrails	76	2,500	1,026	0.102	151	3,109
Samsung MT6413-77A	77.5	172	73	0.007	11	214
Samsung RT4401-48A	76	56	23	0.002	3	69
Samsung B2/B66A RRH ORAN (RF 4439d-25A)	76	224	92	0.009	14	279
Samsung RF4461d-13A	76	237	97	0.010	14	295
Raycap RVZDC-6627-PF-48	76	32	13	0.001	2	40
JMA Wireless MX06FRO660-03	76	180	74	0.007	11	224
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	74	13	5	0.000	1	16
	Totals:	**32,837**	**10,064**	**1.000**	**1,479**	**40,834**

SEISMIC FORCES

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

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
27	97.5	91	53	0.005	8	78
26	96	195	111	0.011	16	167
25	92.5	532	287	0.028	42	456
24	88.2	395	199	0.020	29	338
23	85.7	182	88	0.009	13	156
22	82.5	744	342	0.034	50	637
21	78.75	379	164	0.016	24	325
20	76.75	230	96	0.010	14	197
19	75.5	156	64	0.006	9	134
18	74.5	157	63	0.006	9	134
17	72	636	242	0.024	36	544
16	67.5	812	283	0.028	42	695
15	62.5	831	260	0.026	38	711
14	57.5	850	237	0.024	35	728
13	54.125	302	77	0.008	11	259
12	51.625	1,129	271	0.027	40	967
11	49.25	528	119	0.012	17	452
10	46.75	793	166	0.016	24	679
9	42.5	1,155	211	0.021	31	989
8	37.5	1,181	182	0.018	27	1,012
7	32.5	1,208	152	0.015	22	1,035
6	27.5	1,235	123	0.012	18	1,057
5	22.5	1,261	95	0.010	14	1,080
4	17.5	1,288	69	0.007	10	1,103
3	12.5	1,314	44	0.004	6	1,126
2	7.5	1,341	22	0.002	3	1,148
1	2.5	1,367	5	0.000	1	1,171
Ericsson KRY 112 144/1	97	33	19	0.002	3	28
Ericsson Radio 4449 B12,B71	97	222	128	0.013	19	190
Generic Mount Reinforcement	97	600	346	0.034	51	514
Generic Mount Reinforcement	85	600	288	0.029	42	514
Generic Mount Reinforcement	76	600	246	0.024	36	514
Ericsson AIR 21, 1.3 M, B2A B4P	97	249	143	0.014	21	213
Ericsson AIR 21, 1.3M, B4A B2P	97	244	141	0.014	21	209
Generic Round T-Arm	97	1,350	778	0.077	114	1,156
RFS APXVAARR24_43-U-NA20	95	384	215	0.021	32	329
Ericsson RRUS-11	86.4	660	324	0.032	48	565
Raycap DC6-48-60-18-8F	85	40	19	0.002	3	34

SEISMIC FORCES

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

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
Raycap DC6-48-60-0-8F	85	66	31	0.003	5	56
Ericsson RRUS 8843 B2, B66A	85	216	104	0.010	15	185
Ericsson RRUS 4449 B5, B12	85	213	102	0.010	15	182
Ericsson RRUS 4478 B14	85	178	85	0.008	13	153
Ericsson AIR 6419 B77G	85	198	95	0.009	14	170
Ericsson AIR 6449 B77D/ C-Band	85	245	117	0.012	17	210
CCI DMP65R-BU8D	85	287	138	0.014	20	246
CCI TPA65R-BU8D	85	248	119	0.012	17	212
Generic Round Platform with Handrails	85	2,500	1,199	0.119	176	2,141
Generic Round Platform with Handrails	76	2,500	1,026	0.102	151	2,141
Samsung MT6413-77A	77.5	172	73	0.007	11	147
Samsung RT4401-48A	76	56	23	0.002	3	48
Samsung B2/B66A RRH ORAN (RF 4439d-25A)	76	224	92	0.009	14	192
Samsung RF4461d-13A	76	237	97	0.010	14	203
Raycap RVZDC-6627-PF-48	76	32	13	0.001	2	27
JMA Wireless MX06FRO660-03	76	180	74	0.007	11	154
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	74	13	5	0.000	1	11
	Totals:	**32,837**	**10,064**	**1.000**	**1,479**	**28,125**

1.2D + 1.0Ev + 1.0Eh **Seismic**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-39.13	-1.48	0.00	-114.43	0.00	114.43	4,846.45	1,175.40	5,121	4,803.92	0.00	0.00	0.03
5.00	-37.47	-1.48	0.00	-107.03	0.00	107.03	4,764.82	1,147.99	4,885	4,611.88	0.00	-0.01	0.03
10.00	-35.83	-1.48	0.00	-99.62	0.00	99.62	4,681.70	1,120.58	4,654	4,422.23	0.02	-0.02	0.03
15.00	-34.23	-1.47	0.00	-92.22	0.00	92.22	4,597.07	1,093.17	4,429	4,235.08	0.04	-0.02	0.03
20.00	-32.66	-1.46	0.00	-84.84	0.00	84.84	4,510.95	1,065.76	4,210	4,050.54	0.07	-0.03	0.03
25.00	-31.13	-1.45	0.00	-77.52	0.00	77.52	4,395.70	1,038.35	3,996	3,844.54	0.11	-0.04	0.03
30.00	-29.62	-1.43	0.00	-70.27	0.00	70.27	4,279.67	1,010.94	3,788	3,643.24	0.15	-0.05	0.03
35.00	-28.15	-1.41	0.00	-63.12	0.00	63.12	4,163.63	983.54	3,586	3,447.36	0.21	-0.06	0.03
40.00	-26.72	-1.38	0.00	-56.09	0.00	56.09	4,047.60	956.13	3,389	3,256.89	0.27	-0.06	0.02
45.00	-25.73	-1.35	0.00	-49.21	0.00	49.21	3,931.57	928.72	3,197	3,071.84	0.34	-0.07	0.02
48.50	-25.08	-1.34	0.00	-44.47	0.00	44.47	3,850.34	909.53	3,066	2,945.52	0.39	-0.07	0.02
50.00	-23.67	-1.30	0.00	-42.47	0.00	42.47	3,815.53	901.31	3,011	2,892.19	0.41	-0.08	0.02
53.25	-23.30	-1.29	0.00	-38.25	0.00	38.25	2,599.91	644.12	2,153	1,978.37	0.47	-0.08	0.03
55.00	-22.24	-1.25	0.00	-36.00	0.00	36.00	2,580.79	637.27	2,107	1,942.75	0.50	-0.08	0.03
60.00	-21.21	-1.21	0.00	-29.74	0.00	29.74	2,525.14	617.69	1,980	1,841.97	0.59	-0.09	0.03
65.00	-20.20	-1.17	0.00	-23.67	0.00	23.67	2,468.00	598.11	1,856	1,742.73	0.69	-0.10	0.02
70.00	-19.41	-1.14	0.00	-17.80	0.00	17.80	2,409.36	578.53	1,737	1,645.13	0.79	-0.10	0.02
74.00	-19.20	-1.13	0.00	-13.25	0.00	13.25	2,361.37	562.87	1,644	1,568.30	0.88	-0.11	0.02
75.00	-19.00	-1.12	0.00	-12.12	0.00	12.12	2,349.22	558.95	1,621	1,549.28	0.90	-0.11	0.02
76.00	-13.95	-0.87	0.00	-11.00	0.00	11.00	2,337.01	555.04	1,599	1,530.33	0.92	-0.11	0.01
77.50	-13.27	-0.83	0.00	-9.70	0.00	9.70	2,318.59	549.17	1,565	1,502.04	0.96	-0.11	0.01
80.00	-12.34	-0.78	0.00	-7.63	0.00	7.63	2,283.36	539.38	1,510	1,452.59	1.02	-0.11	0.01
85.00	-6.16	-0.42	0.00	-3.74	0.00	3.74	2,200.48	519.80	1,402	1,348.55	1.13	-0.11	0.01
86.40	-4.85	-0.34	0.00	-3.16	0.00	3.16	2,177.27	514.32	1,373	1,320.11	1.17	-0.11	0.01
90.00	-4.19	-0.29	0.00	-1.95	0.00	1.95	2,117.60	500.22	1,298	1,248.37	1.25	-0.11	0.00
95.00	-3.47	-0.24	0.00	-0.49	0.00	0.49	2,034.72	480.64	1,199	1,152.06	1.37	-0.12	0.00
97.00	0.00	0.00	0.00	0.00	0.00	0.00	2,001.57	472.81	1,160	1,114.61	1.42	-0.12	0.00
98.00	0.00	0.00	0.00	0.00	0.00	0.00	1,984.99	468.90	1,141	1,096.12	1.45	-0.12	0.00

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

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-26.95	-1.48	0.00	-113.72	0.00	113.72	4,846.45	1,175.40	5,121	4,803.92	0.00	0.00	0.03
5.00	-25.80	-1.48	0.00	-106.33	0.00	106.33	4,764.82	1,147.99	4,885	4,611.88	0.00	-0.01	0.03

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
10.00	-24.68	-1.48	0.00	-98.93	0.00	98.93	4,681.70	1,120.58	4,654	4,422.23	0.02	-0.02	0.03
15.00	-23.58	-1.47	0.00	-91.54	0.00	91.54	4,597.07	1,093.17	4,429	4,235.08	0.04	-0.02	0.03
20.00	-22.50	-1.46	0.00	-84.19	0.00	84.19	4,510.95	1,065.76	4,210	4,050.54	0.07	-0.03	0.03
25.00	-21.44	-1.44	0.00	-76.90	0.00	76.90	4,395.70	1,038.35	3,996	3,844.54	0.10	-0.04	0.03
30.00	-20.40	-1.42	0.00	-69.69	0.00	69.69	4,279.67	1,010.94	3,788	3,643.24	0.15	-0.05	0.02
35.00	-19.39	-1.40	0.00	-62.59	0.00	62.59	4,163.63	983.54	3,586	3,447.36	0.20	-0.05	0.02
40.00	-18.40	-1.37	0.00	-55.60	0.00	55.60	4,047.60	956.13	3,389	3,256.89	0.27	-0.06	0.02
45.00	-17.72	-1.34	0.00	-48.77	0.00	48.77	3,931.57	928.72	3,197	3,071.84	0.33	-0.07	0.02
48.50	-17.27	-1.33	0.00	-44.07	0.00	44.07	3,850.34	909.53	3,066	2,945.52	0.39	-0.07	0.02
50.00	-16.30	-1.29	0.00	-42.08	0.00	42.08	3,815.53	901.31	3,011	2,892.19	0.41	-0.08	0.02
53.25	-16.05	-1.28	0.00	-37.90	0.00	37.90	2,599.91	644.12	2,153	1,978.37	0.46	-0.08	0.03
55.00	-15.32	-1.24	0.00	-35.66	0.00	35.66	2,580.79	637.27	2,107	1,942.75	0.49	-0.08	0.02
60.00	-14.61	-1.20	0.00	-29.46	0.00	29.46	2,525.14	617.69	1,980	1,841.97	0.58	-0.09	0.02
65.00	-13.91	-1.16	0.00	-23.44	0.00	23.44	2,468.00	598.11	1,856	1,742.73	0.68	-0.10	0.02
70.00	-13.37	-1.13	0.00	-17.63	0.00	17.63	2,409.36	578.53	1,737	1,645.13	0.79	-0.10	0.02
74.00	-13.22	-1.12	0.00	-13.12	0.00	13.12	2,361.37	562.87	1,644	1,568.30	0.87	-0.11	0.01
75.00	-13.09	-1.11	0.00	-12.00	0.00	12.00	2,349.22	558.95	1,621	1,549.28	0.89	-0.11	0.01
76.00	-9.61	-0.86	0.00	-10.89	0.00	10.89	2,337.01	555.04	1,599	1,530.33	0.92	-0.11	0.01
77.50	-9.14	-0.82	0.00	-9.61	0.00	9.61	2,318.59	549.17	1,565	1,502.04	0.95	-0.11	0.01
80.00	-8.50	-0.77	0.00	-7.55	0.00	7.55	2,283.36	539.38	1,510	1,452.59	1.01	-0.11	0.01
85.00	-4.24	-0.41	0.00	-3.70	0.00	3.70	2,200.48	519.80	1,402	1,348.55	1.13	-0.11	0.01
86.40	-3.34	-0.33	0.00	-3.13	0.00	3.13	2,177.27	514.32	1,373	1,320.11	1.16	-0.11	0.00
90.00	-2.88	-0.29	0.00	-1.93	0.00	1.93	2,117.60	500.22	1,298	1,248.37	1.24	-0.11	0.00
95.00	-2.39	-0.24	0.00	-0.48	0.00	0.48	2,034.72	480.64	1,199	1,152.06	1.36	-0.11	0.00
97.00	0.00	0.00	0.00	0.00	0.00	0.00	2,001.57	472.81	1,160	1,114.61	1.41	-0.11	0.00
98.00	0.00	0.00	0.00	0.00	0.00	0.00	1,984.99	468.90	1,141	1,096.12	1.44	-0.11	0.00

ANALYSIS SUMMARY

Load Case	Base Reactions Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Max Usage Elev (ft)	Interaction Ratio
1.2D + 1.0W	26.31	0.00	39.37	0.00	0.00	1888.32	0.00	0.4
0.9D + 1.0W	26.29	0.00	29.52	0.00	0.00	1878.86	0.00	0.4
1.2D + 1.0Di + 1.0Wi	6.49	0.00	51.58	0.00	0.00	452.70	0.00	0.1
1.2D + 1.0Ev + 1.0Eh	1.48	0.00	39.13	0.00	0.00	114.43	0.00	0.03
0.9D - 1.0Ev + 1.0Eh	1.48	0.00	26.95	0.00	0.00	113.72	0.00	0.03
1.0D + 1.0W	5.60	0.00	32.84	0.00	0.00	400.75	0.00	0.09

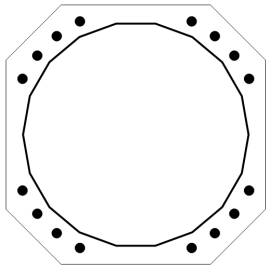
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
1888.32	39.37	26.31

PLATE PARAMETERS (ID# 24249)

Width:	56.5	in
Shape:	Square	
Thickness:	3	in
Grade:	A572-50	
Yield Strength:	50	ksi
Tensile Strength:	65	ksi
Clip Length:	12	in
Rod Detail Type:	d	
Clear Distance	4	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	321	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#24881]	Cluster	16	2.25	55	A615-75	75	100	6	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	48.67"ø x 0.4375" (18 Sides)	65.9570	-	-	19184.29	-
Bolt Group	Original (16) 2.25"ø	3.9761	3.2477	0.8393	17831.17	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	48.67"ø x 0.4375" (18 Sides)	1888.3	39.37	26.31	1.000
Bolt Group	Original (16) 2.25"ø	1888.3	-	26.31	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	48.80	in	Flat Width:	8.604	in
Point-to-Point Diameter:	49.55	in	Flat Radians:	0.349	rad
Orientation Offset:	-	°			

PLATE PROPERTIES

Neutral Axis:	321	°

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment M_u (k-in)	Moment Capacity ΦM_n (k-in)	Flexure Result $M_u/\Phi M_n$
Flats	31.108	0.00	69.993	450.3	3149.7	14.3%
Corners	30.355	0.00	68.299	327.4	3073.5	10.7%

PLASTIC ANCHOR ROD ANALYSIS

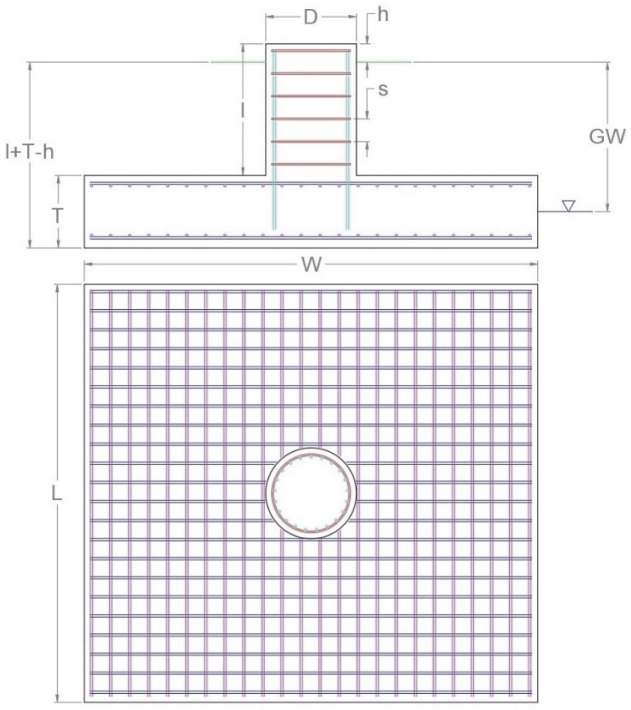
Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Interaction Result
Original	16	2.25	96.7	2.8	243.6	42.0%

APPLIED GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
1,888.32	39.37	26.31

FOUNDATION PARAMETERS

Mat Length:	L	22	ft
Mat Width:	W	22	ft
Mat Thickness:	T	2	ft
Base Depth:	L+T-h	7	ft
Pier Shape:		Square	
Pier Width:	D	7	ft
Pier Height above Grade:	h	1	ft
Concrete Compressive Strength:		4,000	psi
Mat Top Rebar:		(34) #9 bars [60 ksi]	
Mat Bottom Rebar:		(34) #9 bars [60 ksi]	
Pier Vertical Rebar:		(36) #8 bars [60 ksi]	
Pier Rebar Ties:	s	#4 bars @ 12.0" c/c [60 ksi]	
Rebar Clear Cover:		3.0	in
Tower Eccentricity:	ecc	3	ft
Tower Leg Count		1	



SOIL PARAMETERS

Water Table Depth [BGL]:	GW	8	ft
Soil Unit Weight:		130	pcf
Ultimate Skin Friction:		850	psf
Ultimate Bearing Pressure:		15,900	psf
Bearing Pressure Type:		Gross	
Coefficient of Shear Friction:		0.3	

SOIL STRENGTH ANALYSIS

Soil Strength Reduction Factor, Φ_s	Uplift Strength Reduction Factor, Φ_s	Asset Dead Load Factor	Dead Load Factor
0.75	0.75	0.9	1.2

SOIL OVERTURNING ANALYSIS

Design Moment, $M_{u,Design}$ (k-ft)	Nominal Overturning Capacity, $\Phi_m M_n$ (k-ft)	Soil Overturning Usage, $M_{u,Design} / \Phi_m M_n$	
2,098.80	5,253.85	**39.9%**	✓

SOIL BEARING ANALYSIS

Net Bearing Pressure, $P_{u,Net}$ (psf)	Nominal Bearing Capacity, $\Phi_b P_n$ (k-ft)	Bearing Pressure Controlling Load Direction	Soil Bearing Usage, $P_{u,net} / \Phi_b P_n$	
1,652.00	11,925.00	Diagonal to Pad Edge	**13.9%**	✓

SOIL SLIDING SHEAR ANALYSIS

Applied Shear Force, V_u (k)	Friction Resistance (k)	Passive Pressure (psf)	Passive Pressure Resistance (k)	Nominal Shear Capacity, $\Phi_s V_n$ (k)	Soil Sliding Shear Usage, $V_u / \Phi_s V_n$	
26.31	149.60	780.0	34.32	139.33	**19.0%**	✓

MAT REINFORCING STEEL STRENGTH ANALYSIS

Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
29,000	0.9	0.75	0.65

MAT REINFORCING ONE WAY SHEAR ANALYSIS

One Way Design Shear, V_u (k)	Nominal One Way Shear Capacity, $\Phi_c V_n$ (k)	One Way Shear Controlling Load Direction	Mat One Way Shear Usage, $V_u / \Phi_c V_n$	
120.63	497.77	Parallel to Pad Edge	**24.2%**	✓

MAT REINFORCING PUNCHING SHEAR ANALYSIS

Punching Shear Design Stress, v_u (psi)	Nominal Punching Shear Capacity, $\Phi_c v_n$ (psi)	Mat Punching Shear Usage, $v_u / \Phi_c v_n$	
44.1	189.7	**23.2%**	✓

MAT REINFORCING MOMENT TRANSFER ANALYSIS

Moment Transfer Effective Flexural Width, w_f (in)	Neutral Axis Depth (in)	Pier Moment at Joint, M_{ut} (k-in)	Nominal Moment Transfer Capacity, $\Phi M_{sc,f}$ (k-in)	Mat Moment Transfer Usage, $0.6\ M_{ut} / \Phi M_{sc,f}$	
13.00	2.38	0.00	21,390.5	**0.0%**	✓

MAT REINFORCING FLEXURE ANALYSIS – UPPER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Upper Rebar Flexure Usage, $M_u / \Phi M_n$	
1,067.30	2,893.09	Parallel to Pad Edge	**36.9%**	✓

MAT REINFORCING FLEXURE ANALYSIS – LOWER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Lower Rebar Flexure Usage, $M_u / \Phi M_n$	
1,576.60	2,893.09	Parallel to Pad Edge	**54.5%**	✓

PIER REINFORCING STEEL STRENGTH ANALYSIS

Rebar Cage Diameter (in)	Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
76.00	29,000	0.9	0.75	0.65

PIER REINFORCING MOMENT ANALYSIS

Design Moment, M_u (k-ft)	Nominal Moment Capacity, $\Phi_b M_n$ (k-ft)	Bending Reinforcement Ratio	Pier Rebar Flexure Usage, $M_u/\Phi_b M_n$	
2,046.18	4,756.50	0.004	**43.0%**	✓

PIER REINFORCING COMPRESSION ANALYSIS

Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$	
39.37	12,449.37	**0.3%**	✓

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$	
26.31	772.06	**3.4%**	✓

EXHIBIT 4

Colliers Engineering & Design, Architecture, Landscape Architecture, Surveying, CT P.C.
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10210298
Colliers Engineering & Design Project #: 21777875 (Rev. 1)

October 10, 2023

Site Information	*Site ID:*	*5000392629-VZW / MADISON 5 CT - FTP Orchard Park*
	Site Name:	*MADISON 5 CT - FTP Orchard Park*
	Carrier Name:	*Verizon Wireless*
	Address:	*15 Orchard Park Rd* *Madison, Connecticut 06443* *New Haven County*
	Latitude:	*41.28308333°*
	Longitude:	*-72.62308333°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*12.58-Ft Platform*

FUZE ID # 16067465

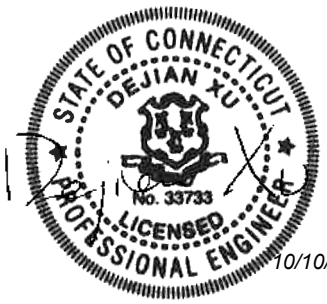
Analysis Results

Platform: **60.8% Pass w/ Modifications***

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

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

Report Prepared By: Grant Walters



10/10/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 2751085, dated August 28, 2023*
Mount Mapping Report	*Hudson Design Group, LLC, Site ID: 467699, dated October 6, 2021*
Previous Mount Analysis	*Colliers Engineering & Design Project #: 21777875 (Rev 1), Dated September 12, 2023*
Mount Modification Drawings	*Colliers Engineering & Design Project #: 21777875 (Rev 1), Dated October 10, 2023*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.999
Seismic Parameters:	S_S:	0.206 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
73.75	77.50	3	Samsung	MT6413-77A	Added
	76.00	6	JMA	MX06FRO660-03	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4461d-13A	
		1	Raycap	RVZDC-6627-PF-48	
	74.00	3	Samsung	XXDWMM-12.5-65	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design 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 Colliers Engineering & Design to verify deviation will not adversely impact the analysis.

2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.

7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - Bolts — ASTM A325

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Colliers Engineering & Design.

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	8.6 %	Pass
Platform Crossmember	60.8 %	Pass
Crossmember Plate	5.8 %	Pass
Grating Support	29.2 %	Pass
Support Rail Corner Angle	16.8 %	Pass
Corner Angle	52.0 %	Pass
Face Horizontal	20.6 %	Pass
Support Rail	23.6 %	Pass
Mount Pipe	29.3 %	Pass
Dual Antenna Mount Pipe	24.0 %	Pass
OVP Pipe	5.9 %	Pass
Mod Kicker	7.2 %	Pass
Mount Connection	4.9 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**60.8%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	28.8	28.8	42.3	42.3
0.5	38.5	38.5	57.4	57.4
1	46.8	46.8	71.1	71.1

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com
For additional questions and support, please reach out to pmisupport@colliersengineering.com

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MDG #: 5000392629 SMART Project #: 10210298 Fuze Project ID: 16067465

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

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

Base Requirements:

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

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation of the modifications.
  - Photos of the mount after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed

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

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

Material Certification:

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

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

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

OR

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

Antenna & Equipment Placement and Geometry Confirmation:

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

OR

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

Comments:

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

☐ Yes ☐ No

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

Issue:

Contractor shall install the proposed OVP on the existing OVP pipe on the beta/gamma sector standoff. Install the OVP 12" down form the top of the pipe. Contractor shall inspect climbing facilities and safety climb and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinga or Zinc Kote). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is required.

Response:

Special Instruction Confirmation:

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Comments:

Certifying Individual:

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

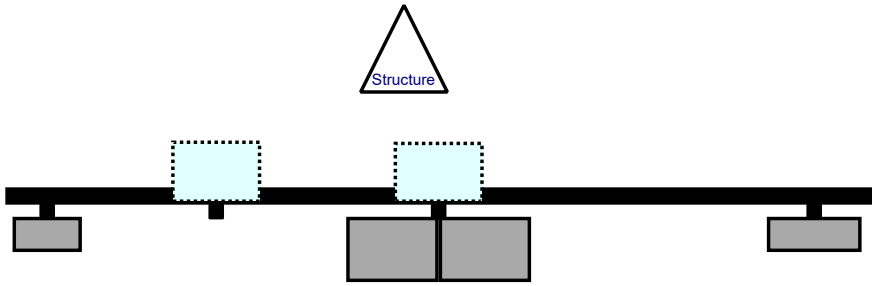
Structure: 5000392629-VZW - MADISON 5 CT

Sector: **A** 9/27/2023

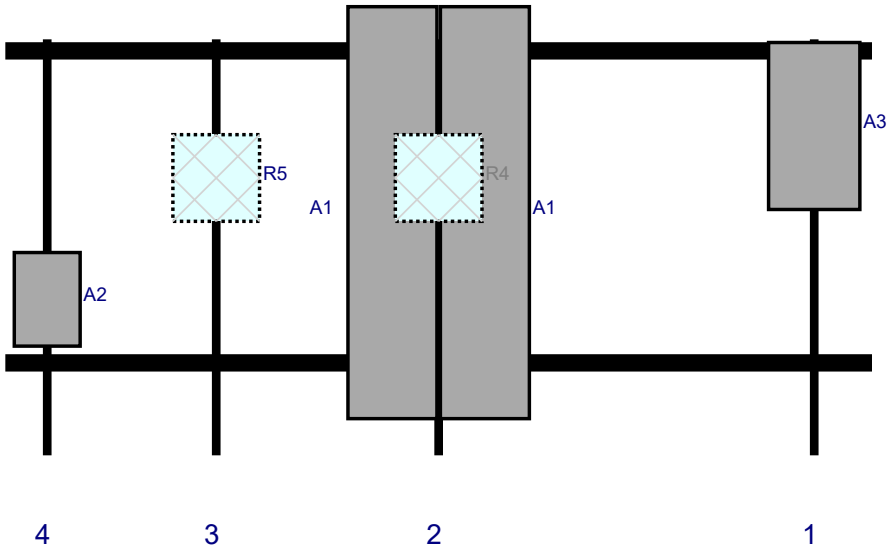
Structure Type: Monopole 10210298

Mount Elev: 73.75 Page: 1

Plan View

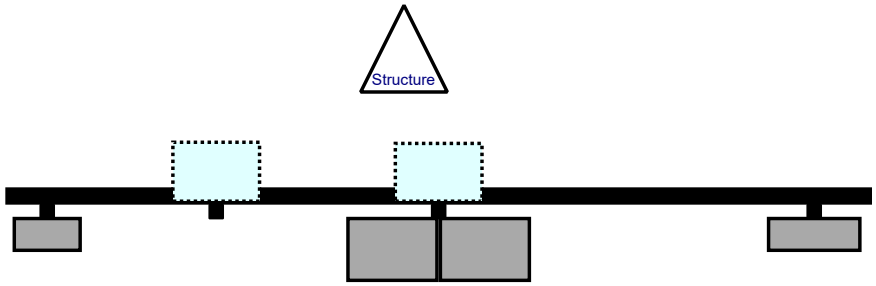


Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	MT6413-77A	28.9	15.8	140	1	a	Front	15	0	Added	
A1	MX06FRO660-03	71.3	15.4	75	2	a	Front	30	-8	Added	
A1	MX06FRO660-03	71.3	15.4	75	2	b	Front	30	8	Added	
R4	RF4439d-25A	15	15	75	2	a	Behind	24	0	Added	
R5	RF4461d-13A	15	15	36.5	3	a	Behind	24	0	Added	
A2	XXDWMM-12.5-65	16.2	11.4	7.25	4	a	Front	45	0	Added	
OVP1	RVZDC-6627-PF-48	29.5	16.5		Member					Added	

Plan View



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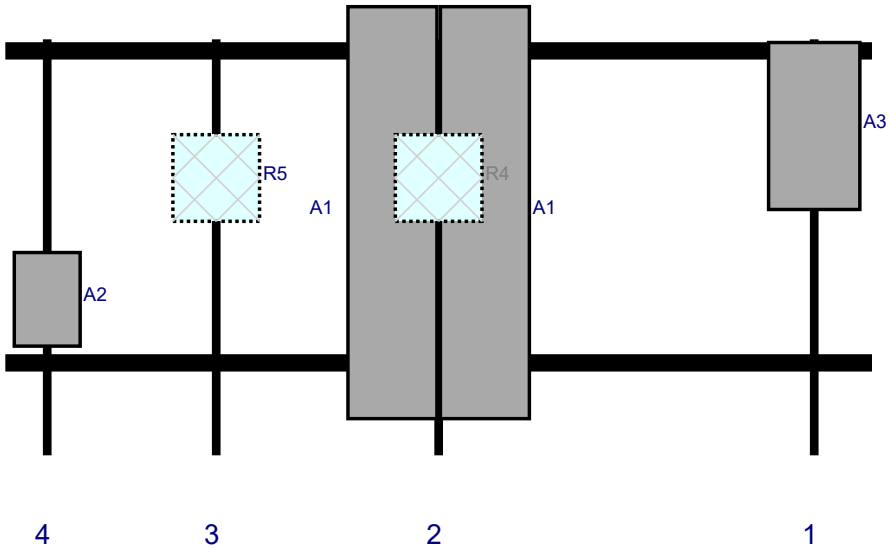

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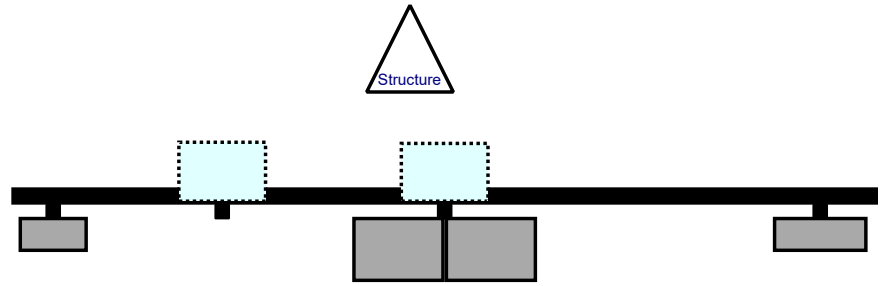
Plan View



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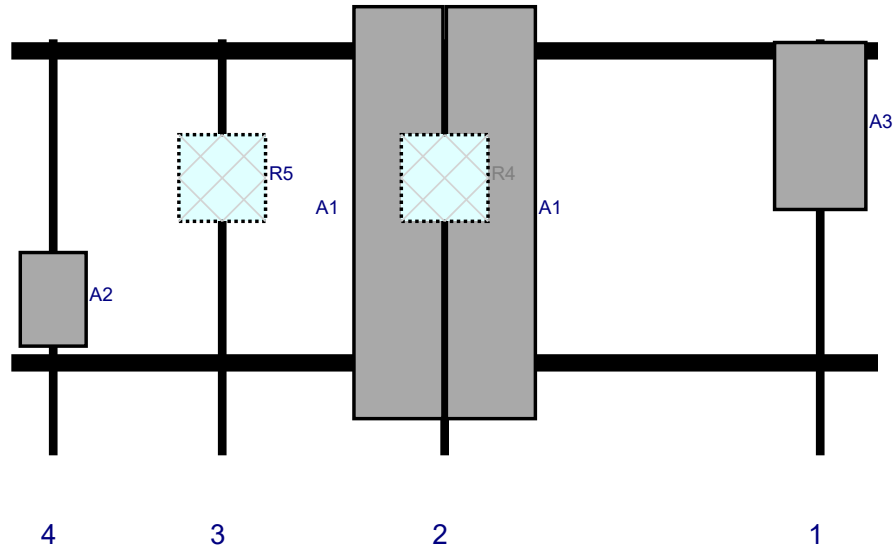

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R4	RF4439d-25A	15	15	75	2	a	Behind	24	0	Added	
R5	RF4461d-13A	15	15	36.5	3	a	Behind	24	0	Added	
A2	XXDWMM-12.5-65	16.2	11.4	7.25	4	a	Front	45	0	Added	

MOUNT MODIFICATION DRAWINGS
EXISTING 12.58' PLATFORM

TOWER OWNER: AMERICAN TOWER CO.
TOWER OWNER SITE NUMBER: 283421

CARRIER SITE NAME: MADISON 5 CT-FTP ORCHARD PARK
CARRIER SITE NUMBER: 5000392629
FUZE ID: 16067465

15 ORCHARD PARK RD
MADISON, CT 06443
NEW HAVEN COUNTY

LATITUDE: 41.28308333° N
LONGITUDE: 72.62308333° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 125 MPH
EXPOSURE CATEGORY B
TOPOGRAPHIC CATEGORY 1
MEAN BASE ELEVATION (AMSL) = 18.26'

ICE LOADS

ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
ICE THICKNESS = 1.00 IN

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_S = .206
LONG TERM MCER GROUND MOTION, S_1 = .054

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS

PROJECT MANAGER

COMPANY: COLLIERS ENGINEERING & DESIGN
CONTACT: PETER ALBANO
PHONE: 856.797.0412
E-MAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10210298
VZW LOCATION CODE (MDG): 5000392629
ANALYSIS DATE: 10/10/2023

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

Colliers Engineering & Design

www.colliersengineering.com

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FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE: AS SHOWN
JOB NUMBER: 21777875

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
1	10/02/23	ISSUED FOR CONSTRUCTION	GHW	DX
0	03/23/22	ISSUED FOR CONSTRUCTION	AH	DH

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

SITE NAME:
MADISON 5 CT-FTP Orchard Park
5000392629

15 ORCHARD PARK RD
MADISON, CT 06443
NEW HAVEN COUNTY

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

SHEET TITLE: TITLE SHEET

SHEET NUMBER: ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BILL OF MATERIALS

SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
12	VZWSMART	VZWSMART-MSK1	CROSSOVER PLATE		14	168
1		VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	291	291
1		VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY		150	150
3		VZWSMART-P40-278X072	72" LONG, PIPE 2 1/2 STD (2.875"OD X 0.203" THK)		35	105

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
3	SITE PRO 1	SP219-H	CROSSOVER PLATE	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION.	13	39
-	-	-	1/2" DIA. U-BOLTS	GALVANIZED.		
					TOTAL:	753

NOTES:

1. THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE AWARE OF WHICH KITS HAVE BEEN THROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO SELL. PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMART TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.
2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

VZWSMART KITS - APPROVED VENDORS

COMMSCOPE

CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM

METROSITE FABRICATORS, LLC

CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM

PERFECTVISION

CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM

SABRE INDUSTRIES, INC.

CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM

SITE PRO 1

CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM

VZWSMART KITS - APPROVED VENDORS

NEWAVE

CONTACT	NEWAVE SALES TEAM
PHONE	(971) 239-4762
EMAIL	SALES@NEWAVETC.COM
WEBSITE	WWW.NEWAVETC.COM

BETTER METAL, LLC

CONTACT	DAVID STANSBERRY
PHONE	(615) 535-0990 (O), (615) 631-2520 (M)
EMAIL	DLS@BETTERMETAL.COM
WEBSITE	WWW.BETTERMETAL.COM

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

SHEET TITLE: BILL OF MATERIALS

SHEET NUMBER: SBOM-1

PROJECT NOTES

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

GENERAL NOTES

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSI/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
11. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

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

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

3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
   a. SUBMIT SHOP DRAWINGS TO
      PETER.ALBANO@COLLIERSENGINEERING.COM
   b. PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
8. CONTRACTOR SHALL PROTECT CUT ENDS OF ALL FIELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
9. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
10. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
11. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
12. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
13. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

WELDING NOTES

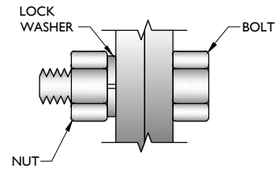
1. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, PRE, DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D1.1.
2. CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING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

BOLT SCHEDULE (IN.)

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

WORKABLE GAGES (IN.)

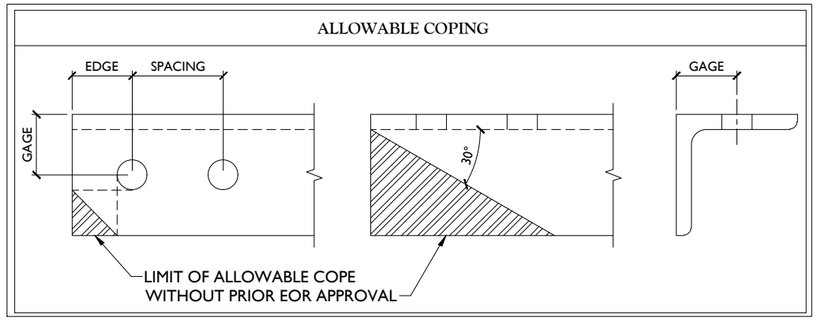
LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



TYP. BOLT ASSEMBLY

NOTES:

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



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SCALE: AS SHOWN | JOB NUMBER: 21777875

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
1	10/02/23	ISSUED FOR CONSTRUCTION	GHW	DX
0	03/23/22	ISSUED FOR CONSTRUCTION	AH	DH

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SITE NAME:
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5000392629

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1055 Washington Boulevard
Stamford, CT 06901
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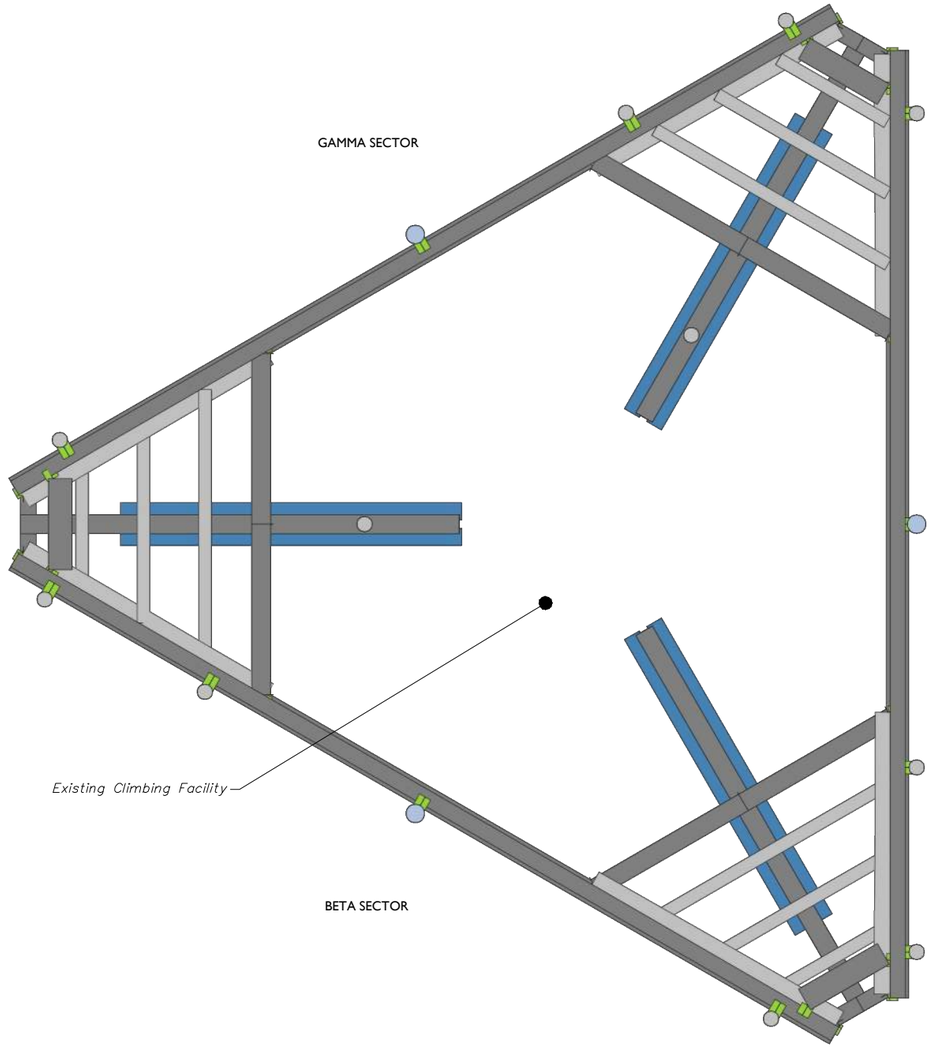
SHEET TITLE: MODIFICATION NOTES

SHEET NUMBER: SGN-1



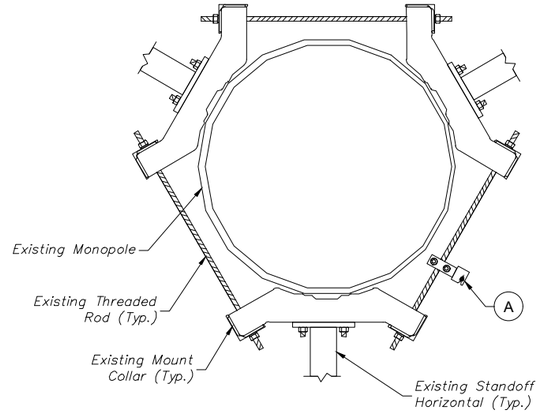
1 CLIMBING FACILITY LOCATION

SCALE : N.T.S.

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY HUDSON DESIGN GROUP, LLC ON 10/6/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (73'-9") ARE IN GOOD CONDITION. COLLIERS ENGINEERING & DESIGN DOES NOT WARRANT THIS INFORMATION.

2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

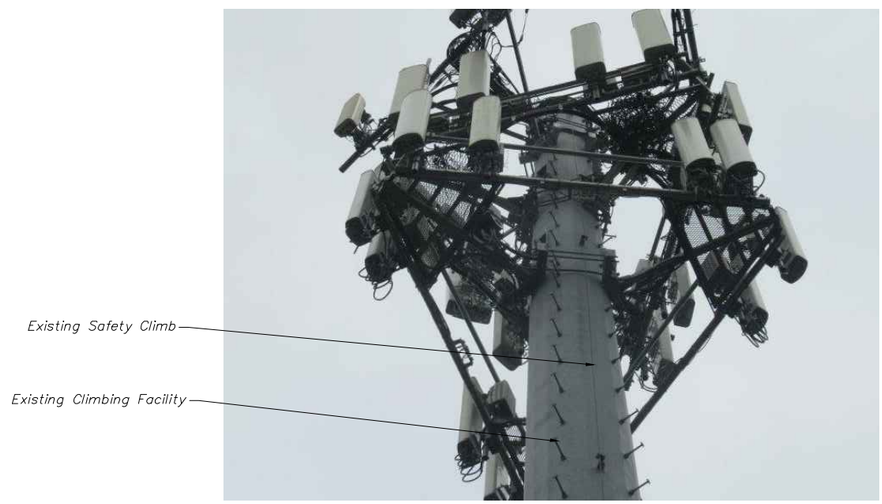


ITEM #	QTY	PART NUMBER	DESCRIPTIONS
A	1	PV-SCRB-RM-U	WIRE ROPE GUIDE (PERFECT VISION OR EQUIV)

2 PROPOSED WIRE ROPE GUIDE ATTACHMENT - PLAN VIEW

SCALE : N.T.S.

NOTE: CONTRACTOR SHALL ENSURE THAT WIRE ROPE GUIDE DOES NOT PUSH THE WIRE ROPE OUTSIDE OF THE VERTICAL PLANE OF THE SAFETY CLIMB. CONTRACT EOR WITH PHOTOS OF SAFETY CLIMB AND COLLAR FOR FURTHER DIRECTION IF NEEDED.



CLIMBING FACILITY PHOTO

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SHEET TITLE : CLIMBING FACILITY DETAIL

SHEET NUMBER : SCF-1

LEGEND:

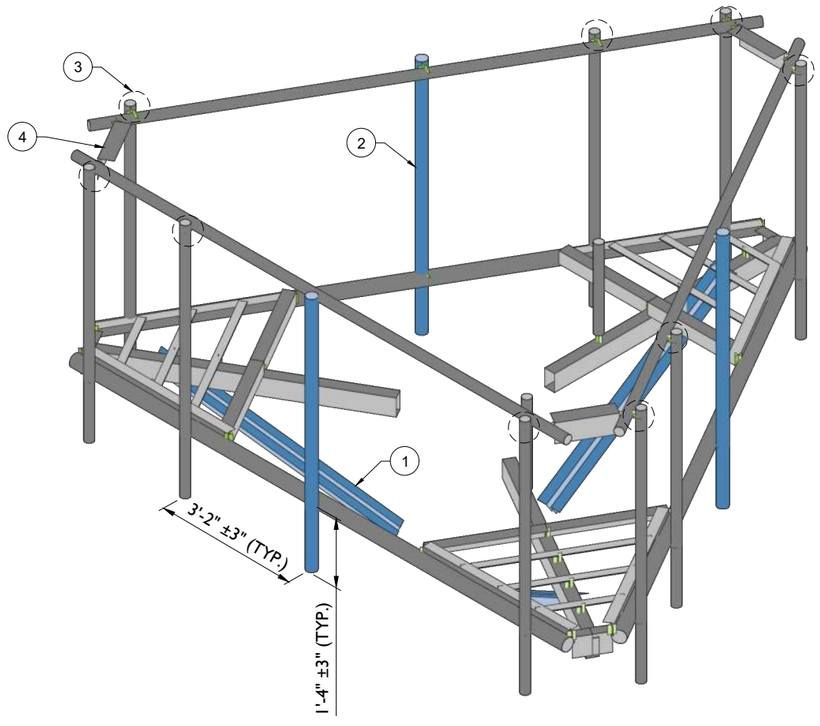
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

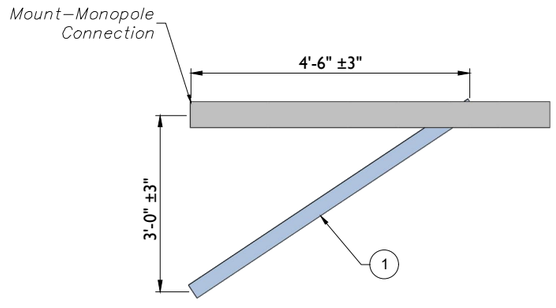
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	73'-9"	1	PROPOSED KICKER KIT (PART #: VZWSMART-PLK5))	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. CONNECT OTHER END OF KICKER KIT TO MONOPOLE COLLAR MOUNT ASSEMBLY (PART #: VZWSMART-PLK7).
2		3	PROPOSED 72" LONG, P2 1/2 STD (PART #: VZWSMART-P40-278X072)	CONNECT NEW MOUNT PIPE TO EXISTING TOP HORIZONTAL WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1). CONNECT TO EXISTING BOTTOM HORIZONTAL WITH CROSSOVER PLATES (SITE PRO 1 - SP219-H).
3		9	CROSSOVER PLATE	CONTRACTOR SHALL REPLACE ALL EXISTING TOP MOUNT PIPE TO SUPPORT RAIL CONNECTIONS WITH NEW CROSSOVER PLATES (VZWSMART-MSK1). CONTRACTOR SHALL ADJUST SUPPORT RAIL AND CORNER ANGLES AS NEEDED TO BE AGAINST MOUNT PIPES AND MAINTAIN VERTICAL ANTENNA PIPE ORIENTATION.
4		6	1/2" DIA. U-BOLTS	CONTRACTOR SHALL INSTALL ADDITIONAL U-BOLTS TO THE SUPPORT RAIL CORNER ANGLES SUCH THAT THERE ARE 2 U-BOLTS PER CONNECTION (4 PER CORNER ANGLE).

NOTES.

MOUNT MEMBERS NOT SHOW FOR CLARITY U.N.O.
CONTRACTOR SHALL INSTALL THE PROPOSED OVP ON THE EXISTING OVP PIPE ON THE BETA/GAMMA SECTOR STANDOFF. INSTALL THE OVP 12" DOWN FROM THE TOP OF THE PIPE.
THREADED ROD FROM PROPOSED KITS SHALL BE TRIMMED TO EXTEND NO MORE THAN 3" BEYOND THE LOCK NUT. TREAT ALL CUT ENDS WITH (2) COATS OF COLD GALVANIZATION (ZINC KOTE, OR EOR APPROVED EQUAL).



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



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

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AS SHOWN	21777875

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SHEET TITLE :
MODIFICATION DETAILS

SHEET NUMBER :
SS-1

MOUNT PHOTO 1

MOUNT PHOTO 2

MOUNT PHOTO 3

MOUNT PHOTO 4

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SCALE : AS SHOWN

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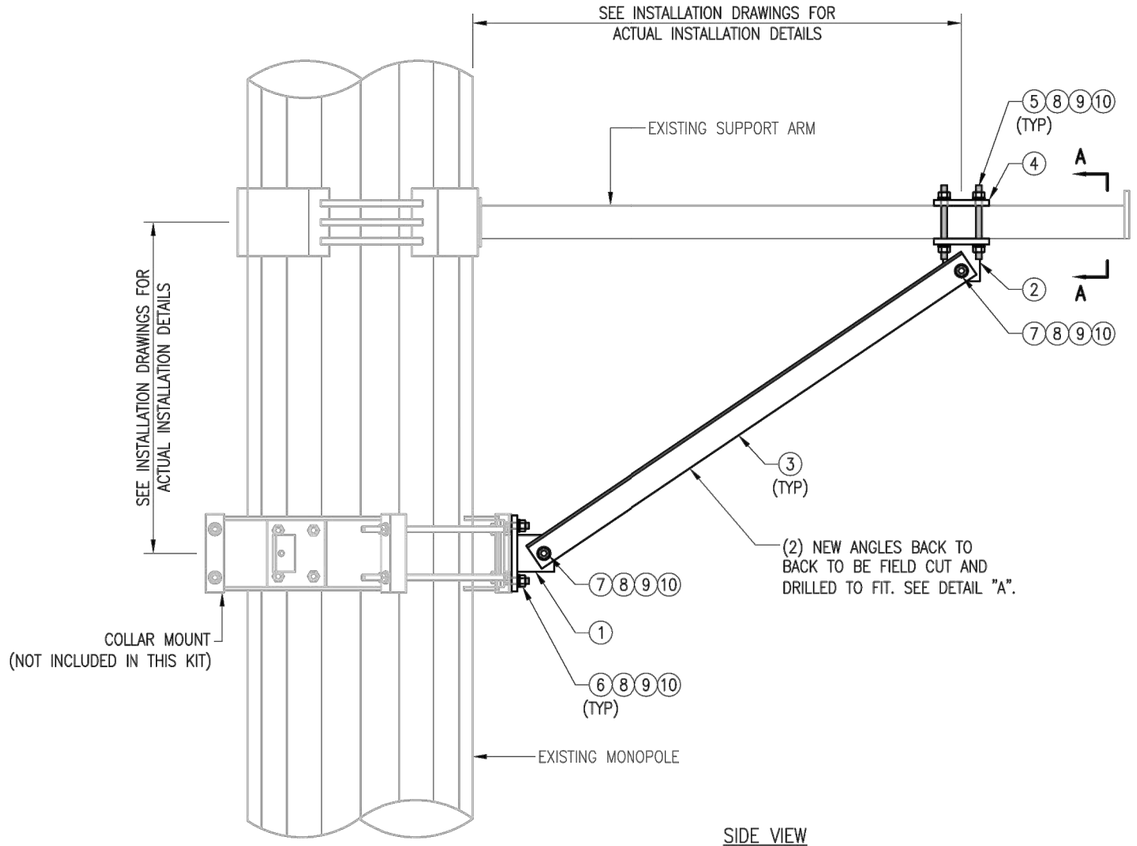
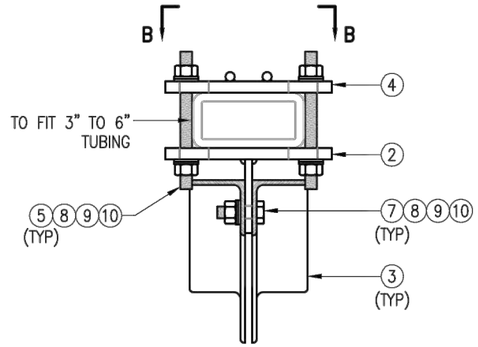
SHEET TITLE : MOUNT PHOTOS

SHEET NUMBER : SS-2

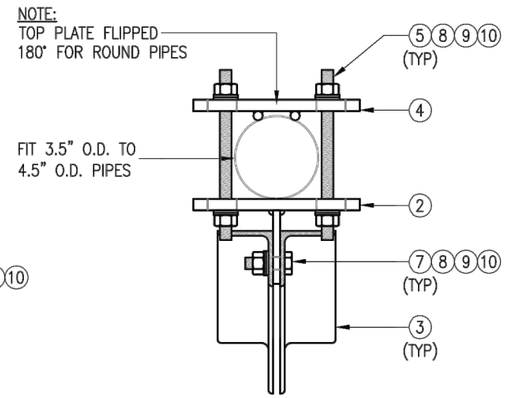
NOTE:
THE LOCATION OF KICKER AND EXISTING ANTENNA MOUNT SHOWN ON THE DRAWING IS FOR REPRESENTATION PURPOSE ONLY. SEE INSTALLATION DRAWINGS FOR ACTUAL INSTALLATION OF DETAILS.



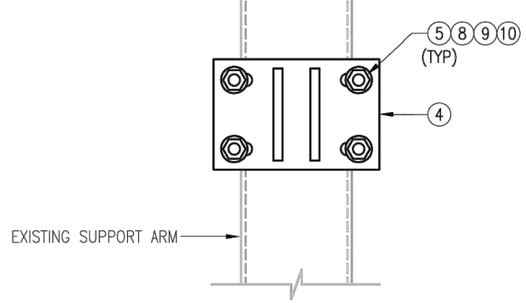
SIDE VIEW
KICKER KIT



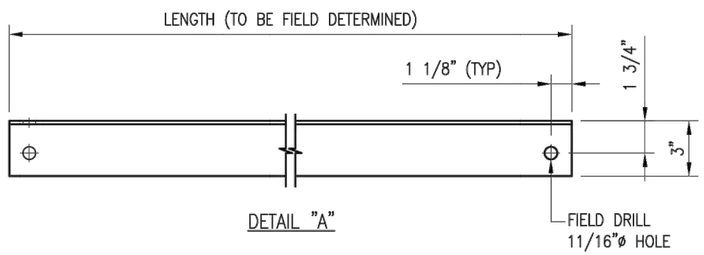
SECTION "A–A"
RECT. HSS MOUNTING



SECTION "A–A"
ROUND PIPE MOUNTING



SECTION "B–B"



DETAIL "A"

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

VZWSMART–PLK5 (KICKER KIT)

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

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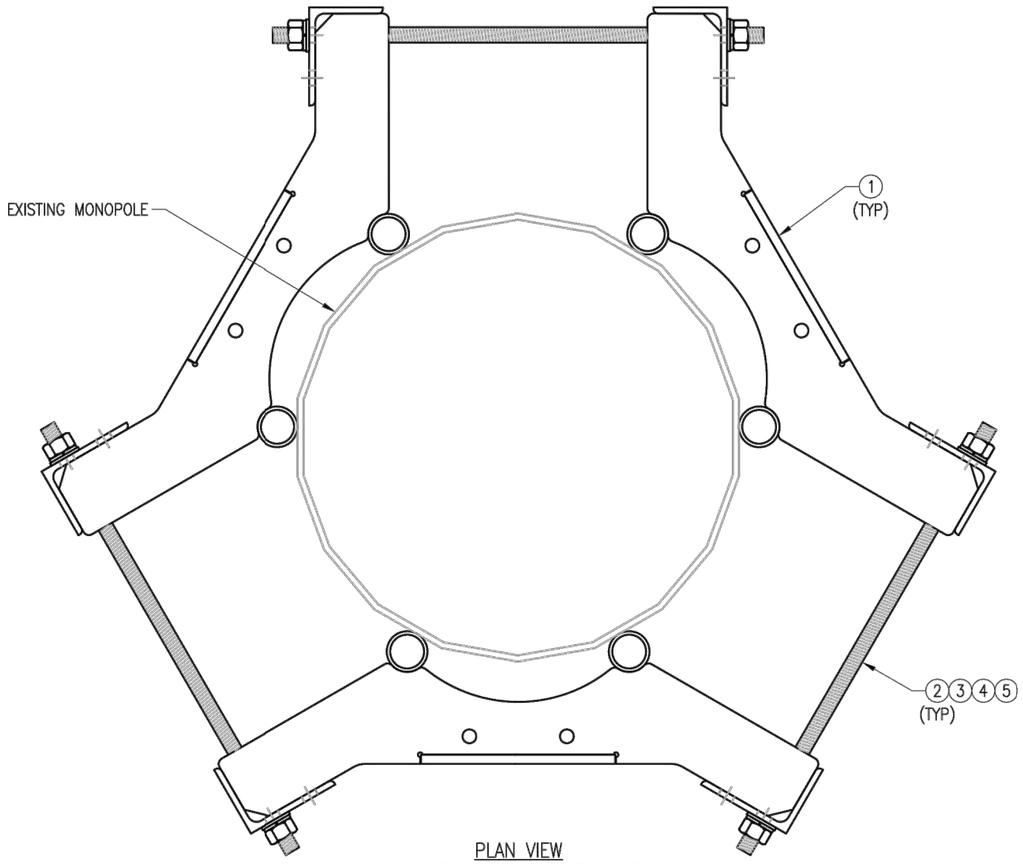
DRAWN BY: MN | CHECKED BY: HMA/KW

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

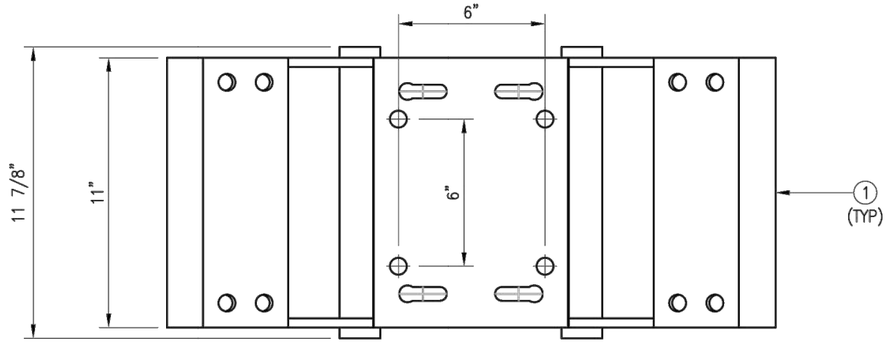
SHEET TITLE:
VZWSMART–PLK5
KICKER KIT

SHEET NUMBER: VZWSMART–PLK5

REV #: 0



PLAN VIEW
MONOPOLE COLLAR MOUNT ASSEMBLY



FRONT VIEW

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

VZWSMART-PLK7 (MONOPOLE COLLAR MOUNT ASSEMBLY)

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

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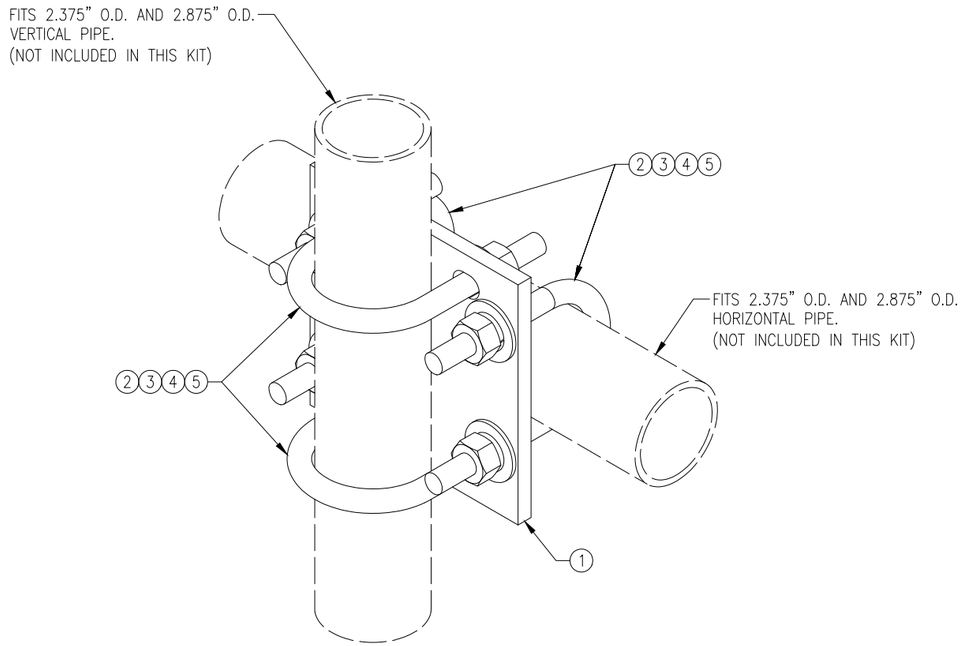
DRAWN BY: BT | CHECKED BY: HMA/KW

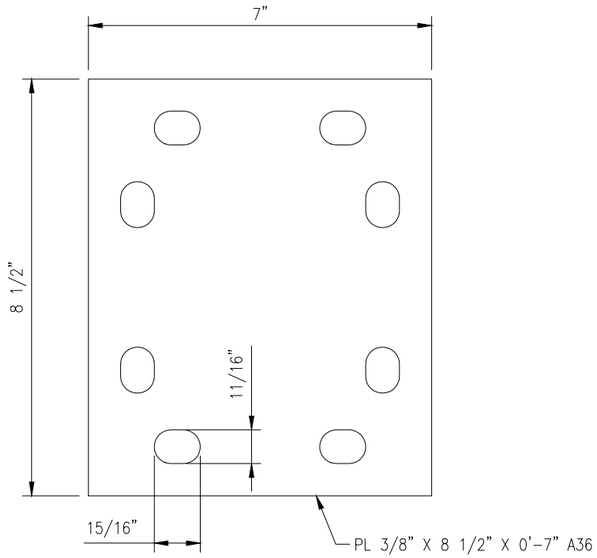
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	BT	05/11/20

SHEET TITLE:
VZWSMART-PLK7
MONOPOLE COLLAR
MOUNT ASSEMBLY

SHEET NUMBER: VZWSMART-PLK7

REV #: 0





PL375-857

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

VZWSMART-MSK1 (CROSSOVER PLATE)

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

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DRAWN BY: H.R | CHECKED BY: HMA

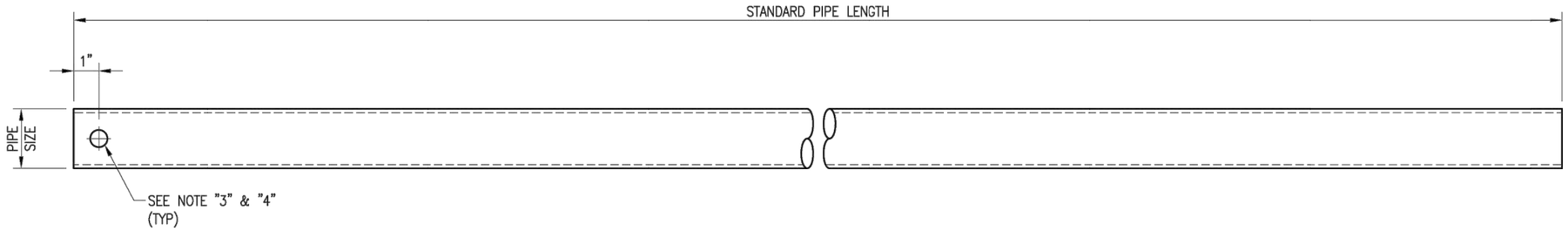
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

SHEET TITLE:

VZWSMART-MSK1
CROSSOVER PLATE

SHEET NUMBER: VZWSMART-MSK1

REV #: 0



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

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

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

VzW SMART Tool© Vendor

verizon

DRAWN BY: BT | CHECKED BY: HMA/KW

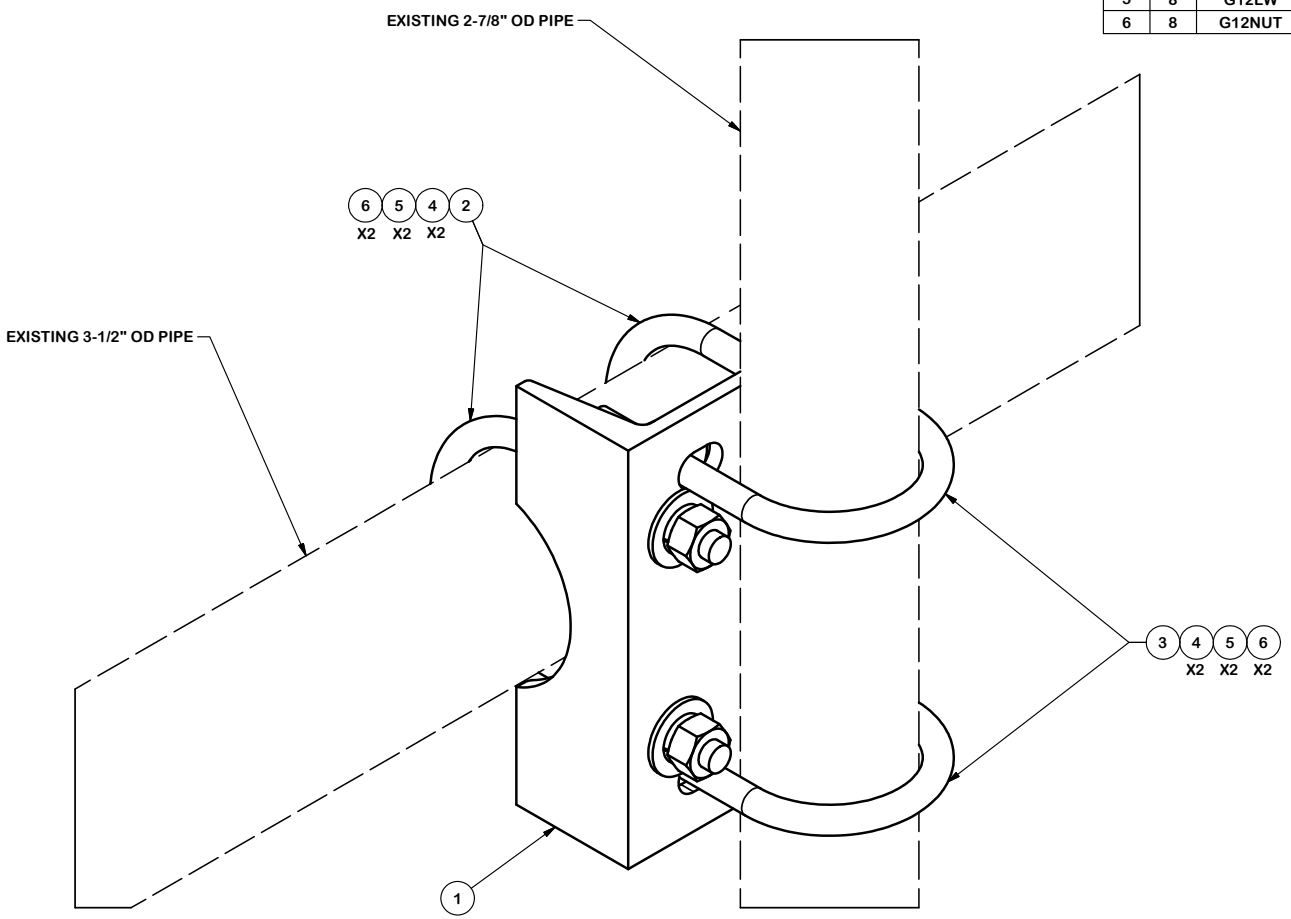
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	BT	08/04/21

SHEET TITLE:
VZWSMART STANDARD PIPE

SHEET NUMBER: VZWSMART–PIPE

REV #: 0

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	X-SP219	SMALL SUPPORT CROSS PLATE	8 1/4 in	8.61	8.61
2	2	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.66	1.31
3	2	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.66	1.31
4	8	G12FW	1/2" HDG USS FLATWASHER		0.03	0.27
5	8	G12LW	1/2" HDG LOCKWASHER		0.01	0.11
6	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	12.61



TOLERANCE NOTES

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

REVISION HISTORY				
REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REDRAWN IN INV, UPDATED VIEWS & TABLE		KC8	8-21-2012

DESCRIPTION: 2-7/8" TO 3-1/2" PIPE MOUNT ASSEMBLY

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

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

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
4518	BMC 6/3/2009		SP219-H	1 OF 1

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	CEK 2/18/2013	SP219-H

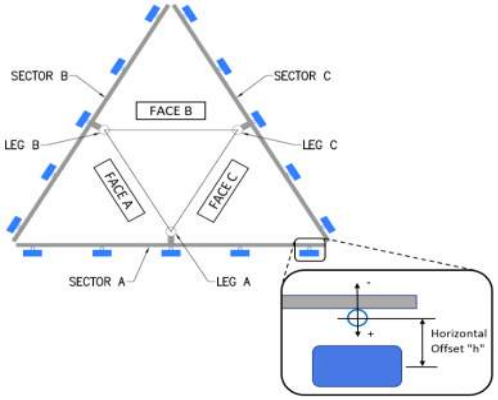
V4.0 Updated on 3-31-2021

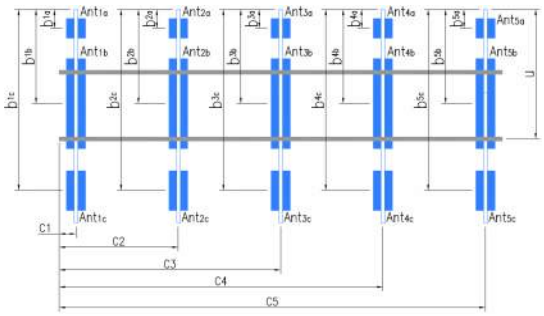
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
1278610

Tower Owner:	ATC	**Mapping Date:**	10/6/2021
Site Name:	MADISON 5 CT	**Tower Type:**	Monopole
Site Number or ID:	467699	**Tower Height (Ft.):**	120
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	72.42

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





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 72" LONG	56.00	10.00	C1	2" STD. PIPE X 72" LONG	56.00	10.00
A2	2" STD. PIPE X 72" LONG	56.00	26.00	C2	2" STD. PIPE X 72" LONG	56.00	26.00
A3	2" STD. PIPE X 72" LONG	56.00	113.50	C3	2" STD. PIPE X 72" LONG	56.00	113.50
A4	2" STD. PIPE X 72" LONG	56.00	142.75	C4	2" STD. PIPE X 72" LONG	56.00	142.75
A5				C5			
A6				C6			
B1	2" STD. PIPE X 72" LONG	56.00	10.00	D1			
B2	2" STD. PIPE X 72" LONG	56.00	26.00	D2			
B3	2" STD. PIPE X 72" LONG	56.00	113.50	D3			
B4	2" STD. PIPE X 72" LONG	56.00	142.75	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	27.50
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	9.33
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	
Please enter additional infomation or comments below.	

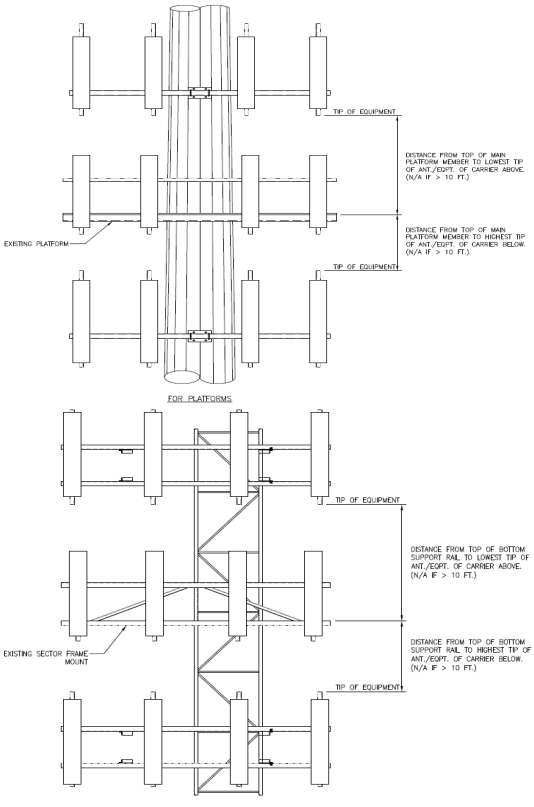
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	31.5
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.375

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	B13 RRH 4X30	12.00	7.50	20.50		73.1283	20.00	-7.00		86,93
Ant_{1b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	345.00	13,86,92
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		72.795	24.00	-7.00		86,95
Ant_{2b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	345.00	13,86,94
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.50	20.50		73.1283	20.00	-7.00		87,97
Ant_{3b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	345.00	14,87,96
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	345.00	14,87,98
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

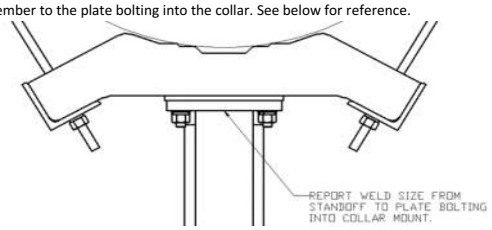
Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	345.00	Deg	Leg A:		Deg
Sector B:	105.00	Deg	Leg B:		Deg
Sector C:	225.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	70.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.

Please insert a photo of the mount centerline measurement here.



For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Sector B										
Ant_{1a}	B13 RRH 4X30	12.00	7.50	20.50		73.1283	20.00	-7.00		88,93
Ant_{1b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	140.00	18,88,92
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		72.795	24.00	-7.00		88,95
Ant_{2b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	140.00	18,88,94
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.50	20.50		73.1283	20.00	-7.00		89,97
Ant_{3b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	140.00	18,89,96
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	140.00	18,89,98
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	B13 RRH 4X30	12.00	7.50	20.50		73.1283	20.00	-7.00		90,93
Ant_{1b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	225.00	23,90,92
Ant_{1c}										
Ant_{2a}	B66a RRH 4X45	12.00	7.00	25.50		72.795	24.00	-7.00		90,95
Ant_{2b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	225.00	23,90,94
Ant_{2c}										
Ant_{3a}	B25 RRH 4X30	12.00	7.50	20.50		73.1283	20.00	-7.00		91,97
Ant_{3b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	225.00	24,91,96
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	SBNHH-1D65B	12.00	7.50	73.00		72.8783	23.00	9.50	225.00	24,91,98
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	SITE AUDITOR CLAIMS THAT MOUNT IS UNSTABLE AND REQUIRES REINFORCEMENT	63
2		
3		
4		
5		
6		
7		
8		

Observed Obstructions to Tower Lighting System					
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.					Photo #
Description of Obstruction:					
Type of Light:		Photo #		Additional Comments:	
Lighting Technology:		Photo #			
Elevation (AGL) at base of light (Ft.):		Photo #			
Is a service loop available?		Photo #			
Is beacon installed on an extension?		Photo #			

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

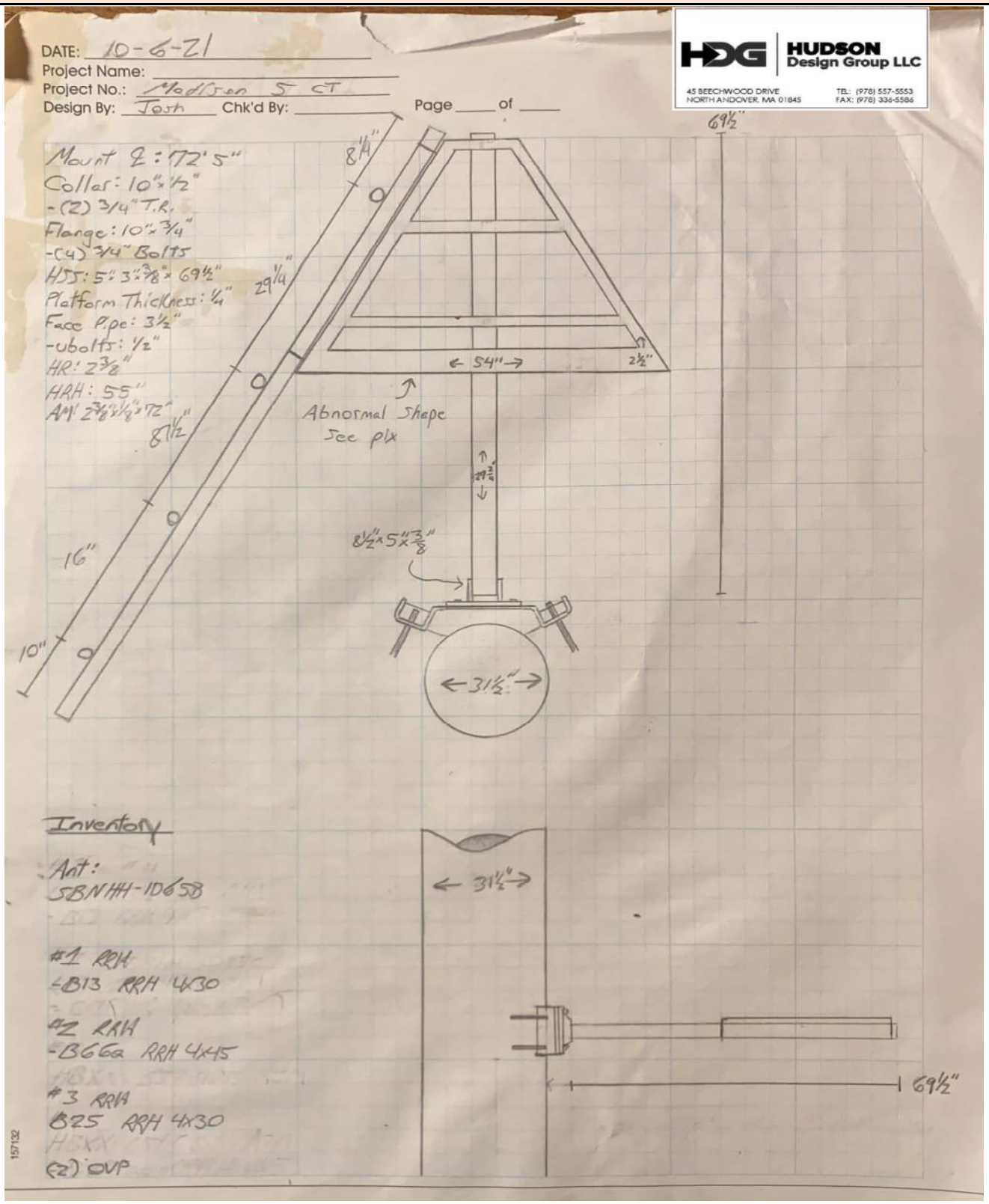
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)

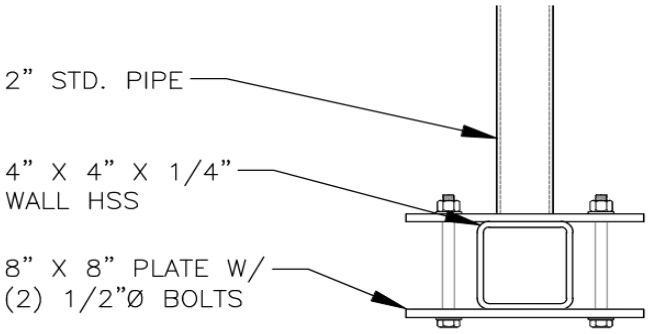
FCC # 1278610

Tower Owner:	ATC	**Mapping Date:**	10/6/2021
Site Name:	MADISON 5 CT	**Tower Type:**	Monopole
Site Number or ID:	467699	**Tower Height (Ft.):**	120
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	72.42

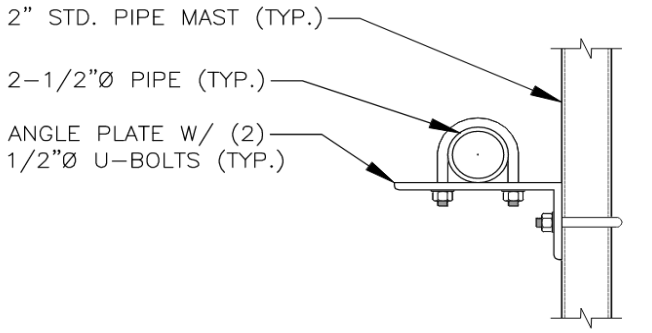
Please Insert Sketches of the Antenna Mount



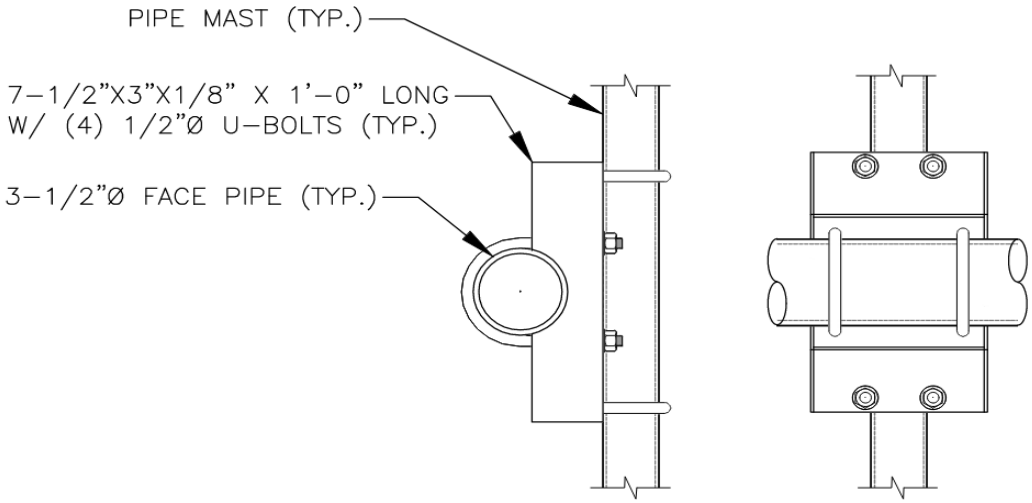
Please Insert Sketches of the Antenna Mount, cont'd



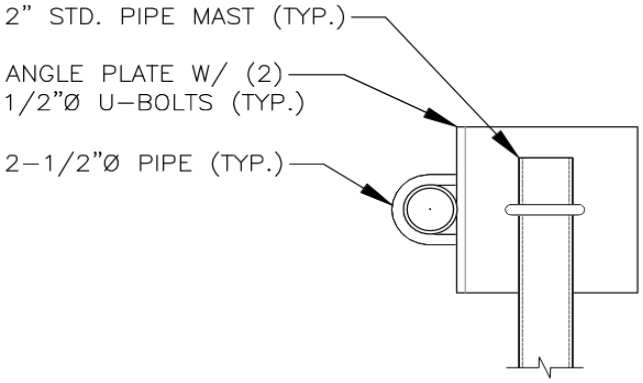
S.O. MOUNT DETAIL



HANDRAIL CONNECTION DETAIL

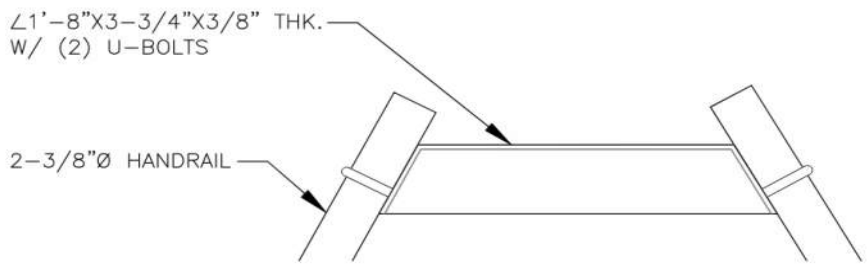


CROSSOVER PLATE DETAIL

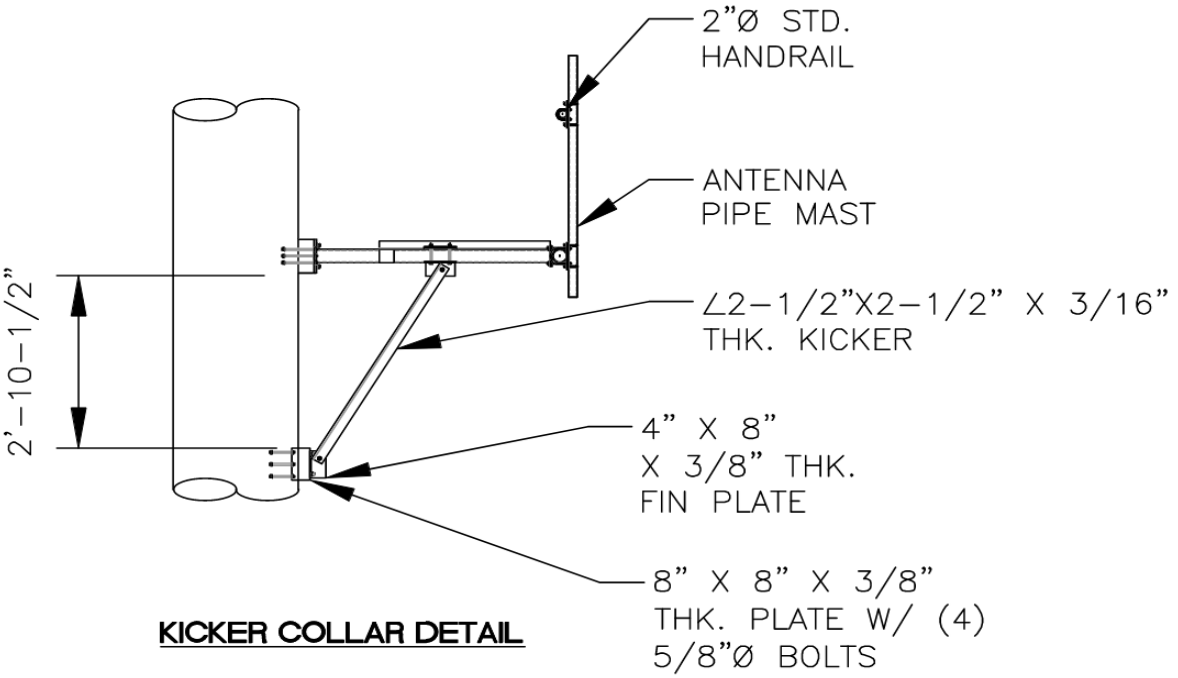


CROSSOVER PLATE DETAIL

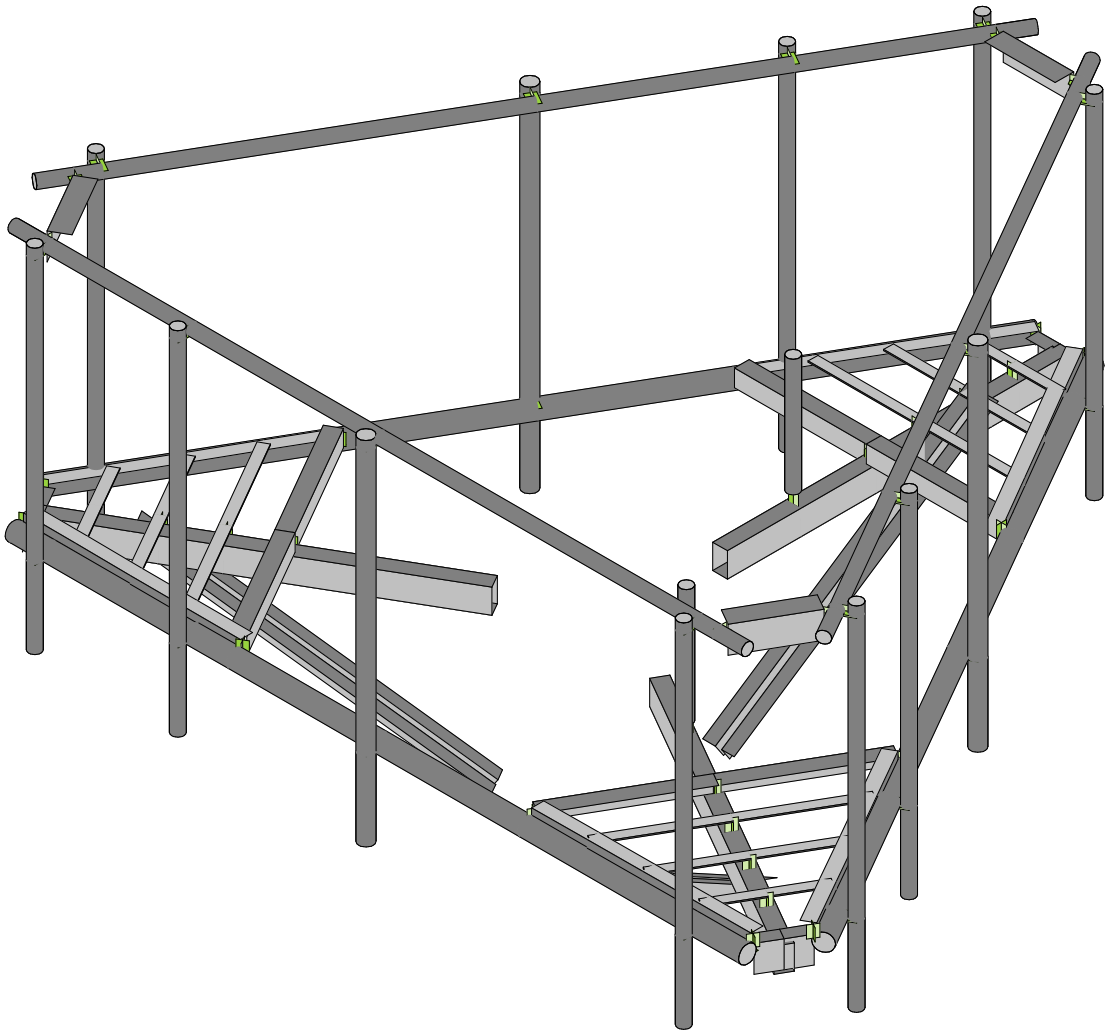
Please Insert Sketches of the Antenna Mount, cont'd



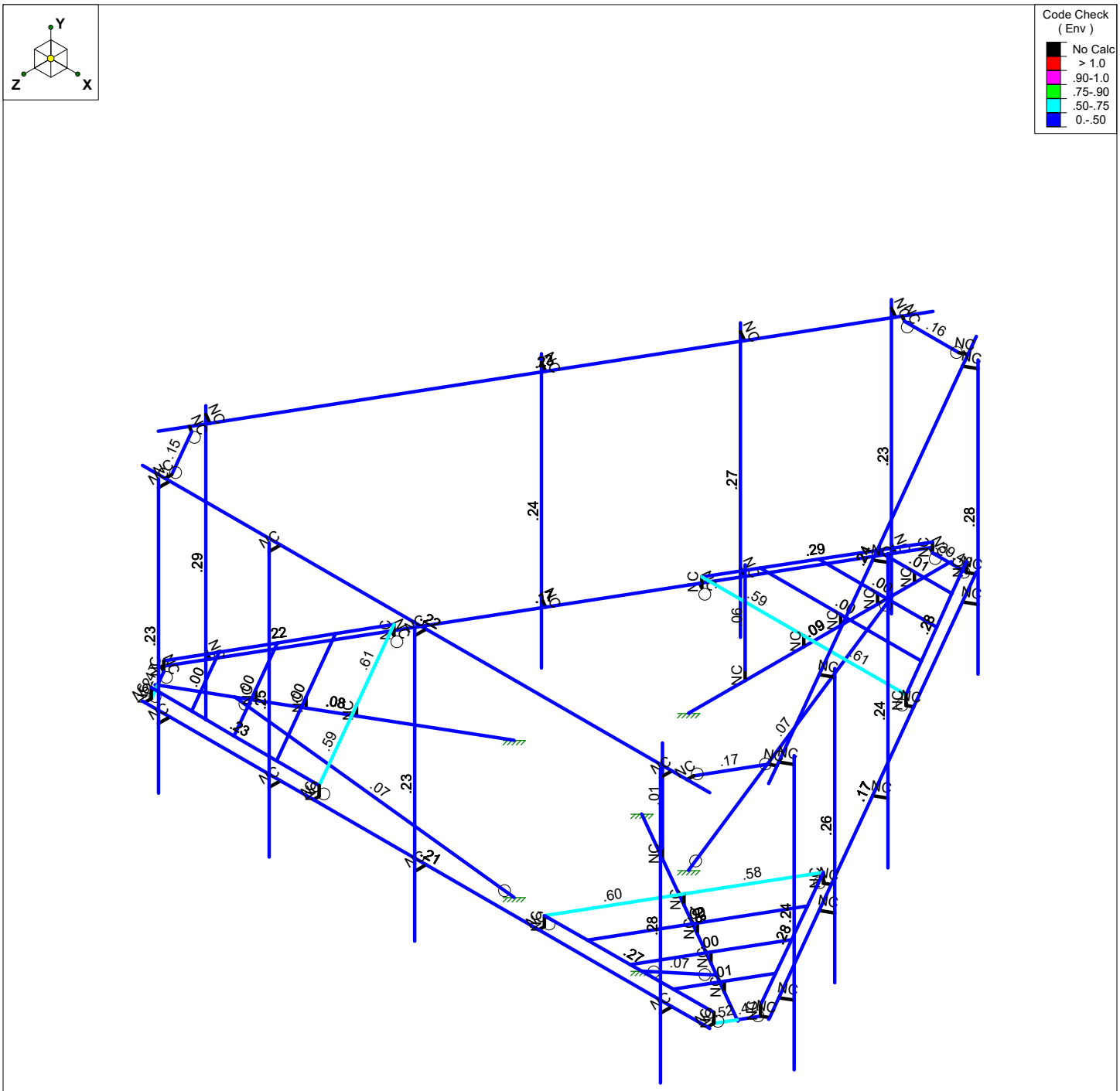
HANDRAIL APEX SUPPORT DETAIL



KICKER COLLAR DETAIL

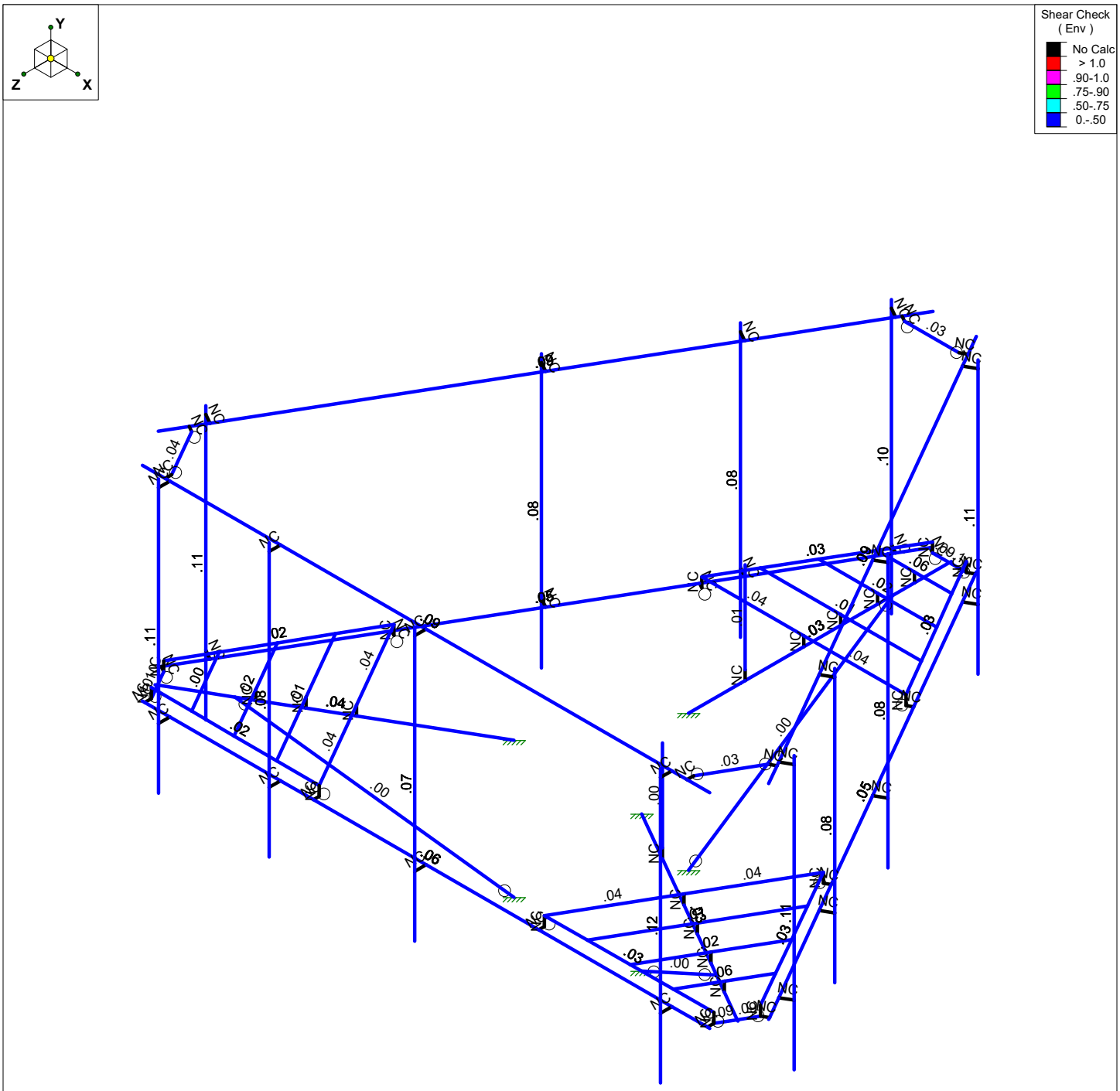


		SK - 1
		Sept 27, 2023 at 1:47 PM
		5000392629-VZW_MT_LO_H.r3d



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

		SK - 2
		Sept 27, 2023 at 1:47 PM
		5000392629-VZW_MT_LO_H.r3d



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

		SK - 3
		Sept 27, 2023 at 1:47 PM
		5000392629-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					84			
2	Antenna Di	None					84			
3	Antenna Wo (0 Deg)	None					84			
4	Antenna Wo (30 Deg)	None					84			
5	Antenna Wo (60 Deg)	None					84			
6	Antenna Wo (90 Deg)	None					84			
7	Antenna Wo (120 Deg)	None					84			
8	Antenna Wo (150 Deg)	None					84			
9	Antenna Wo (180 Deg)	None					84			
10	Antenna Wo (210 Deg)	None					84			
11	Antenna Wo (240 Deg)	None					84			
12	Antenna Wo (270 Deg)	None					84			
13	Antenna Wo (300 Deg)	None					84			
14	Antenna Wo (330 Deg)	None					84			
15	Antenna Wi (0 Deg)	None					84			
16	Antenna Wi (30 Deg)	None					84			
17	Antenna Wi (60 Deg)	None					84			
18	Antenna Wi (90 Deg)	None					84			
19	Antenna Wi (120 Deg)	None					84			
20	Antenna Wi (150 Deg)	None					84			
21	Antenna Wi (180 Deg)	None					84			
22	Antenna Wi (210 Deg)	None					84			
23	Antenna Wi (240 Deg)	None					84			
24	Antenna Wi (270 Deg)	None					84			
25	Antenna Wi (300 Deg)	None					84			
26	Antenna Wi (330 Deg)	None					84			
27	Antenna Wm (0 Deg)	None					84			
28	Antenna Wm (30 Deg)	None					84			
29	Antenna Wm (60 Deg)	None					84			
30	Antenna Wm (90 Deg)	None					84			
31	Antenna Wm (120 Deg)	None					84			
32	Antenna Wm (150 Deg)	None					84			
33	Antenna Wm (180 Deg)	None					84			
34	Antenna Wm (210 Deg)	None					84			
35	Antenna Wm (240 Deg)	None					84			
36	Antenna Wm (270 Deg)	None					84			
37	Antenna Wm (300 Deg)	None					84			
38	Antenna Wm (330 Deg)	None					84			
39	Structure D	None		-1					3	
40	Structure Di	None						56	3	
41	Structure Wo (0 Deg)	None						112		
42	Structure Wo (30 Deg)	None						112		
43	Structure Wo (60 Deg)	None						112		
44	Structure Wo (90 Deg)	None						112		
45	Structure Wo (120 Deg)	None						112		
46	Structure Wo (150 Deg)	None						112		
47	Structure Wo (180 Deg)	None						112		
48	Structure Wo (210 Deg)	None						112		
49	Structure Wo (240 Deg)	None						112		
50	Structure Wo (270 Deg)	None						112		
51	Structure Wo (300 Deg)	None						112		
52	Structure Wo (330 Deg)	None						112		
53	Structure Wi (0 Deg)	None						112		
54	Structure Wi (30 Deg)	None						112		
55	Structure Wi (60 Deg)	None						112		
56	Structure Wi (90 Deg)	None						112		

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						112		
58	Structure Wi (150 Deg)	None						112		
59	Structure Wi (180 Deg)	None						112		
60	Structure Wi (210 Deg)	None						112		
61	Structure Wi (240 Deg)	None						112		
62	Structure Wi (270 Deg)	None						112		
63	Structure Wi (300 Deg)	None						112		
64	Structure Wi (330 Deg)	None						112		
65	Structure Wm (0 Deg)	None						112		
66	Structure Wm (30 Deg)	None						112		
67	Structure Wm (60 Deg)	None						112		
68	Structure Wm (90 Deg)	None						112		
69	Structure Wm (120 Deg)	None						112		
70	Structure Wm (150 Deg)	None						112		
71	Structure Wm (180 Deg)	None						112		
72	Structure Wm (210 Deg)	None						112		
73	Structure Wm (240 Deg)	None						112		
74	Structure Wm (270 Deg)	None						112		
75	Structure Wm (300 Deg)	None						112		
76	Structure Wm (330 Deg)	None						112		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					84			
82	Antenna Eh (0 Deg)	None					56			
83	Antenna Eh (90 Deg)	None					56			
84	Structure Ev	ELY		-.044					3	
85	Structure Eh (0 Deg)	ELZ			-.11				3	
86	Structure Eh (90 Deg)	ELX	.11						3	
87	BLC 39 Transient Area Loads	None						30		
88	BLC 40 Transient Area Loads	None						30		
89	BLC 84 Transient Area Loads	None						30		
90	BLC 85 Transient Area Loads	None						30		
91	BLC 86 Transient Area Loads	None						30		

Load Combinations

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 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								

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
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										
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	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N143	-0.	0.	-0.	0	
2	N63	-0.	0.	-7.416668	0	
3	N66	0.000042	0.	-7.375616	0	
4	N67	0.000042	0.	-1.625002	0	
5	N68	2.250001	0.	-4.166669	0	
6	N69	2.359548	0.	-4.229916	0	
7	N70	-2.249917	0	-4.166669	0	
8	N71	0.000042	0.	-4.166669	0	
9	N72	0.375021	0.	-7.375616	0	
10	N73	-0.374945	0.	-7.375603	0	
11	N74	0.501288	0.	-7.448516	0	
12	N75	-0.501274	0.	-7.44854	0	
13	N76	2.250001	0.208333	-4.166669	0	
14	N77	-2.249917	0.208333	-4.166669	0	
15	N78	0.000042	0.208333	-4.166669	0	
16	N79	0.375021	0.208333	-7.375616	0	
17	N80	-0.374945	0.208333	-7.375603	0	
18	N81	0.000042	0.	-5.792253	0	
19	N82	0.000042	0.	-4.979753	0	
20	N83	0.000042	0.208333	-5.792253	0	
21	N84	0.000042	0.208333	-4.979753	0	
22	N85	1.300176	0.208333	-5.792253	0	
23	N86	1.774918	0.208333	-4.979753	0	
24	N87	-1.300092	0.208333	-5.792253	0	
25	N88	-1.774834	0.208333	-4.979753	0	
26	N89	0.000042	0.	-6.604753	0	
27	N90	0.000042	0.208333	-6.604753	0	
28	N91	0.825434	0.208333	-6.604753	0	
29	N92	-0.82535	0.208333	-6.604753	0	
30	N180	-2.359548	0	-4.229916	0	
31	N138	-0.000014	0.	4.158407	0	
32	N139	-6.250015	0.	4.158407	0	
33	N140	6.249987	0.	4.158407	0	
34	N141	-5.645848	0.	4.158407	0	
35	N142	-3.208348	0.	4.158407	0	
36	N144	5.416652	0.	4.158407	0	
37	N145	-5.645848	0.	4.408407	0	
38	N146	-3.208348	0.	4.408407	0	
39	N147	-0.000015	0.	4.408407	0	
40	N148	5.416652	0.	4.408407	0	
41	N149	-6.250015	4.5	4.158407	0	
42	N150	6.249987	4.5	4.158407	0	
43	N151	-5.645848	4.5	4.158407	0	
44	N152	-3.208348	4.5	4.158407	0	
45	N153	-0.000015	4.5	4.158407	0	
46	N154A	5.416652	4.5	4.158407	0	
47	N155A	-5.645848	4.5	4.408407	0	
48	N156	-3.208348	4.5	4.408407	0	
49	N157	-0.000015	4.5	4.408407	0	
50	N158	5.416652	4.5	4.408407	0	
51	N159	-5.645848	4.666667	4.408407	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N160	-3.208348	4.666667	4.408407	0	
53	N161	-0.000015	4.666667	4.408407	0	
54	N162	5.416652	4.666667	4.408407	0	
55	N163	-5.645848	-1.333333	4.408407	0	
56	N164A	-3.208348	-1.333333	4.408407	0	
57	N165A	-0.000015	-1.333333	4.408407	0	
58	N166	5.416652	-1.333333	4.408407	0	
59	N68A	-6.423023	0.	3.708334	0	
60	N69A	-6.387491	0.	3.687772	0	
61	N70A	-1.407314	0.	0.812465	0	
62	N71A	-4.733442	0.	0.134777	0	
63	N72A	-4.842989	0.	0.07153	0	
64	N73A	-2.483483	0	4.03182	0	
65	N74A	-3.608462	0.	2.083298	0	
66	N75A	-6.574981	0.	3.36303	0	
67	N76A	-6.199987	0.	4.012513	0	
68	N77A	-6.701248	0.	3.29013	0	
69	N78A	-6.199987	0.	4.158386	0	
70	N79A	-4.733442	0.208333	0.134777	0	
71	N80A	-2.483483	0.208333	4.03182	0	
72	N81A	-3.608462	0.208333	2.083298	0	
73	N82A	-6.574981	0.208333	3.36303	0	
74	N83A	-6.199987	0.208333	4.012513	0	
75	N84A	-5.016259	0.	2.89609	0	
76	N85A	-4.312614	0.	2.48984	0	
77	N86A	-5.016259	0.208333	2.89609	0	
78	N87A	-4.312614	0.208333	2.48984	0	
79	N88A	-5.666326	0.208333	1.770141	0	
80	N89A	-5.200051	0.208333	0.952753	0	
81	N90A	-4.366192	0.208333	4.022039	0	
82	N91A	-3.425176	0.208333	4.026928	0	
83	N93	-5.719905	0.208333	3.30234	0	
84	N94	-6.132601	0.208333	2.58753	0	
85	N95	-5.307209	0.208333	4.017151	0	
86	N98	-2.483441	0	4.158386	0	
87	N99	6.423023	0.	3.708334	0	
88	N100	6.38745	0.	3.687844	0	
89	N101	1.407272	0.	0.812537	0	
90	N102	2.483441	0.	4.031892	0	
91	N103	2.483441	0.	4.158386	0	
92	N104	4.7334	0	0.134849	0	
93	N105	3.60842	0.	2.083371	0	
94	N106	6.19996	0.	4.012585	0	
95	N107	6.574932	0.	3.36309	0	
96	N108	6.19996	0.	4.158386	0	
97	N109	6.701262	0.	3.290153	0	
98	N110	2.483441	0.208333	4.031892	0	
99	N111	4.7334	0.208333	0.134849	0	
100	N112	3.60842	0.208333	2.083371	0	
101	N113	6.19996	0.208333	4.012585	0	
102	N114	6.574932	0.208333	3.36309	0	
103	N115	5.016217	0.	2.896163	0	
104	N116	4.312572	0.	2.489913	0	
105	N117	5.016217	0.208333	2.896163	0	
106	N118	4.312572	0.208333	2.489913	0	
107	N119	4.36615	0.208333	4.022112	0	
108	N120	3.425134	0.208333	4.027	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N121	5.666284	0.208333	1.770214	0	
110	N122	5.20001	0.208333	0.952825	0	
111	N123	5.719863	0.	3.302413	0	
112	N124	5.719863	0.208333	3.302413	0	
113	N125	5.307167	0.208333	4.017223	0	
114	N126	6.132559	0.208333	2.587602	0	
115	N129	4.842989	0	0.07153	0	
116	N136	3.601293	0.	-2.079192	0	
117	N137A	6.726293	0.	3.333468	0	
118	N138A	0.476293	0.	-7.491851	0	
119	N139A	6.42421	0.	2.810244	0	
120	N140A	5.20546	0.	0.699307	0	
121	N142A	0.89296	0.	-6.770162	0	
122	N143B	6.640716	0.	2.685244	0	
123	N144A	5.421966	0.	0.574307	0	
124	N146A	1.109466	0.	-6.895162	0	
125	N147A	6.726293	4.5	3.333468	0	
126	N148A	0.476293	4.5	-7.491851	0	
127	N149A	6.42421	4.5	2.810244	0	
128	N150A	5.20546	4.5	0.699307	0	
129	N152A	0.89296	4.5	-6.770162	0	
130	N153A	6.640716	4.5	2.685244	0	
131	N154	5.421966	4.5	0.574307	0	
132	N156A	1.109466	4.5	-6.895162	0	
133	N157A	6.640716	4.666667	2.685244	0	
134	N158A	5.421966	4.666667	0.574307	0	
135	N160A	1.109466	4.666667	-6.895162	0	
136	N161A	6.640716	-1.333333	2.685244	0	
137	N162A	5.421966	-1.333333	0.574307	0	
138	N164	1.109466	-1.333333	-6.895162	0	
139	N171	-3.601279	0.	-2.079215	0	
140	N172	-0.476279	0.	-7.491875	0	
141	N173	-6.72628	0.	3.333444	0	
142	N174	-0.778362	0.	-6.968651	0	
143	N175	-1.997112	0.	-4.857714	0	
144	N177	-6.309612	0.	2.611755	0	
145	N178A	-0.994869	0.	-7.093651	0	
146	N179A	-2.213619	0.	-4.982714	0	
147	N181	-6.526119	0.	2.486755	0	
148	N182	-0.476279	4.5	-7.491875	0	
149	N183	-6.72628	4.5	3.333444	0	
150	N184	-0.778362	4.5	-6.968651	0	
151	N185	-1.997112	4.5	-4.857714	0	
152	N187	-6.309612	4.5	2.611755	0	
153	N188	-0.994869	4.5	-7.093651	0	
154	N189	-2.213619	4.5	-4.982714	0	
155	N191	-6.526119	4.5	2.486755	0	
156	N192	-0.994869	4.666667	-7.093651	0	
157	N193	-2.213619	4.666667	-4.982714	0	
158	N195	-6.526119	4.666667	2.486755	0	
159	N196	-0.994869	-1.333333	-7.093651	0	
160	N197	-2.213619	-1.333333	-4.982714	0	
161	N199	-6.526119	-1.333333	2.486755	0	
162	N200	0.000042	0.	-2.875002	0	
163	N201	0.000042	0.208333	-2.875002	0	
164	N202	0.000042	2.208333	-2.875002	0	
165	N181A	-5.750015	4.5	4.158407	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N182A	5.749987	4.5	4.158407	0	
167	N183A	-5.750015	4.5	4.012574	0	
168	N184A	5.749987	4.5	4.012574	0	
169	N185A	6.476293	4.5	2.900455	0	
170	N186A	0.726293	4.5	-7.058839	0	
171	N187A	6.349998	4.5	2.973372	0	
172	N188A	0.599997	4.5	-6.985922	0	
173	N189A	-0.726279	4.5	-7.058862	0	
174	N190A	-6.47628	4.5	2.900431	0	
175	N191A	-0.599983	4.5	-6.985945	0	
176	N192A	-6.349984	4.5	2.973348	0	
177	N191B	2.489804	0.	1.437537	0	
178	N192B	2.489804	0.208333	1.437537	0	
179	N193A	2.489804	2.208333	1.437537	0	
180	N184B	3.8178	0.	-2.204191	0	
181	N185B	3.601293	4.5	-2.079191	0	
182	N186	3.8178	4.5	-2.204191	0	
183	N187B	3.8178	4.666667	-2.204191	0	
184	N188B	3.8178	-1.333333	-2.204191	0	
185	N191C	-3.817785	0.	-2.204216	0	
186	N192C	-3.601279	4.5	-2.079216	0	
187	N193B	-3.817785	4.5	-2.204216	0	
188	N194	-3.817785	4.666667	-2.204216	0	
189	N195A	-3.817785	-1.333333	-2.204216	0	
190	N191D	0.000042	-3	-1.625002	0	
191	N192D	0.000042	0.	-6.125002	0	
192	N194A	-5.737441	0.	3.312465	0	
193	N193C	-1.407314	-3	0.812465	0	
194	N194B	-5.304429	0.	3.062465	0	
195	N195B	1.407272	-3	0.812537	0	
196	N196A	5.304387	0.	3.062537	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff Horizontal	HSS5X3X6	Beam	Tube	A500 Gr.B Rect	Typical	4.78	6.25	14.1	14.9
2	Mod Kicker	LL3x3x3x3	Column	Double Angl...	A36 Gr.36	Typical	2.18	4.09	1.9	.027
3	Crossmember Plate	PL3/16x2	Beam	RECT	A36 Gr.36	Typical	.375	.001	.125	.004
4	Grating Support	BentPlate_1....	Beam	Single Angle	A36 Gr.36	Typical	.683	.438	.124	.008
5	TES Grating Support	L2.5x1.5x4	Beam	Single Angle	A36 Gr.36	Typical	.947	.16	.594	.021
6	Platform Crossmember	L3.5X3X3	Beam	Single Angle	A36 Gr.36	Typical	1.187	1.01	1.477	.013
7	TES Platform Crossmember	L3.5X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.58	1.3	1.92	.036
8	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
9	Support Rail Corner Angle	L5.5x3.75x3_...	Beam	Single Angle	A36 Gr.36	Typical	1.699	2.135	5.462	.019
10	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
11	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
12	Dual Antenna Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
13	OVP Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
14	Corner Angle	L5.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical	1.465	.673	4.755	.017
15	TES Corner Angle	L5X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.94	1.41	5.09	.044

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M46	N68	N69			RIGID	None	None	RIGID	Typical
2	M47	N70	N180			RIGID	None	None	RIGID	Typical
3	M48	N67	N63			Standoff Horizontal	Beam	Tube	A500 Gr.B...	Typical
4	M49	N72	N74			RIGID	None	None	RIGID	Typical
5	M51	N73	N75			RIGID	None	None	RIGID	Typical
6	M53	N78	N76		180	Platform Crossme...	Beam	Single Angle	A36 Gr.36	Typical
7	M54	N77	N78		180	Platform Crossme...	Beam	Single Angle	A36 Gr.36	Typical
8	M55	N77	N70			RIGID	None	None	RIGID	Typical
9	M56	N76	N68			RIGID	None	None	RIGID	Typical
10	M57	N78	N71			RIGID	None	None	RIGID	Typical
11	M58	N73	N80			RIGID	None	None	RIGID	Typical
12	M59	N72	N79			RIGID	None	None	RIGID	Typical
13	M60	N81	N83			RIGID	None	None	RIGID	Typical
14	M61	N82	N84			RIGID	None	None	RIGID	Typical
15	M62	N87	N85		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
16	M63	N88	N86		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
17	M64	N89	N90			RIGID	None	None	RIGID	Typical
18	M65	N92	N91		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
19	M66	N77	N80		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
20	M67	N79	N76		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
21	M111	N188A	N191A		180	Support Rail Corne...	Beam	Single Angle	A36 Gr.36	Typical
22	M108	N72	N66		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
23	M109	N66	N73		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
24	M88	N139	N140			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
25	M89A	N144	N148			RIGID	None	None	RIGID	Typical
26	M90	N138	N147			RIGID	None	None	RIGID	Typical
27	M91	N142	N146			RIGID	None	None	RIGID	Typical
28	M92	N141	N145			RIGID	None	None	RIGID	Typical
29	M93	N149	N150			Support Rail	Beam	Pipe	A53 Gr.B	Typical
30	M94	N154A	N158			RIGID	None	None	RIGID	Typical
31	M95	N153	N157			RIGID	None	None	RIGID	Typical
32	M96	N152	N156			RIGID	None	None	RIGID	Typical
33	M97	N151	N155A			RIGID	None	None	RIGID	Typical
34	MP4A	N159	N163			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
35	MP3A	N160	N164A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
36	MP2A	N161	N165A			Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
37	MP1A	N162	N166			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
38	M38	N71A	N72A			RIGID	None	None	RIGID	Typical
39	M39	N73A	N98			RIGID	None	None	RIGID	Typical
40	M40	N70A	N68A			Standoff Horizontal	Beam	Tube	A500 Gr.B...	Typical
41	M41	N75A	N77A			RIGID	None	None	RIGID	Typical
42	M42	N76A	N78A			RIGID	None	None	RIGID	Typical
43	M45	N80A	N73A		240	RIGID	None	None	RIGID	Typical
44	M46A	N79A	N71A		240	RIGID	None	None	RIGID	Typical
45	M47A	N81A	N74A		240	RIGID	None	None	RIGID	Typical
46	M48A	N76A	N83A		120	RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
47	M49A	N75A	N82A		120	RIGID	None	None	RIGID	Typical
48	M50	N84A	N86A		120	RIGID	None	None	RIGID	Typical
49	M51A	N85A	N87A		120	RIGID	None	None	RIGID	Typical
50	M56A	N80A	N83A		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
51	M57A	N82A	N79A		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
52	M61A	N102	N103			RIGID	None	None	RIGID	Typical
53	M62A	N104	N129			RIGID	None	None	RIGID	Typical
54	M63A	N101	N99			Standoff Horizontal	Beam	Tube	A500 Gr.B...	Typical
55	M64A	N106	N108			RIGID	None	None	RIGID	Typical
56	M65A	N107	N109			RIGID	None	None	RIGID	Typical
57	M68	N111	N104		120	RIGID	None	None	RIGID	Typical
58	M69	N110	N102		120	RIGID	None	None	RIGID	Typical
59	M70	N112	N105		120	RIGID	None	None	RIGID	Typical
60	M71	N107	N114		240	RIGID	None	None	RIGID	Typical
61	M72	N106	N113		240	RIGID	None	None	RIGID	Typical
62	M73	N115	N117		240	RIGID	None	None	RIGID	Typical
63	M74	N116	N118		240	RIGID	None	None	RIGID	Typical
64	M77	N123	N124		240	RIGID	None	None	RIGID	Typical
65	M79	N111	N114		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M80	N113	N110		90	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
67	M84	N137A	N138A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
68	M85	N142A	N146A			RIGID	None	None	RIGID	Typical
69	M87	N140A	N144A			RIGID	None	None	RIGID	Typical
70	M88A	N139A	N143B			RIGID	None	None	RIGID	Typical
71	M89	N147A	N148A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
72	M90A	N152A	N156A			RIGID	None	None	RIGID	Typical
73	M92A	N150A	N154			RIGID	None	None	RIGID	Typical
74	M93A	N149A	N153A			RIGID	None	None	RIGID	Typical
75	MP4C	N157A	N161A		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
76	MP3C	N158A	N162A		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
77	MP1C	N160A	N164		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
78	M98	N172	N173			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
79	M99A	N177	N181			RIGID	None	None	RIGID	Typical
80	M101A	N175	N179A			RIGID	None	None	RIGID	Typical
81	M102	N174	N178A			RIGID	None	None	RIGID	Typical
82	M103	N182	N183			Support Rail	Beam	Pipe	A53 Gr.B	Typical
83	M104	N187	N191			RIGID	None	None	RIGID	Typical
84	M106	N185	N189			RIGID	None	None	RIGID	Typical
85	M107	N184	N188			RIGID	None	None	RIGID	Typical
86	MP4B	N192	N196		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	MP3B	N193	N197		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP1B	N195	N199		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	M112	N200	N201			RIGID	None	None	RIGID	Typical
90	OVP1	N202	N201			OVP Pipe	Column	Pipe	A53 Gr.B	Typical
91	M112A	N181A	N183A			RIGID	None	None	RIGID	Typical
92	M113A	N182A	N184A			RIGID	None	None	RIGID	Typical
93	M114	N185A	N187A			RIGID	None	None	RIGID	Typical
94	M115	N186A	N188A			RIGID	None	None	RIGID	Typical
95	M116	N189A	N191A			RIGID	None	None	RIGID	Typical
96	M117	N190A	N192A			RIGID	None	None	RIGID	Typical
97	M118	N192A	N183A		180	Support Rail Corne...	Beam	Single Angle	A36 Gr.36	Typical
98	M119	N184A	N187A		180	Support Rail Corne...	Beam	Single Angle	A36 Gr.36	Typical
99	M120	N191B	N192B		240	RIGID	None	None	RIGID	Typical
100	M121	N193A	N192B		120	OVP Pipe	Column	Pipe	A53 Gr.B	Typical
101	M118A	N81A	N79A		180	Platform Crossme...	Beam	Single Angle	A36 Gr.36	Typical
102	M119A	N80A	N81A		180	Platform Crossme...	Beam	Single Angle	A36 Gr.36	Typical
103	M120A	N112	N110		180	Platform Crossme...	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
104	M121A	N111	N112		180	Platform Crossme...	Beam	Single Angle	A36 Gr.36	Typical
105	M116A	N90A	N88A		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
106	M117A	N91A	N89A		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
107	M118B	N95	N94		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
108	M119B	N121	N119		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
109	M120B	N122	N120		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
110	M121B	N126	N125		90	Crossmember Plate	Beam	RECT	A36 Gr.36	Typical
111	M118C	N75A	N69A		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
112	M119C	N69A	N76A		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
113	M120C	N106	N100		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
114	M121C	N100	N107		180	Corner Angle	Beam	Single Angle	A36 Gr.36	Typical
115	M116B	N136	N184B			RIGID	None	None	RIGID	Typical
116	M117B	N185B	N186			RIGID	None	None	RIGID	Typical
117	MP2C	N187B	N188B		240	Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
118	M119D	N171	N191C			RIGID	None	None	RIGID	Typical
119	M120D	N192C	N193B			RIGID	None	None	RIGID	Typical
120	MP2B	N194	N195A		120	Dual Antenna Mou...	Column	Pipe	A53 Gr.B	Typical
121	M122	N191D	N192D			Mod Kicker	Column	Double Angle ...	A36 Gr.36	Typical
122	M122A	N193C	N194B			Mod Kicker	Column	Double Angle ...	A36 Gr.36	Typical
123	M123	N195B	N196A			Mod Kicker	Column	Double Angle ...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	M46		BenPIN				Yes	** NA **			None
2	M47		BenPIN				Yes	** NA **			None
3	M48						Yes		V...		None
4	M49		BenPIN				Yes	** NA **			None
5	M51		BenPIN				Yes	** NA **			None
6	M53						Yes				None
7	M54						Yes	Default			None
8	M55						Yes	** NA **			None
9	M56						Yes	** NA **			None
10	M57						Yes	** NA **			None
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M60						Yes	** NA **			None
14	M61						Yes	** NA **			None
15	M62					Euler Buck...	Yes	Default			None
16	M63					Euler Buck...	Yes	Default			None
17	M64						Yes	** NA **			None
18	M65					Euler Buck...	Yes				None
19	M66						Yes				None
20	M67						Yes				None
21	M111						Yes	Default			None
22	M108						Yes				None
23	M109						Yes	Default			None
24	M88						Yes				None
25	M89A						Yes	** NA **			None
26	M90						Yes	** NA **			None
27	M91						Yes	** NA **			None
28	M92						Yes	** NA **			None
29	M93						Yes				None
30	M94						Yes	** NA **			None
31	M95						Yes	** NA **			None
32	M96						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
33	M97						Yes	** NA **			None
34	MP4A						Yes	** NA **			None
35	MP3A						Yes	** NA **			None
36	MP2A						Yes	** NA **			None
37	MP1A						Yes	** NA **			None
38	M38		BenPIN				Yes	** NA **			None
39	M39		BenPIN				Yes	** NA **			None
40	M40						Yes		V...		None
41	M41		BenPIN				Yes	** NA **			None
42	M42		BenPIN				Yes	** NA **			None
43	M45						Yes	** NA **			None
44	M46A						Yes	** NA **			None
45	M47A						Yes	** NA **			None
46	M48A						Yes	** NA **			None
47	M49A						Yes	** NA **			None
48	M50						Yes	** NA **			None
49	M51A						Yes	** NA **			None
50	M56A						Yes				None
51	M57A						Yes				None
52	M61A		BenPIN				Yes	** NA **			None
53	M62A		BenPIN				Yes	** NA **			None
54	M63A						Yes	Default	V...		None
55	M64A		BenPIN				Yes	** NA **			None
56	M65A		BenPIN				Yes	** NA **			None
57	M68						Yes	** NA **			None
58	M69						Yes	** NA **			None
59	M70						Yes	** NA **			None
60	M71						Yes	** NA **			None
61	M72						Yes	** NA **			None
62	M73						Yes	** NA **			None
63	M74						Yes	** NA **			None
64	M77						Yes	** NA **			None
65	M79						Yes				None
66	M80						Yes				None
67	M84						Yes				None
68	M85						Yes	** NA **			None
69	M87						Yes	** NA **			None
70	M88A						Yes	** NA **			None
71	M89						Yes				None
72	M90A						Yes	** NA **			None
73	M92A						Yes	** NA **			None
74	M93A						Yes	** NA **			None
75	MP4C						Yes	** NA **			None
76	MP3C						Yes	** NA **			None
77	MP1C						Yes	** NA **			None
78	M98						Yes				None
79	M99A						Yes	** NA **			None
80	M101A						Yes	** NA **			None
81	M102						Yes	** NA **			None
82	M103						Yes				None
83	M104						Yes	** NA **			None
84	M106						Yes	** NA **			None
85	M107						Yes	** NA **			None
86	MP4B						Yes	** NA **			None
87	MP3B						Yes	** NA **			None
88	MP1B						Yes	** NA **			None
89	M112						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
90	OVP1						Yes	** NA **			None
91	M112A	OOOOOX					Yes	** NA **			None
92	M113A	OOOOOX					Yes	** NA **			None
93	M114	OOOOOX					Yes	** NA **			None
94	M115	OOOOOX					Yes	** NA **			None
95	M116	OOOOOX					Yes	** NA **			None
96	M117	OOOOOX					Yes	** NA **			None
97	M118						Yes	Default			None
98	M119						Yes	Default			None
99	M120						Yes	** NA **			None
100	M121						Yes	** NA **			None
101	M118A						Yes				None
102	M119A						Yes	Default			None
103	M120A						Yes				None
104	M121A						Yes	Default			None
105	M116A					Euler Buck...	Yes	Default			None
106	M117A					Euler Buck...	Yes	Default			None
107	M118B					Euler Buck...	Yes				None
108	M119B					Euler Buck...	Yes	Default			None
109	M120B					Euler Buck...	Yes	Default			None
110	M121B					Euler Buck...	Yes				None
111	M118C						Yes				None
112	M119C						Yes	Default			None
113	M120C						Yes				None
114	M121C						Yes	Default			None
115	M116B						Yes	** NA **			None
116	M117B						Yes	** NA **			None
117	MP2C						Yes	** NA **			None
118	M119D						Yes	** NA **			None
119	M120D						Yes	** NA **			None
120	MP2B						Yes	** NA **			None
121	M122	BenPIN	BenPIN				Yes	** NA **			None
122	M122A	BenPIN	BenPIN				Yes	** NA **			None
123	M123	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-39	.5
2	MP2A	My	-.019	.5
3	MP2A	Mz	-.026	.5
4	MP2A	Y	-39	4.5
5	MP2A	My	-.019	4.5
6	MP2A	Mz	-.026	4.5
7	MP2B	Y	-39	.5
8	MP2B	My	.032	.5
9	MP2B	Mz	.007	.5
10	MP2B	Y	-39	4.5
11	MP2B	My	.032	4.5
12	MP2B	Mz	.007	4.5
13	MP2C	Y	-39	.5
14	MP2C	My	-.013	.5
15	MP2C	Mz	.03	.5
16	MP2C	Y	-39	4.5
17	MP2C	My	-.013	4.5
18	MP2C	Mz	.03	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	Y	-39	.5
20	MP2A	My	-.019	.5
21	MP2A	Mz	.026	.5
22	MP2A	Y	-39	4.5
23	MP2A	My	-.019	4.5
24	MP2A	Mz	.026	4.5
25	MP2B	Y	-39	.5
26	MP2B	My	-.002	.5
27	MP2B	Mz	-.032	.5
28	MP2B	Y	-39	4.5
29	MP2B	My	-.002	4.5
30	MP2B	Mz	-.032	4.5
31	MP2C	Y	-39	.5
32	MP2C	My	.032	.5
33	MP2C	Mz	.004	.5
34	MP2C	Y	-39	4.5
35	MP2C	My	.032	4.5
36	MP2C	Mz	.004	4.5
37	MP4A	Y	-23.2	3.75
38	MP4A	My	-.012	3.75
39	MP4A	Mz	0	3.75
40	MP4B	Y	-23.2	3.75
41	MP4B	My	.009	3.75
42	MP4B	Mz	-.007	3.75
43	MP4C	Y	-23.2	3.75
44	MP4C	My	.006	3.75
45	MP4C	Mz	.01	3.75
46	MP1A	Y	-28.65	.5
47	MP1A	My	-.014	.5
48	MP1A	Mz	0	.5
49	MP1A	Y	-28.65	2
50	MP1A	My	-.014	2
51	MP1A	Mz	0	2
52	MP1B	Y	-28.65	.5
53	MP1B	My	.011	.5
54	MP1B	Mz	-.009	.5
55	MP1B	Y	-28.65	2
56	MP1B	My	.011	2
57	MP1B	Mz	-.009	2
58	MP1C	Y	-28.65	.5
59	MP1C	My	.007	.5
60	MP1C	Mz	.012	.5
61	MP1C	Y	-28.65	2
62	MP1C	My	.007	2
63	MP1C	Mz	.012	2
64	MP2A	Y	-74.7	2
65	MP2A	My	.037	2
66	MP2A	Mz	0	2
67	MP2B	Y	-74.7	2
68	MP2B	My	-.029	2
69	MP2B	Mz	.024	2
70	MP2C	Y	-74.7	2
71	MP2C	My	-.019	2
72	MP2C	Mz	-.032	2
73	MP3A	Y	-79.1	2
74	MP3A	My	.04	2
75	MP3A	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3B	Y	-79.1	2
77	MP3B	My	-.03	2
78	MP3B	Mz	.025	2
79	MP3C	Y	-79.1	2
80	MP3C	My	-.02	2
81	MP3C	Mz	-.034	2
82	OVP1	Y	-32	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-77.305	.5
2	MP2A	My	-.039	.5
3	MP2A	Mz	-.052	.5
4	MP2A	Y	-77.305	4.5
5	MP2A	My	-.039	4.5
6	MP2A	Mz	-.052	4.5
7	MP2B	Y	-77.305	.5
8	MP2B	My	.063	.5
9	MP2B	Mz	.015	.5
10	MP2B	Y	-77.305	4.5
11	MP2B	My	.063	4.5
12	MP2B	Mz	.015	4.5
13	MP2C	Y	-77.305	.5
14	MP2C	My	-.025	.5
15	MP2C	Mz	.059	.5
16	MP2C	Y	-77.305	4.5
17	MP2C	My	-.025	4.5
18	MP2C	Mz	.059	4.5
19	MP2A	Y	-77.305	.5
20	MP2A	My	-.039	.5
21	MP2A	Mz	.052	.5
22	MP2A	Y	-77.305	4.5
23	MP2A	My	-.039	4.5
24	MP2A	Mz	.052	4.5
25	MP2B	Y	-77.305	.5
26	MP2B	My	-.004	.5
27	MP2B	Mz	-.064	.5
28	MP2B	Y	-77.305	4.5
29	MP2B	My	-.004	4.5
30	MP2B	Mz	-.064	4.5
31	MP2C	Y	-77.305	.5
32	MP2C	My	.064	.5
33	MP2C	Mz	.008	.5
34	MP2C	Y	-77.305	4.5
35	MP2C	My	.064	4.5
36	MP2C	Mz	.008	4.5
37	MP4A	Y	-27.766	3.75
38	MP4A	My	-.014	3.75
39	MP4A	Mz	0	3.75
40	MP4B	Y	-27.766	3.75
41	MP4B	My	.011	3.75
42	MP4B	Mz	-.009	3.75
43	MP4C	Y	-27.766	3.75
44	MP4C	My	.007	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP4C	Mz	.012	3.75
46	MP1A	Y	-27.903	.5
47	MP1A	My	-.014	.5
48	MP1A	Mz	0	.5
49	MP1A	Y	-27.903	2
50	MP1A	My	-.014	2
51	MP1A	Mz	0	2
52	MP1B	Y	-27.903	.5
53	MP1B	My	.011	.5
54	MP1B	Mz	-.009	.5
55	MP1B	Y	-27.903	2
56	MP1B	My	.011	2
57	MP1B	Mz	-.009	2
58	MP1C	Y	-27.903	.5
59	MP1C	My	.007	.5
60	MP1C	Mz	.012	.5
61	MP1C	Y	-27.903	2
62	MP1C	My	.007	2
63	MP1C	Mz	.012	2
64	MP2A	Y	-41.833	2
65	MP2A	My	.021	2
66	MP2A	Mz	0	2
67	MP2B	Y	-41.833	2
68	MP2B	My	-.016	2
69	MP2B	Mz	.013	2
70	MP2C	Y	-41.833	2
71	MP2C	My	-.01	2
72	MP2C	Mz	-.018	2
73	MP3A	Y	-42.278	2
74	MP3A	My	.021	2
75	MP3A	Mz	0	2
76	MP3B	Y	-42.278	2
77	MP3B	My	-.016	2
78	MP3B	Mz	.014	2
79	MP3C	Y	-42.278	2
80	MP3C	My	-.011	2
81	MP3C	Mz	-.018	2
82	OVP1	Y	-82.083	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-73.854	.5
3	MP2A	Mx	.049	.5
4	MP2A	X	0	4.5
5	MP2A	Z	-73.854	4.5
6	MP2A	Mx	.049	4.5
7	MP2B	X	0	.5
8	MP2B	Z	-66.177	.5
9	MP2B	Mx	-.013	.5
10	MP2B	X	0	4.5
11	MP2B	Z	-66.177	4.5
12	MP2B	Mx	-.013	4.5
13	MP2C	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	-59.919	.5
15	MP2C	Mx	-.046	.5
16	MP2C	X	0	4.5
17	MP2C	Z	-59.919	4.5
18	MP2C	Mx	-.046	4.5
19	MP2A	X	0	.5
20	MP2A	Z	-73.854	.5
21	MP2A	Mx	-.049	.5
22	MP2A	X	0	4.5
23	MP2A	Z	-73.854	4.5
24	MP2A	Mx	-.049	4.5
25	MP2B	X	0	.5
26	MP2B	Z	-66.177	.5
27	MP2B	Mx	.055	.5
28	MP2B	X	0	4.5
29	MP2B	Z	-66.177	4.5
30	MP2B	Mx	.055	4.5
31	MP2C	X	0	.5
32	MP2C	Z	-59.919	.5
33	MP2C	Mx	-.006	.5
34	MP2C	X	0	4.5
35	MP2C	Z	-59.919	4.5
36	MP2C	Mx	-.006	4.5
37	MP4A	X	0	3.75
38	MP4A	Z	-47.37	3.75
39	MP4A	Mx	0	3.75
40	MP4B	X	0	3.75
41	MP4B	Z	-37.453	3.75
42	MP4B	Mx	.012	3.75
43	MP4C	X	0	3.75
44	MP4C	Z	-29.368	3.75
45	MP4C	Mx	-.013	3.75
46	MP1A	X	0	.5
47	MP1A	Z	-59.454	.5
48	MP1A	Mx	0	.5
49	MP1A	X	0	2
50	MP1A	Z	-59.454	2
51	MP1A	Mx	0	2
52	MP1B	X	0	.5
53	MP1B	Z	-44.35	.5
54	MP1B	Mx	.014	.5
55	MP1B	X	0	2
56	MP1B	Z	-44.35	2
57	MP1B	Mx	.014	2
58	MP1C	X	0	.5
59	MP1C	Z	-32.037	.5
60	MP1C	Mx	-.014	.5
61	MP1C	X	0	2
62	MP1C	Z	-32.037	2
63	MP1C	Mx	-.014	2
64	MP2A	X	0	2
65	MP2A	Z	-47.99	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	-41.465	2
69	MP2B	Mx	-.013	2
70	MP2C	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2C	Z	-36.147	2
72	MP2C	Mx	.016	2
73	MP3A	X	0	2
74	MP3A	Z	-57.897	2
75	MP3A	Mx	0	2
76	MP3B	X	0	2
77	MP3B	Z	-50.286	2
78	MP3B	Mx	-.016	2
79	MP3C	X	0	2
80	MP3C	Z	-44.081	2
81	MP3C	Mx	.019	2
82	OVP1	X	0	1
83	OVP1	Z	-95.394	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	34.605	.5
2	MP2A	Z	-59.937	.5
3	MP2A	Mx	.023	.5
4	MP2A	X	34.605	4.5
5	MP2A	Z	-59.937	4.5
6	MP2A	Mx	.023	4.5
7	MP2B	X	28.724	.5
8	MP2B	Z	-49.751	.5
9	MP2B	Mx	.014	.5
10	MP2B	X	28.724	4.5
11	MP2B	Z	-49.751	4.5
12	MP2B	Mx	.014	4.5
13	MP2C	X	34.605	.5
14	MP2C	Z	-59.937	.5
15	MP2C	Mx	-.057	.5
16	MP2C	X	34.605	4.5
17	MP2C	Z	-59.937	4.5
18	MP2C	Mx	-.057	4.5
19	MP2A	X	34.605	.5
20	MP2A	Z	-59.937	.5
21	MP2A	Mx	-.057	.5
22	MP2A	X	34.605	4.5
23	MP2A	Z	-59.937	4.5
24	MP2A	Mx	-.057	4.5
25	MP2B	X	28.724	.5
26	MP2B	Z	-49.751	.5
27	MP2B	Mx	.04	.5
28	MP2B	X	28.724	4.5
29	MP2B	Z	-49.751	4.5
30	MP2B	Mx	.04	4.5
31	MP2C	X	34.605	.5
32	MP2C	Z	-59.937	.5
33	MP2C	Mx	.023	.5
34	MP2C	X	34.605	4.5
35	MP2C	Z	-59.937	4.5
36	MP2C	Mx	.023	4.5
37	MP4A	X	20.685	3.75
38	MP4A	Z	-35.827	3.75
39	MP4A	Mx	-.01	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4B	X	13.088	3.75
41	MP4B	Z	-22.669	3.75
42	MP4B	Mx	.012	3.75
43	MP4C	X	20.685	3.75
44	MP4C	Z	-35.827	3.75
45	MP4C	Mx	-.01	3.75
46	MP1A	X	25.157	.5
47	MP1A	Z	-43.574	.5
48	MP1A	Mx	-.013	.5
49	MP1A	X	25.157	2
50	MP1A	Z	-43.574	2
51	MP1A	Mx	-.013	2
52	MP1B	X	13.587	.5
53	MP1B	Z	-23.534	.5
54	MP1B	Mx	.013	.5
55	MP1B	X	13.587	2
56	MP1B	Z	-23.534	2
57	MP1B	Mx	.013	2
58	MP1C	X	25.157	.5
59	MP1C	Z	-43.574	.5
60	MP1C	Mx	-.013	.5
61	MP1C	X	25.157	2
62	MP1C	Z	-43.574	2
63	MP1C	Mx	-.013	2
64	MP2A	X	22.021	2
65	MP2A	Z	-38.142	2
66	MP2A	Mx	.011	2
67	MP2B	X	17.023	2
68	MP2B	Z	-29.485	2
69	MP2B	Mx	-.016	2
70	MP2C	X	22.021	2
71	MP2C	Z	-38.142	2
72	MP2C	Mx	.011	2
73	MP3A	X	26.646	2
74	MP3A	Z	-46.152	2
75	MP3A	Mx	.013	2
76	MP3B	X	20.815	2
77	MP3B	Z	-36.053	2
78	MP3B	Mx	-.02	2
79	MP3C	X	26.646	2
80	MP3C	Z	-46.152	2
81	MP3C	Mx	.013	2
82	OVP1	X	48.718	1
83	OVP1	Z	-84.383	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	51.891	.5
2	MP2A	Z	-29.959	.5
3	MP2A	Mx	-.006	.5
4	MP2A	X	51.891	4.5
5	MP2A	Z	-29.959	4.5
6	MP2A	Mx	-.006	4.5
7	MP2B	X	48.354	.5
8	MP2B	Z	-27.917	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.034	.5
10	MP2B	X	48.354	4.5
11	MP2B	Z	-27.917	4.5
12	MP2B	Mx	.034	4.5
13	MP2C	X	63.96	.5
14	MP2C	Z	-36.927	.5
15	MP2C	Mx	-.049	.5
16	MP2C	X	63.96	4.5
17	MP2C	Z	-36.927	4.5
18	MP2C	Mx	-.049	4.5
19	MP2A	X	51.891	.5
20	MP2A	Z	-29.959	.5
21	MP2A	Mx	-.046	.5
22	MP2A	X	51.891	4.5
23	MP2A	Z	-29.959	4.5
24	MP2A	Mx	-.046	4.5
25	MP2B	X	48.354	.5
26	MP2B	Z	-27.917	.5
27	MP2B	Mx	.021	.5
28	MP2B	X	48.354	4.5
29	MP2B	Z	-27.917	4.5
30	MP2B	Mx	.021	4.5
31	MP2C	X	63.96	.5
32	MP2C	Z	-36.927	.5
33	MP2C	Mx	.049	.5
34	MP2C	X	63.96	4.5
35	MP2C	Z	-36.927	4.5
36	MP2C	Mx	.049	4.5
37	MP4A	X	25.434	3.75
38	MP4A	Z	-14.684	3.75
39	MP4A	Mx	-.013	3.75
40	MP4B	X	20.864	3.75
41	MP4B	Z	-12.046	3.75
42	MP4B	Mx	.012	3.75
43	MP4C	X	41.024	3.75
44	MP4C	Z	-23.685	3.75
45	MP4C	Mx	0	3.75
46	MP1A	X	27.745	.5
47	MP1A	Z	-16.019	.5
48	MP1A	Mx	-.014	.5
49	MP1A	X	27.745	2
50	MP1A	Z	-16.019	2
51	MP1A	Mx	-.014	2
52	MP1B	X	20.785	.5
53	MP1B	Z	-12	.5
54	MP1B	Mx	.012	.5
55	MP1B	X	20.785	2
56	MP1B	Z	-12	2
57	MP1B	Mx	.012	2
58	MP1C	X	51.488	.5
59	MP1C	Z	-29.727	.5
60	MP1C	Mx	0	.5
61	MP1C	X	51.488	2
62	MP1C	Z	-29.727	2
63	MP1C	Mx	0	2
64	MP2A	X	31.304	2
65	MP2A	Z	-18.073	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2A	Mx	.016	2
67	MP2B	X	28.298	2
68	MP2B	Z	-16.338	2
69	MP2B	Mx	-.016	2
70	MP2C	X	41.56	2
71	MP2C	Z	-23.995	2
72	MP2C	Mx	0	2
73	MP3A	X	38.175	2
74	MP3A	Z	-22.04	2
75	MP3A	Mx	.019	2
76	MP3B	X	34.668	2
77	MP3B	Z	-20.015	2
78	MP3B	Mx	-.02	2
79	MP3C	X	50.14	2
80	MP3C	Z	-28.949	2
81	MP3C	Mx	0	2
82	OVP1	X	76.578	1
83	OVP1	Z	-44.212	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	55.274	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.028	.5
4	MP2A	X	55.274	4.5
5	MP2A	Z	0	4.5
6	MP2A	Mx	-.028	4.5
7	MP2B	X	62.951	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.051	.5
10	MP2B	X	62.951	4.5
11	MP2B	Z	0	4.5
12	MP2B	Mx	.051	4.5
13	MP2C	X	69.209	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.023	.5
16	MP2C	X	69.209	4.5
17	MP2C	Z	0	4.5
18	MP2C	Mx	-.023	4.5
19	MP2A	X	55.274	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.028	.5
22	MP2A	X	55.274	4.5
23	MP2A	Z	0	4.5
24	MP2A	Mx	-.028	4.5
25	MP2B	X	62.951	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	62.951	4.5
29	MP2B	Z	0	4.5
30	MP2B	Mx	-.003	4.5
31	MP2C	X	69.209	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.057	.5
34	MP2C	X	69.209	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	0	4.5
36	MP2C	Mx	.057	4.5
37	MP4A	X	23.368	3.75
38	MP4A	Z	0	3.75
39	MP4A	Mx	-.012	3.75
40	MP4B	X	33.285	3.75
41	MP4B	Z	0	3.75
42	MP4B	Mx	.013	3.75
43	MP4C	X	41.37	3.75
44	MP4C	Z	0	3.75
45	MP4C	Mx	.01	3.75
46	MP1A	X	22.899	.5
47	MP1A	Z	0	.5
48	MP1A	Mx	-.011	.5
49	MP1A	X	22.899	2
50	MP1A	Z	0	2
51	MP1A	Mx	-.011	2
52	MP1B	X	38.002	.5
53	MP1B	Z	0	.5
54	MP1B	Mx	.015	.5
55	MP1B	X	38.002	2
56	MP1B	Z	0	2
57	MP1B	Mx	.015	2
58	MP1C	X	50.315	.5
59	MP1C	Z	0	.5
60	MP1C	Mx	.013	.5
61	MP1C	X	50.315	2
62	MP1C	Z	0	2
63	MP1C	Mx	.013	2
64	MP2A	X	32.199	2
65	MP2A	Z	0	2
66	MP2A	Mx	.016	2
67	MP2B	X	38.724	2
68	MP2B	Z	0	2
69	MP2B	Mx	-.015	2
70	MP2C	X	44.042	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.011	2
73	MP3A	X	39.475	2
74	MP3A	Z	0	2
75	MP3A	Mx	.02	2
76	MP3B	X	47.087	2
77	MP3B	Z	0	2
78	MP3B	Mx	-.018	2
79	MP3C	X	53.292	2
80	MP3C	Z	0	2
81	MP3C	Mx	-.013	2
82	OVP1	X	77.369	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	51.891	.5
2	MP2A	Z	29.959	.5
3	MP2A	Mx	-.046	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	X	51.891	4.5
5	MP2A	Z	29.959	4.5
6	MP2A	Mx	-.046	4.5
7	MP2B	X	62.077	.5
8	MP2B	Z	35.84	.5
9	MP2B	Mx	.057	.5
10	MP2B	X	62.077	4.5
11	MP2B	Z	35.84	4.5
12	MP2B	Mx	.057	4.5
13	MP2C	X	51.891	.5
14	MP2C	Z	29.959	.5
15	MP2C	Mx	.006	.5
16	MP2C	X	51.891	4.5
17	MP2C	Z	29.959	4.5
18	MP2C	Mx	.006	4.5
19	MP2A	X	51.891	.5
20	MP2A	Z	29.959	.5
21	MP2A	Mx	-.006	.5
22	MP2A	X	51.891	4.5
23	MP2A	Z	29.959	4.5
24	MP2A	Mx	-.006	4.5
25	MP2B	X	62.077	.5
26	MP2B	Z	35.84	.5
27	MP2B	Mx	-.033	.5
28	MP2B	X	62.077	4.5
29	MP2B	Z	35.84	4.5
30	MP2B	Mx	-.033	4.5
31	MP2C	X	51.891	.5
32	MP2C	Z	29.959	.5
33	MP2C	Mx	.046	.5
34	MP2C	X	51.891	4.5
35	MP2C	Z	29.959	4.5
36	MP2C	Mx	.046	4.5
37	MP4A	X	25.434	3.75
38	MP4A	Z	14.684	3.75
39	MP4A	Mx	-.013	3.75
40	MP4B	X	38.592	3.75
41	MP4B	Z	22.281	3.75
42	MP4B	Mx	.008	3.75
43	MP4C	X	25.434	3.75
44	MP4C	Z	14.684	3.75
45	MP4C	Mx	.013	3.75
46	MP1A	X	27.745	.5
47	MP1A	Z	16.019	.5
48	MP1A	Mx	-.014	.5
49	MP1A	X	27.745	2
50	MP1A	Z	16.019	2
51	MP1A	Mx	-.014	2
52	MP1B	X	47.785	.5
53	MP1B	Z	27.589	.5
54	MP1B	Mx	.009	.5
55	MP1B	X	47.785	2
56	MP1B	Z	27.589	2
57	MP1B	Mx	.009	2
58	MP1C	X	27.745	.5
59	MP1C	Z	16.019	.5
60	MP1C	Mx	.014	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP1C	X	27.745	2
62	MP1C	Z	16.019	2
63	MP1C	Mx	.014	2
64	MP2A	X	31.304	2
65	MP2A	Z	18.073	2
66	MP2A	Mx	.016	2
67	MP2B	X	39.961	2
68	MP2B	Z	23.071	2
69	MP2B	Mx	-.008	2
70	MP2C	X	31.304	2
71	MP2C	Z	18.073	2
72	MP2C	Mx	-.016	2
73	MP3A	X	38.175	2
74	MP3A	Z	22.04	2
75	MP3A	Mx	.019	2
76	MP3B	X	48.274	2
77	MP3B	Z	27.871	2
78	MP3B	Mx	-.01	2
79	MP3C	X	38.175	2
80	MP3C	Z	22.04	2
81	MP3C	Mx	-.019	2
82	OVP1	X	65.234	1
83	OVP1	Z	37.663	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	34.605	.5
2	MP2A	Z	59.937	.5
3	MP2A	Mx	-.057	.5
4	MP2A	X	34.605	4.5
5	MP2A	Z	59.937	4.5
6	MP2A	Mx	-.057	4.5
7	MP2B	X	36.647	.5
8	MP2B	Z	63.474	.5
9	MP2B	Mx	.042	.5
10	MP2B	X	36.647	4.5
11	MP2B	Z	63.474	4.5
12	MP2B	Mx	.042	4.5
13	MP2C	X	27.637	.5
14	MP2C	Z	47.868	.5
15	MP2C	Mx	.028	.5
16	MP2C	X	27.637	4.5
17	MP2C	Z	47.868	4.5
18	MP2C	Mx	.028	4.5
19	MP2A	X	34.605	.5
20	MP2A	Z	59.937	.5
21	MP2A	Mx	.023	.5
22	MP2A	X	34.605	4.5
23	MP2A	Z	59.937	4.5
24	MP2A	Mx	.023	4.5
25	MP2B	X	36.647	.5
26	MP2B	Z	63.474	.5
27	MP2B	Mx	-.054	.5
28	MP2B	X	36.647	4.5
29	MP2B	Z	63.474	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2B	Mx	-.054	4.5
31	MP2C	X	27.637	.5
32	MP2C	Z	47.868	.5
33	MP2C	Mx	.028	.5
34	MP2C	X	27.637	4.5
35	MP2C	Z	47.868	4.5
36	MP2C	Mx	.028	4.5
37	MP4A	X	20.685	3.75
38	MP4A	Z	35.827	3.75
39	MP4A	Mx	-.01	3.75
40	MP4B	X	23.323	3.75
41	MP4B	Z	40.397	3.75
42	MP4B	Mx	-.004	3.75
43	MP4C	X	11.684	3.75
44	MP4C	Z	20.237	3.75
45	MP4C	Mx	.012	3.75
46	MP1A	X	25.157	.5
47	MP1A	Z	43.574	.5
48	MP1A	Mx	-.013	.5
49	MP1A	X	25.157	2
50	MP1A	Z	43.574	2
51	MP1A	Mx	-.013	2
52	MP1B	X	29.176	.5
53	MP1B	Z	50.534	.5
54	MP1B	Mx	-.005	.5
55	MP1B	X	29.176	2
56	MP1B	Z	50.534	2
57	MP1B	Mx	-.005	2
58	MP1C	X	11.449	.5
59	MP1C	Z	19.831	.5
60	MP1C	Mx	.011	.5
61	MP1C	X	11.449	2
62	MP1C	Z	19.831	2
63	MP1C	Mx	.011	2
64	MP2A	X	22.021	2
65	MP2A	Z	38.142	2
66	MP2A	Mx	.011	2
67	MP2B	X	23.757	2
68	MP2B	Z	41.148	2
69	MP2B	Mx	.004	2
70	MP2C	X	16.1	2
71	MP2C	Z	27.886	2
72	MP2C	Mx	-.016	2
73	MP3A	X	26.646	2
74	MP3A	Z	46.152	2
75	MP3A	Mx	.013	2
76	MP3B	X	28.671	2
77	MP3B	Z	49.659	2
78	MP3B	Mx	.005	2
79	MP3C	X	19.738	2
80	MP3C	Z	34.187	2
81	MP3C	Mx	-.02	2
82	OVP1	X	42.169	1
83	OVP1	Z	73.039	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	73.854	.5
3	MP2A	Mx	-.049	.5
4	MP2A	X	0	4.5
5	MP2A	Z	73.854	4.5
6	MP2A	Mx	-.049	4.5
7	MP2B	X	0	.5
8	MP2B	Z	66.177	.5
9	MP2B	Mx	.013	.5
10	MP2B	X	0	4.5
11	MP2B	Z	66.177	4.5
12	MP2B	Mx	.013	4.5
13	MP2C	X	0	.5
14	MP2C	Z	59.919	.5
15	MP2C	Mx	.046	.5
16	MP2C	X	0	4.5
17	MP2C	Z	59.919	4.5
18	MP2C	Mx	.046	4.5
19	MP2A	X	0	.5
20	MP2A	Z	73.854	.5
21	MP2A	Mx	.049	.5
22	MP2A	X	0	4.5
23	MP2A	Z	73.854	4.5
24	MP2A	Mx	.049	4.5
25	MP2B	X	0	.5
26	MP2B	Z	66.177	.5
27	MP2B	Mx	-.055	.5
28	MP2B	X	0	4.5
29	MP2B	Z	66.177	4.5
30	MP2B	Mx	-.055	4.5
31	MP2C	X	0	.5
32	MP2C	Z	59.919	.5
33	MP2C	Mx	.006	.5
34	MP2C	X	0	4.5
35	MP2C	Z	59.919	4.5
36	MP2C	Mx	.006	4.5
37	MP4A	X	0	3.75
38	MP4A	Z	47.37	3.75
39	MP4A	Mx	0	3.75
40	MP4B	X	0	3.75
41	MP4B	Z	37.453	3.75
42	MP4B	Mx	-.012	3.75
43	MP4C	X	0	3.75
44	MP4C	Z	29.368	3.75
45	MP4C	Mx	.013	3.75
46	MP1A	X	0	.5
47	MP1A	Z	59.454	.5
48	MP1A	Mx	0	.5
49	MP1A	X	0	2
50	MP1A	Z	59.454	2
51	MP1A	Mx	0	2
52	MP1B	X	0	.5
53	MP1B	Z	44.35	.5
54	MP1B	Mx	-.014	.5
55	MP1B	X	0	2
56	MP1B	Z	44.35	2
57	MP1B	Mx	-.014	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1C	X	0	.5
59	MP1C	Z	32.037	.5
60	MP1C	Mx	.014	.5
61	MP1C	X	0	2
62	MP1C	Z	32.037	2
63	MP1C	Mx	.014	2
64	MP2A	X	0	2
65	MP2A	Z	47.99	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	41.465	2
69	MP2B	Mx	.013	2
70	MP2C	X	0	2
71	MP2C	Z	36.147	2
72	MP2C	Mx	-.016	2
73	MP3A	X	0	2
74	MP3A	Z	57.897	2
75	MP3A	Mx	0	2
76	MP3B	X	0	2
77	MP3B	Z	50.286	2
78	MP3B	Mx	.016	2
79	MP3C	X	0	2
80	MP3C	Z	44.081	2
81	MP3C	Mx	-.019	2
82	OVP1	X	0	1
83	OVP1	Z	95.394	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-34.605	.5
2	MP2A	Z	59.937	.5
3	MP2A	Mx	-.023	.5
4	MP2A	X	-34.605	4.5
5	MP2A	Z	59.937	4.5
6	MP2A	Mx	-.023	4.5
7	MP2B	X	-28.724	.5
8	MP2B	Z	49.751	.5
9	MP2B	Mx	-.014	.5
10	MP2B	X	-28.724	4.5
11	MP2B	Z	49.751	4.5
12	MP2B	Mx	-.014	4.5
13	MP2C	X	-34.605	.5
14	MP2C	Z	59.937	.5
15	MP2C	Mx	.057	.5
16	MP2C	X	-34.605	4.5
17	MP2C	Z	59.937	4.5
18	MP2C	Mx	.057	4.5
19	MP2A	X	-34.605	.5
20	MP2A	Z	59.937	.5
21	MP2A	Mx	.057	.5
22	MP2A	X	-34.605	4.5
23	MP2A	Z	59.937	4.5
24	MP2A	Mx	.057	4.5
25	MP2B	X	-28.724	.5
26	MP2B	Z	49.751	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	-.04	.5
28	MP2B	X	-28.724	4.5
29	MP2B	Z	49.751	4.5
30	MP2B	Mx	-.04	4.5
31	MP2C	X	-34.605	.5
32	MP2C	Z	59.937	.5
33	MP2C	Mx	-.023	.5
34	MP2C	X	-34.605	4.5
35	MP2C	Z	59.937	4.5
36	MP2C	Mx	-.023	4.5
37	MP4A	X	-20.685	3.75
38	MP4A	Z	35.827	3.75
39	MP4A	Mx	.01	3.75
40	MP4B	X	-13.088	3.75
41	MP4B	Z	22.669	3.75
42	MP4B	Mx	-.012	3.75
43	MP4C	X	-20.685	3.75
44	MP4C	Z	35.827	3.75
45	MP4C	Mx	.01	3.75
46	MP1A	X	-25.157	.5
47	MP1A	Z	43.574	.5
48	MP1A	Mx	.013	.5
49	MP1A	X	-25.157	2
50	MP1A	Z	43.574	2
51	MP1A	Mx	.013	2
52	MP1B	X	-13.587	.5
53	MP1B	Z	23.534	.5
54	MP1B	Mx	-.013	.5
55	MP1B	X	-13.587	2
56	MP1B	Z	23.534	2
57	MP1B	Mx	-.013	2
58	MP1C	X	-25.157	.5
59	MP1C	Z	43.574	.5
60	MP1C	Mx	.013	.5
61	MP1C	X	-25.157	2
62	MP1C	Z	43.574	2
63	MP1C	Mx	.013	2
64	MP2A	X	-22.021	2
65	MP2A	Z	38.142	2
66	MP2A	Mx	-.011	2
67	MP2B	X	-17.023	2
68	MP2B	Z	29.485	2
69	MP2B	Mx	.016	2
70	MP2C	X	-22.021	2
71	MP2C	Z	38.142	2
72	MP2C	Mx	-.011	2
73	MP3A	X	-26.646	2
74	MP3A	Z	46.152	2
75	MP3A	Mx	-.013	2
76	MP3B	X	-20.815	2
77	MP3B	Z	36.053	2
78	MP3B	Mx	.02	2
79	MP3C	X	-26.646	2
80	MP3C	Z	46.152	2
81	MP3C	Mx	-.013	2
82	OVP1	X	-48.718	1
83	OVP1	Z	84.383	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-51.891	.5
2	MP2A	Z	29.959	.5
3	MP2A	Mx	.006	.5
4	MP2A	X	-51.891	4.5
5	MP2A	Z	29.959	4.5
6	MP2A	Mx	.006	4.5
7	MP2B	X	-48.354	.5
8	MP2B	Z	27.917	.5
9	MP2B	Mx	-.034	.5
10	MP2B	X	-48.354	4.5
11	MP2B	Z	27.917	4.5
12	MP2B	Mx	-.034	4.5
13	MP2C	X	-63.96	.5
14	MP2C	Z	36.927	.5
15	MP2C	Mx	.049	.5
16	MP2C	X	-63.96	4.5
17	MP2C	Z	36.927	4.5
18	MP2C	Mx	.049	4.5
19	MP2A	X	-51.891	.5
20	MP2A	Z	29.959	.5
21	MP2A	Mx	.046	.5
22	MP2A	X	-51.891	4.5
23	MP2A	Z	29.959	4.5
24	MP2A	Mx	.046	4.5
25	MP2B	X	-48.354	.5
26	MP2B	Z	27.917	.5
27	MP2B	Mx	-.021	.5
28	MP2B	X	-48.354	4.5
29	MP2B	Z	27.917	4.5
30	MP2B	Mx	-.021	4.5
31	MP2C	X	-63.96	.5
32	MP2C	Z	36.927	.5
33	MP2C	Mx	-.049	.5
34	MP2C	X	-63.96	4.5
35	MP2C	Z	36.927	4.5
36	MP2C	Mx	-.049	4.5
37	MP4A	X	-25.434	3.75
38	MP4A	Z	14.684	3.75
39	MP4A	Mx	.013	3.75
40	MP4B	X	-20.864	3.75
41	MP4B	Z	12.046	3.75
42	MP4B	Mx	-.012	3.75
43	MP4C	X	-41.024	3.75
44	MP4C	Z	23.685	3.75
45	MP4C	Mx	0	3.75
46	MP1A	X	-27.745	.5
47	MP1A	Z	16.019	.5
48	MP1A	Mx	.014	.5
49	MP1A	X	-27.745	2
50	MP1A	Z	16.019	2
51	MP1A	Mx	.014	2
52	MP1B	X	-20.785	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	Z	12	.5
54	MP1B	Mx	-.012	.5
55	MP1B	X	-20.785	2
56	MP1B	Z	12	2
57	MP1B	Mx	-.012	2
58	MP1C	X	-51.488	.5
59	MP1C	Z	29.727	.5
60	MP1C	Mx	0	.5
61	MP1C	X	-51.488	2
62	MP1C	Z	29.727	2
63	MP1C	Mx	0	2
64	MP2A	X	-31.304	2
65	MP2A	Z	18.073	2
66	MP2A	Mx	-.016	2
67	MP2B	X	-28.298	2
68	MP2B	Z	16.338	2
69	MP2B	Mx	.016	2
70	MP2C	X	-41.56	2
71	MP2C	Z	23.995	2
72	MP2C	Mx	0	2
73	MP3A	X	-38.175	2
74	MP3A	Z	22.04	2
75	MP3A	Mx	-.019	2
76	MP3B	X	-34.668	2
77	MP3B	Z	20.015	2
78	MP3B	Mx	.02	2
79	MP3C	X	-50.14	2
80	MP3C	Z	28.949	2
81	MP3C	Mx	0	2
82	OVP1	X	-76.578	1
83	OVP1	Z	44.212	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-55.274	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.028	.5
4	MP2A	X	-55.274	4.5
5	MP2A	Z	0	4.5
6	MP2A	Mx	.028	4.5
7	MP2B	X	-62.951	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.051	.5
10	MP2B	X	-62.951	4.5
11	MP2B	Z	0	4.5
12	MP2B	Mx	-.051	4.5
13	MP2C	X	-69.209	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.023	.5
16	MP2C	X	-69.209	4.5
17	MP2C	Z	0	4.5
18	MP2C	Mx	.023	4.5
19	MP2A	X	-55.274	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.028	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	-55.274	4.5
23	MP2A	Z	0	4.5
24	MP2A	Mx	.028	4.5
25	MP2B	X	-62.951	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	-62.951	4.5
29	MP2B	Z	0	4.5
30	MP2B	Mx	.003	4.5
31	MP2C	X	-69.209	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.057	.5
34	MP2C	X	-69.209	4.5
35	MP2C	Z	0	4.5
36	MP2C	Mx	-.057	4.5
37	MP4A	X	-23.368	3.75
38	MP4A	Z	0	3.75
39	MP4A	Mx	.012	3.75
40	MP4B	X	-33.285	3.75
41	MP4B	Z	0	3.75
42	MP4B	Mx	-.013	3.75
43	MP4C	X	-41.37	3.75
44	MP4C	Z	0	3.75
45	MP4C	Mx	-.01	3.75
46	MP1A	X	-22.899	.5
47	MP1A	Z	0	.5
48	MP1A	Mx	.011	.5
49	MP1A	X	-22.899	2
50	MP1A	Z	0	2
51	MP1A	Mx	.011	2
52	MP1B	X	-38.002	.5
53	MP1B	Z	0	.5
54	MP1B	Mx	-.015	.5
55	MP1B	X	-38.002	2
56	MP1B	Z	0	2
57	MP1B	Mx	-.015	2
58	MP1C	X	-50.315	.5
59	MP1C	Z	0	.5
60	MP1C	Mx	-.013	.5
61	MP1C	X	-50.315	2
62	MP1C	Z	0	2
63	MP1C	Mx	-.013	2
64	MP2A	X	-32.199	2
65	MP2A	Z	0	2
66	MP2A	Mx	-.016	2
67	MP2B	X	-38.724	2
68	MP2B	Z	0	2
69	MP2B	Mx	.015	2
70	MP2C	X	-44.042	2
71	MP2C	Z	0	2
72	MP2C	Mx	.011	2
73	MP3A	X	-39.475	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.02	2
76	MP3B	X	-47.087	2
77	MP3B	Z	0	2
78	MP3B	Mx	.018	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3C	X	-53.292	2
80	MP3C	Z	0	2
81	MP3C	Mx	.013	2
82	OVP1	X	-77.369	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-51.891	.5
2	MP2A	Z	-29.959	.5
3	MP2A	Mx	.046	.5
4	MP2A	X	-51.891	4.5
5	MP2A	Z	-29.959	4.5
6	MP2A	Mx	.046	4.5
7	MP2B	X	-62.077	.5
8	MP2B	Z	-35.84	.5
9	MP2B	Mx	-.057	.5
10	MP2B	X	-62.077	4.5
11	MP2B	Z	-35.84	4.5
12	MP2B	Mx	-.057	4.5
13	MP2C	X	-51.891	.5
14	MP2C	Z	-29.959	.5
15	MP2C	Mx	-.006	.5
16	MP2C	X	-51.891	4.5
17	MP2C	Z	-29.959	4.5
18	MP2C	Mx	-.006	4.5
19	MP2A	X	-51.891	.5
20	MP2A	Z	-29.959	.5
21	MP2A	Mx	.006	.5
22	MP2A	X	-51.891	4.5
23	MP2A	Z	-29.959	4.5
24	MP2A	Mx	.006	4.5
25	MP2B	X	-62.077	.5
26	MP2B	Z	-35.84	.5
27	MP2B	Mx	.033	.5
28	MP2B	X	-62.077	4.5
29	MP2B	Z	-35.84	4.5
30	MP2B	Mx	.033	4.5
31	MP2C	X	-51.891	.5
32	MP2C	Z	-29.959	.5
33	MP2C	Mx	-.046	.5
34	MP2C	X	-51.891	4.5
35	MP2C	Z	-29.959	4.5
36	MP2C	Mx	-.046	4.5
37	MP4A	X	-25.434	3.75
38	MP4A	Z	-14.684	3.75
39	MP4A	Mx	.013	3.75
40	MP4B	X	-38.592	3.75
41	MP4B	Z	-22.281	3.75
42	MP4B	Mx	-.008	3.75
43	MP4C	X	-25.434	3.75
44	MP4C	Z	-14.684	3.75
45	MP4C	Mx	-.013	3.75
46	MP1A	X	-27.745	.5
47	MP1A	Z	-16.019	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1A	Mx	.014	.5
49	MP1A	X	-27.745	2
50	MP1A	Z	-16.019	2
51	MP1A	Mx	.014	2
52	MP1B	X	-47.785	.5
53	MP1B	Z	-27.589	.5
54	MP1B	Mx	-.009	.5
55	MP1B	X	-47.785	2
56	MP1B	Z	-27.589	2
57	MP1B	Mx	-.009	2
58	MP1C	X	-27.745	.5
59	MP1C	Z	-16.019	.5
60	MP1C	Mx	-.014	.5
61	MP1C	X	-27.745	2
62	MP1C	Z	-16.019	2
63	MP1C	Mx	-.014	2
64	MP2A	X	-31.304	2
65	MP2A	Z	-18.073	2
66	MP2A	Mx	-.016	2
67	MP2B	X	-39.961	2
68	MP2B	Z	-23.071	2
69	MP2B	Mx	.008	2
70	MP2C	X	-31.304	2
71	MP2C	Z	-18.073	2
72	MP2C	Mx	.016	2
73	MP3A	X	-38.175	2
74	MP3A	Z	-22.04	2
75	MP3A	Mx	-.019	2
76	MP3B	X	-48.274	2
77	MP3B	Z	-27.871	2
78	MP3B	Mx	.01	2
79	MP3C	X	-38.175	2
80	MP3C	Z	-22.04	2
81	MP3C	Mx	.019	2
82	OVP1	X	-65.234	1
83	OVP1	Z	-37.663	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-34.605	.5
2	MP2A	Z	-59.937	.5
3	MP2A	Mx	.057	.5
4	MP2A	X	-34.605	4.5
5	MP2A	Z	-59.937	4.5
6	MP2A	Mx	.057	4.5
7	MP2B	X	-36.647	.5
8	MP2B	Z	-63.474	.5
9	MP2B	Mx	-.042	.5
10	MP2B	X	-36.647	4.5
11	MP2B	Z	-63.474	4.5
12	MP2B	Mx	-.042	4.5
13	MP2C	X	-27.637	.5
14	MP2C	Z	-47.868	.5
15	MP2C	Mx	-.028	.5
16	MP2C	X	-27.637	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	-47.868	4.5
18	MP2C	Mx	-.028	4.5
19	MP2A	X	-34.605	.5
20	MP2A	Z	-59.937	.5
21	MP2A	Mx	-.023	.5
22	MP2A	X	-34.605	4.5
23	MP2A	Z	-59.937	4.5
24	MP2A	Mx	-.023	4.5
25	MP2B	X	-36.647	.5
26	MP2B	Z	-63.474	.5
27	MP2B	Mx	.054	.5
28	MP2B	X	-36.647	4.5
29	MP2B	Z	-63.474	4.5
30	MP2B	Mx	.054	4.5
31	MP2C	X	-27.637	.5
32	MP2C	Z	-47.868	.5
33	MP2C	Mx	-.028	.5
34	MP2C	X	-27.637	4.5
35	MP2C	Z	-47.868	4.5
36	MP2C	Mx	-.028	4.5
37	MP4A	X	-20.685	3.75
38	MP4A	Z	-35.827	3.75
39	MP4A	Mx	.01	3.75
40	MP4B	X	-23.323	3.75
41	MP4B	Z	-40.397	3.75
42	MP4B	Mx	.004	3.75
43	MP4C	X	-11.684	3.75
44	MP4C	Z	-20.237	3.75
45	MP4C	Mx	-.012	3.75
46	MP1A	X	-25.157	.5
47	MP1A	Z	-43.574	.5
48	MP1A	Mx	.013	.5
49	MP1A	X	-25.157	2
50	MP1A	Z	-43.574	2
51	MP1A	Mx	.013	2
52	MP1B	X	-29.176	.5
53	MP1B	Z	-50.534	.5
54	MP1B	Mx	.005	.5
55	MP1B	X	-29.176	2
56	MP1B	Z	-50.534	2
57	MP1B	Mx	.005	2
58	MP1C	X	-11.449	.5
59	MP1C	Z	-19.831	.5
60	MP1C	Mx	-.011	.5
61	MP1C	X	-11.449	2
62	MP1C	Z	-19.831	2
63	MP1C	Mx	-.011	2
64	MP2A	X	-22.021	2
65	MP2A	Z	-38.142	2
66	MP2A	Mx	-.011	2
67	MP2B	X	-23.757	2
68	MP2B	Z	-41.148	2
69	MP2B	Mx	-.004	2
70	MP2C	X	-16.1	2
71	MP2C	Z	-27.886	2
72	MP2C	Mx	.016	2
73	MP3A	X	-26.646	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3A	Z	-46.152	2
75	MP3A	Mx	-.013	2
76	MP3B	X	-28.671	2
77	MP3B	Z	-49.659	2
78	MP3B	Mx	-.005	2
79	MP3C	X	-19.738	2
80	MP3C	Z	-34.187	2
81	MP3C	Mx	.02	2
82	OVP1	X	-42.169	1
83	OVP1	Z	-73.039	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-26.754	.5
3	MP2A	Mx	.018	.5
4	MP2A	X	0	4.5
5	MP2A	Z	-26.754	4.5
6	MP2A	Mx	.018	4.5
7	MP2B	X	0	.5
8	MP2B	Z	-24.053	.5
9	MP2B	Mx	-.005	.5
10	MP2B	X	0	4.5
11	MP2B	Z	-24.053	4.5
12	MP2B	Mx	-.005	4.5
13	MP2C	X	0	.5
14	MP2C	Z	-21.852	.5
15	MP2C	Mx	-.017	.5
16	MP2C	X	0	4.5
17	MP2C	Z	-21.852	4.5
18	MP2C	Mx	-.017	4.5
19	MP2A	X	0	.5
20	MP2A	Z	-26.754	.5
21	MP2A	Mx	-.018	.5
22	MP2A	X	0	4.5
23	MP2A	Z	-26.754	4.5
24	MP2A	Mx	-.018	4.5
25	MP2B	X	0	.5
26	MP2B	Z	-24.053	.5
27	MP2B	Mx	.02	.5
28	MP2B	X	0	4.5
29	MP2B	Z	-24.053	4.5
30	MP2B	Mx	.02	4.5
31	MP2C	X	0	.5
32	MP2C	Z	-21.852	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	0	4.5
35	MP2C	Z	-21.852	4.5
36	MP2C	Mx	-.002	4.5
37	MP4A	X	0	3.75
38	MP4A	Z	-9.178	3.75
39	MP4A	Mx	0	3.75
40	MP4B	X	0	3.75
41	MP4B	Z	-7.42	3.75
42	MP4B	Mx	.002	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP4C	X	0	3.75
44	MP4C	Z	-5.987	3.75
45	MP4C	Mx	-.003	3.75
46	MP1A	X	0	.5
47	MP1A	Z	-10.796	.5
48	MP1A	Mx	0	.5
49	MP1A	X	0	2
50	MP1A	Z	-10.796	2
51	MP1A	Mx	0	2
52	MP1B	X	0	.5
53	MP1B	Z	-8.209	.5
54	MP1B	Mx	.003	.5
55	MP1B	X	0	2
56	MP1B	Z	-8.209	2
57	MP1B	Mx	.003	2
58	MP1C	X	0	.5
59	MP1C	Z	-6.1	.5
60	MP1C	Mx	-.003	.5
61	MP1C	X	0	2
62	MP1C	Z	-6.1	2
63	MP1C	Mx	-.003	2
64	MP2A	X	0	2
65	MP2A	Z	-10.967	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	-9.58	2
69	MP2B	Mx	-.003	2
70	MP2C	X	0	2
71	MP2C	Z	-8.449	2
72	MP2C	Mx	.004	2
73	MP3A	X	0	2
74	MP3A	Z	-10.967	2
75	MP3A	Mx	0	2
76	MP3B	X	0	2
77	MP3B	Z	-9.636	2
78	MP3B	Mx	-.003	2
79	MP3C	X	0	2
80	MP3C	Z	-8.55	2
81	MP3C	Mx	.004	2
82	OVP1	X	0	1
83	OVP1	Z	-22.028	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.56	.5
2	MP2A	Z	-21.755	.5
3	MP2A	Mx	.008	.5
4	MP2A	X	12.56	4.5
5	MP2A	Z	-21.755	4.5
6	MP2A	Mx	.008	4.5
7	MP2B	X	10.491	.5
8	MP2B	Z	-18.171	.5
9	MP2B	Mx	.005	.5
10	MP2B	X	10.491	4.5
11	MP2B	Z	-18.171	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.005	4.5
13	MP2C	X	12.56	.5
14	MP2C	Z	-21.755	.5
15	MP2C	Mx	-.021	.5
16	MP2C	X	12.56	4.5
17	MP2C	Z	-21.755	4.5
18	MP2C	Mx	-.021	4.5
19	MP2A	X	12.56	.5
20	MP2A	Z	-21.755	.5
21	MP2A	Mx	-.021	.5
22	MP2A	X	12.56	4.5
23	MP2A	Z	-21.755	4.5
24	MP2A	Mx	-.021	4.5
25	MP2B	X	10.491	.5
26	MP2B	Z	-18.171	.5
27	MP2B	Mx	.015	.5
28	MP2B	X	10.491	4.5
29	MP2B	Z	-18.171	4.5
30	MP2B	Mx	.015	4.5
31	MP2C	X	12.56	.5
32	MP2C	Z	-21.755	.5
33	MP2C	Mx	.008	.5
34	MP2C	X	12.56	4.5
35	MP2C	Z	-21.755	4.5
36	MP2C	Mx	.008	4.5
37	MP4A	X	4.057	3.75
38	MP4A	Z	-7.027	3.75
39	MP4A	Mx	-.002	3.75
40	MP4B	X	2.711	3.75
41	MP4B	Z	-4.695	3.75
42	MP4B	Mx	.003	3.75
43	MP4C	X	4.057	3.75
44	MP4C	Z	-7.027	3.75
45	MP4C	Mx	-.002	3.75
46	MP1A	X	4.615	.5
47	MP1A	Z	-7.994	.5
48	MP1A	Mx	-.002	.5
49	MP1A	X	4.615	2
50	MP1A	Z	-7.994	2
51	MP1A	Mx	-.002	2
52	MP1B	X	2.634	.5
53	MP1B	Z	-4.562	.5
54	MP1B	Mx	.002	.5
55	MP1B	X	2.634	2
56	MP1B	Z	-4.562	2
57	MP1B	Mx	.002	2
58	MP1C	X	4.615	.5
59	MP1C	Z	-7.994	.5
60	MP1C	Mx	-.002	.5
61	MP1C	X	4.615	2
62	MP1C	Z	-7.994	2
63	MP1C	Mx	-.002	2
64	MP2A	X	5.064	2
65	MP2A	Z	-8.771	2
66	MP2A	Mx	.003	2
67	MP2B	X	4.001	2
68	MP2B	Z	-6.931	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	-.004	2
70	MP2C	X	5.064	2
71	MP2C	Z	-8.771	2
72	MP2C	Mx	.003	2
73	MP3A	X	5.081	2
74	MP3A	Z	-8.8	2
75	MP3A	Mx	.003	2
76	MP3B	X	4.061	2
77	MP3B	Z	-7.033	2
78	MP3B	Mx	-.004	2
79	MP3C	X	5.081	2
80	MP3C	Z	-8.8	2
81	MP3C	Mx	.003	2
82	OVP1	X	11.229	1
83	OVP1	Z	-19.45	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	18.924	.5
2	MP2A	Z	-10.926	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	18.924	4.5
5	MP2A	Z	-10.926	4.5
6	MP2A	Mx	-.002	4.5
7	MP2B	X	17.68	.5
8	MP2B	Z	-10.208	.5
9	MP2B	Mx	.012	.5
10	MP2B	X	17.68	4.5
11	MP2B	Z	-10.208	4.5
12	MP2B	Mx	.012	4.5
13	MP2C	X	23.17	.5
14	MP2C	Z	-13.377	.5
15	MP2C	Mx	-.018	.5
16	MP2C	X	23.17	4.5
17	MP2C	Z	-13.377	4.5
18	MP2C	Mx	-.018	4.5
19	MP2A	X	18.924	.5
20	MP2A	Z	-10.926	.5
21	MP2A	Mx	-.017	.5
22	MP2A	X	18.924	4.5
23	MP2A	Z	-10.926	4.5
24	MP2A	Mx	-.017	4.5
25	MP2B	X	17.68	.5
26	MP2B	Z	-10.208	.5
27	MP2B	Mx	.008	.5
28	MP2B	X	17.68	4.5
29	MP2B	Z	-10.208	4.5
30	MP2B	Mx	.008	4.5
31	MP2C	X	23.17	.5
32	MP2C	Z	-13.377	.5
33	MP2C	Mx	.018	.5
34	MP2C	X	23.17	4.5
35	MP2C	Z	-13.377	4.5
36	MP2C	Mx	.018	4.5
37	MP4A	X	5.185	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP4A	Z	-2.994	3.75
39	MP4A	Mx	-.003	3.75
40	MP4B	X	4.375	3.75
41	MP4B	Z	-2.526	3.75
42	MP4B	Mx	.002	3.75
43	MP4C	X	7.948	3.75
44	MP4C	Z	-4.589	3.75
45	MP4C	Mx	0	3.75
46	MP1A	X	5.283	.5
47	MP1A	Z	-3.05	.5
48	MP1A	Mx	-.003	.5
49	MP1A	X	5.283	2
50	MP1A	Z	-3.05	2
51	MP1A	Mx	-.003	2
52	MP1B	X	4.091	.5
53	MP1B	Z	-2.362	.5
54	MP1B	Mx	.002	.5
55	MP1B	X	4.091	2
56	MP1B	Z	-2.362	2
57	MP1B	Mx	.002	2
58	MP1C	X	9.35	.5
59	MP1C	Z	-5.398	.5
60	MP1C	Mx	0	.5
61	MP1C	X	9.35	2
62	MP1C	Z	-5.398	2
63	MP1C	Mx	0	2
64	MP2A	X	7.317	2
65	MP2A	Z	-4.225	2
66	MP2A	Mx	.004	2
67	MP2B	X	6.678	2
68	MP2B	Z	-3.856	2
69	MP2B	Mx	-.004	2
70	MP2C	X	9.498	2
71	MP2C	Z	-5.484	2
72	MP2C	Mx	0	2
73	MP3A	X	7.405	2
74	MP3A	Z	-4.275	2
75	MP3A	Mx	.004	2
76	MP3B	X	6.791	2
77	MP3B	Z	-3.921	2
78	MP3B	Mx	-.004	2
79	MP3C	X	9.498	2
80	MP3C	Z	-5.484	2
81	MP3C	Mx	0	2
82	OVP1	X	17.807	1
83	OVP1	Z	-10.281	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	20.218	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.01	.5
4	MP2A	X	20.218	4.5
5	MP2A	Z	0	4.5
6	MP2A	Mx	-.01	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2B	X	22.919	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.019	.5
10	MP2B	X	22.919	4.5
11	MP2B	Z	0	4.5
12	MP2B	Mx	.019	4.5
13	MP2C	X	25.12	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.008	.5
16	MP2C	X	25.12	4.5
17	MP2C	Z	0	4.5
18	MP2C	Mx	-.008	4.5
19	MP2A	X	20.218	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.01	.5
22	MP2A	X	20.218	4.5
23	MP2A	Z	0	4.5
24	MP2A	Mx	-.01	4.5
25	MP2B	X	22.919	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.001	.5
28	MP2B	X	22.919	4.5
29	MP2B	Z	0	4.5
30	MP2B	Mx	-.001	4.5
31	MP2C	X	25.12	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.021	.5
34	MP2C	X	25.12	4.5
35	MP2C	Z	0	4.5
36	MP2C	Mx	.021	4.5
37	MP4A	X	4.924	3.75
38	MP4A	Z	0	3.75
39	MP4A	Mx	-.002	3.75
40	MP4B	X	6.681	3.75
41	MP4B	Z	0	3.75
42	MP4B	Mx	.003	3.75
43	MP4C	X	8.114	3.75
44	MP4C	Z	0	3.75
45	MP4C	Mx	.002	3.75
46	MP1A	X	4.535	.5
47	MP1A	Z	0	.5
48	MP1A	Mx	-.002	.5
49	MP1A	X	4.535	2
50	MP1A	Z	0	2
51	MP1A	Mx	-.002	2
52	MP1B	X	7.122	.5
53	MP1B	Z	0	.5
54	MP1B	Mx	.003	.5
55	MP1B	X	7.122	2
56	MP1B	Z	0	2
57	MP1B	Mx	.003	2
58	MP1C	X	9.231	.5
59	MP1C	Z	0	.5
60	MP1C	Mx	.002	.5
61	MP1C	X	9.231	2
62	MP1C	Z	0	2
63	MP1C	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2A	X	7.61	2
65	MP2A	Z	0	2
66	MP2A	Mx	.004	2
67	MP2B	X	8.997	2
68	MP2B	Z	0	2
69	MP2B	Mx	-.003	2
70	MP2C	X	10.128	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.003	2
73	MP3A	X	7.744	2
74	MP3A	Z	0	2
75	MP3A	Mx	.004	2
76	MP3B	X	9.076	2
77	MP3B	Z	0	2
78	MP3B	Mx	-.003	2
79	MP3C	X	10.162	2
80	MP3C	Z	0	2
81	MP3C	Mx	-.003	2
82	OVP1	X	18.234	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	18.924	.5
2	MP2A	Z	10.926	.5
3	MP2A	Mx	-.017	.5
4	MP2A	X	18.924	4.5
5	MP2A	Z	10.926	4.5
6	MP2A	Mx	-.017	4.5
7	MP2B	X	22.508	.5
8	MP2B	Z	12.995	.5
9	MP2B	Mx	.021	.5
10	MP2B	X	22.508	4.5
11	MP2B	Z	12.995	4.5
12	MP2B	Mx	.021	4.5
13	MP2C	X	18.924	.5
14	MP2C	Z	10.926	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	18.924	4.5
17	MP2C	Z	10.926	4.5
18	MP2C	Mx	.002	4.5
19	MP2A	X	18.924	.5
20	MP2A	Z	10.926	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	18.924	4.5
23	MP2A	Z	10.926	4.5
24	MP2A	Mx	-.002	4.5
25	MP2B	X	22.508	.5
26	MP2B	Z	12.995	.5
27	MP2B	Mx	-.012	.5
28	MP2B	X	22.508	4.5
29	MP2B	Z	12.995	4.5
30	MP2B	Mx	-.012	4.5
31	MP2C	X	18.924	.5
32	MP2C	Z	10.926	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	.017	.5
34	MP2C	X	18.924	4.5
35	MP2C	Z	10.926	4.5
36	MP2C	Mx	.017	4.5
37	MP4A	X	5.185	3.75
38	MP4A	Z	2.994	3.75
39	MP4A	Mx	-.003	3.75
40	MP4B	X	7.517	3.75
41	MP4B	Z	4.34	3.75
42	MP4B	Mx	.001	3.75
43	MP4C	X	5.185	3.75
44	MP4C	Z	2.994	3.75
45	MP4C	Mx	.003	3.75
46	MP1A	X	5.283	.5
47	MP1A	Z	3.05	.5
48	MP1A	Mx	-.003	.5
49	MP1A	X	5.283	2
50	MP1A	Z	3.05	2
51	MP1A	Mx	-.003	2
52	MP1B	X	8.715	.5
53	MP1B	Z	5.032	.5
54	MP1B	Mx	.002	.5
55	MP1B	X	8.715	2
56	MP1B	Z	5.032	2
57	MP1B	Mx	.002	2
58	MP1C	X	5.283	.5
59	MP1C	Z	3.05	.5
60	MP1C	Mx	.003	.5
61	MP1C	X	5.283	2
62	MP1C	Z	3.05	2
63	MP1C	Mx	.003	2
64	MP2A	X	7.317	2
65	MP2A	Z	4.225	2
66	MP2A	Mx	.004	2
67	MP2B	X	9.158	2
68	MP2B	Z	5.287	2
69	MP2B	Mx	-.002	2
70	MP2C	X	7.317	2
71	MP2C	Z	4.225	2
72	MP2C	Mx	-.004	2
73	MP3A	X	7.405	2
74	MP3A	Z	4.275	2
75	MP3A	Mx	.004	2
76	MP3B	X	9.171	2
77	MP3B	Z	5.295	2
78	MP3B	Mx	-.002	2
79	MP3C	X	7.405	2
80	MP3C	Z	4.275	2
81	MP3C	Mx	-.004	2
82	OVP1	X	15.419	1
83	OVP1	Z	8.902	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	12.56	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	21.755	.5
3	MP2A	Mx	-.021	.5
4	MP2A	X	12.56	4.5
5	MP2A	Z	21.755	4.5
6	MP2A	Mx	-.021	4.5
7	MP2B	X	13.278	.5
8	MP2B	Z	22.999	.5
9	MP2B	Mx	.015	.5
10	MP2B	X	13.278	4.5
11	MP2B	Z	22.999	4.5
12	MP2B	Mx	.015	4.5
13	MP2C	X	10.109	.5
14	MP2C	Z	17.509	.5
15	MP2C	Mx	.01	.5
16	MP2C	X	10.109	4.5
17	MP2C	Z	17.509	4.5
18	MP2C	Mx	.01	4.5
19	MP2A	X	12.56	.5
20	MP2A	Z	21.755	.5
21	MP2A	Mx	.008	.5
22	MP2A	X	12.56	4.5
23	MP2A	Z	21.755	4.5
24	MP2A	Mx	.008	4.5
25	MP2B	X	13.278	.5
26	MP2B	Z	22.999	.5
27	MP2B	Mx	-.02	.5
28	MP2B	X	13.278	4.5
29	MP2B	Z	22.999	4.5
30	MP2B	Mx	-.02	4.5
31	MP2C	X	10.109	.5
32	MP2C	Z	17.509	.5
33	MP2C	Mx	.01	.5
34	MP2C	X	10.109	4.5
35	MP2C	Z	17.509	4.5
36	MP2C	Mx	.01	4.5
37	MP4A	X	4.057	3.75
38	MP4A	Z	7.027	3.75
39	MP4A	Mx	-.002	3.75
40	MP4B	X	4.525	3.75
41	MP4B	Z	7.837	3.75
42	MP4B	Mx	-.000786	3.75
43	MP4C	X	2.462	3.75
44	MP4C	Z	4.264	3.75
45	MP4C	Mx	.002	3.75
46	MP1A	X	4.615	.5
47	MP1A	Z	7.994	.5
48	MP1A	Mx	-.002	.5
49	MP1A	X	4.615	2
50	MP1A	Z	7.994	2
51	MP1A	Mx	-.002	2
52	MP1B	X	5.304	.5
53	MP1B	Z	9.186	.5
54	MP1B	Mx	-.000921	.5
55	MP1B	X	5.304	2
56	MP1B	Z	9.186	2
57	MP1B	Mx	-.000921	2
58	MP1C	X	2.267	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1C	Z	3.927	.5
60	MP1C	Mx	.002	.5
61	MP1C	X	2.267	2
62	MP1C	Z	3.927	2
63	MP1C	Mx	.002	2
64	MP2A	X	5.064	2
65	MP2A	Z	8.771	2
66	MP2A	Mx	.003	2
67	MP2B	X	5.433	2
68	MP2B	Z	9.41	2
69	MP2B	Mx	.000943	2
70	MP2C	X	3.805	2
71	MP2C	Z	6.591	2
72	MP2C	Mx	-.004	2
73	MP3A	X	5.081	2
74	MP3A	Z	8.8	2
75	MP3A	Mx	.003	2
76	MP3B	X	5.435	2
77	MP3B	Z	9.414	2
78	MP3B	Mx	.000944	2
79	MP3C	X	3.872	2
80	MP3C	Z	6.707	2
81	MP3C	Mx	-.004	2
82	OVP1	X	9.851	1
83	OVP1	Z	17.062	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	26.754	.5
3	MP2A	Mx	-.018	.5
4	MP2A	X	0	4.5
5	MP2A	Z	26.754	4.5
6	MP2A	Mx	-.018	4.5
7	MP2B	X	0	.5
8	MP2B	Z	24.053	.5
9	MP2B	Mx	.005	.5
10	MP2B	X	0	4.5
11	MP2B	Z	24.053	4.5
12	MP2B	Mx	.005	4.5
13	MP2C	X	0	.5
14	MP2C	Z	21.852	.5
15	MP2C	Mx	.017	.5
16	MP2C	X	0	4.5
17	MP2C	Z	21.852	4.5
18	MP2C	Mx	.017	4.5
19	MP2A	X	0	.5
20	MP2A	Z	26.754	.5
21	MP2A	Mx	.018	.5
22	MP2A	X	0	4.5
23	MP2A	Z	26.754	4.5
24	MP2A	Mx	.018	4.5
25	MP2B	X	0	.5
26	MP2B	Z	24.053	.5
27	MP2B	Mx	-.02	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	0	4.5
29	MP2B	Z	24.053	4.5
30	MP2B	Mx	-.02	4.5
31	MP2C	X	0	.5
32	MP2C	Z	21.852	.5
33	MP2C	Mx	.002	.5
34	MP2C	X	0	4.5
35	MP2C	Z	21.852	4.5
36	MP2C	Mx	.002	4.5
37	MP4A	X	0	3.75
38	MP4A	Z	9.178	3.75
39	MP4A	Mx	0	3.75
40	MP4B	X	0	3.75
41	MP4B	Z	7.42	3.75
42	MP4B	Mx	-.002	3.75
43	MP4C	X	0	3.75
44	MP4C	Z	5.987	3.75
45	MP4C	Mx	.003	3.75
46	MP1A	X	0	.5
47	MP1A	Z	10.796	.5
48	MP1A	Mx	0	.5
49	MP1A	X	0	2
50	MP1A	Z	10.796	2
51	MP1A	Mx	0	2
52	MP1B	X	0	.5
53	MP1B	Z	8.209	.5
54	MP1B	Mx	-.003	.5
55	MP1B	X	0	2
56	MP1B	Z	8.209	2
57	MP1B	Mx	-.003	2
58	MP1C	X	0	.5
59	MP1C	Z	6.1	.5
60	MP1C	Mx	.003	.5
61	MP1C	X	0	2
62	MP1C	Z	6.1	2
63	MP1C	Mx	.003	2
64	MP2A	X	0	2
65	MP2A	Z	10.967	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	9.58	2
69	MP2B	Mx	.003	2
70	MP2C	X	0	2
71	MP2C	Z	8.449	2
72	MP2C	Mx	-.004	2
73	MP3A	X	0	2
74	MP3A	Z	10.967	2
75	MP3A	Mx	0	2
76	MP3B	X	0	2
77	MP3B	Z	9.636	2
78	MP3B	Mx	.003	2
79	MP3C	X	0	2
80	MP3C	Z	8.55	2
81	MP3C	Mx	-.004	2
82	OVP1	X	0	1
83	OVP1	Z	22.028	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.56	.5
2	MP2A	Z	21.755	.5
3	MP2A	Mx	-.008	.5
4	MP2A	X	-12.56	4.5
5	MP2A	Z	21.755	4.5
6	MP2A	Mx	-.008	4.5
7	MP2B	X	-10.491	.5
8	MP2B	Z	18.171	.5
9	MP2B	Mx	-.005	.5
10	MP2B	X	-10.491	4.5
11	MP2B	Z	18.171	4.5
12	MP2B	Mx	-.005	4.5
13	MP2C	X	-12.56	.5
14	MP2C	Z	21.755	.5
15	MP2C	Mx	.021	.5
16	MP2C	X	-12.56	4.5
17	MP2C	Z	21.755	4.5
18	MP2C	Mx	.021	4.5
19	MP2A	X	-12.56	.5
20	MP2A	Z	21.755	.5
21	MP2A	Mx	.021	.5
22	MP2A	X	-12.56	4.5
23	MP2A	Z	21.755	4.5
24	MP2A	Mx	.021	4.5
25	MP2B	X	-10.491	.5
26	MP2B	Z	18.171	.5
27	MP2B	Mx	-.015	.5
28	MP2B	X	-10.491	4.5
29	MP2B	Z	18.171	4.5
30	MP2B	Mx	-.015	4.5
31	MP2C	X	-12.56	.5
32	MP2C	Z	21.755	.5
33	MP2C	Mx	-.008	.5
34	MP2C	X	-12.56	4.5
35	MP2C	Z	21.755	4.5
36	MP2C	Mx	-.008	4.5
37	MP4A	X	-4.057	3.75
38	MP4A	Z	7.027	3.75
39	MP4A	Mx	.002	3.75
40	MP4B	X	-2.711	3.75
41	MP4B	Z	4.695	3.75
42	MP4B	Mx	-.003	3.75
43	MP4C	X	-4.057	3.75
44	MP4C	Z	7.027	3.75
45	MP4C	Mx	.002	3.75
46	MP1A	X	-4.615	.5
47	MP1A	Z	7.994	.5
48	MP1A	Mx	.002	.5
49	MP1A	X	-4.615	2
50	MP1A	Z	7.994	2
51	MP1A	Mx	.002	2
52	MP1B	X	-2.634	.5
53	MP1B	Z	4.562	.5
54	MP1B	Mx	-.002	.5
55	MP1B	X	-2.634	2
56	MP1B	Z	4.562	2
57	MP1B	Mx	-.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1C	X	-4.615	.5
59	MP1C	Z	7.994	.5
60	MP1C	Mx	.002	.5
61	MP1C	X	-4.615	2
62	MP1C	Z	7.994	2
63	MP1C	Mx	.002	2
64	MP2A	X	-5.064	2
65	MP2A	Z	8.771	2
66	MP2A	Mx	-.003	2
67	MP2B	X	-4.001	2
68	MP2B	Z	6.931	2
69	MP2B	Mx	.004	2
70	MP2C	X	-5.064	2
71	MP2C	Z	8.771	2
72	MP2C	Mx	-.003	2
73	MP3A	X	-5.081	2
74	MP3A	Z	8.8	2
75	MP3A	Mx	-.003	2
76	MP3B	X	-4.061	2
77	MP3B	Z	7.033	2
78	MP3B	Mx	.004	2
79	MP3C	X	-5.081	2
80	MP3C	Z	8.8	2
81	MP3C	Mx	-.003	2
82	OVP1	X	-11.229	1
83	OVP1	Z	19.45	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.924	.5
2	MP2A	Z	10.926	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	-18.924	4.5
5	MP2A	Z	10.926	4.5
6	MP2A	Mx	.002	4.5
7	MP2B	X	-17.68	.5
8	MP2B	Z	10.208	.5
9	MP2B	Mx	-.012	.5
10	MP2B	X	-17.68	4.5
11	MP2B	Z	10.208	4.5
12	MP2B	Mx	-.012	4.5
13	MP2C	X	-23.17	.5
14	MP2C	Z	13.377	.5
15	MP2C	Mx	.018	.5
16	MP2C	X	-23.17	4.5
17	MP2C	Z	13.377	4.5
18	MP2C	Mx	.018	4.5
19	MP2A	X	-18.924	.5
20	MP2A	Z	10.926	.5
21	MP2A	Mx	.017	.5
22	MP2A	X	-18.924	4.5
23	MP2A	Z	10.926	4.5
24	MP2A	Mx	.017	4.5
25	MP2B	X	-17.68	.5
26	MP2B	Z	10.208	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	-.008	.5
28	MP2B	X	-17.68	4.5
29	MP2B	Z	10.208	4.5
30	MP2B	Mx	-.008	4.5
31	MP2C	X	-23.17	.5
32	MP2C	Z	13.377	.5
33	MP2C	Mx	-.018	.5
34	MP2C	X	-23.17	4.5
35	MP2C	Z	13.377	4.5
36	MP2C	Mx	-.018	4.5
37	MP4A	X	-5.185	3.75
38	MP4A	Z	2.994	3.75
39	MP4A	Mx	.003	3.75
40	MP4B	X	-4.375	3.75
41	MP4B	Z	2.526	3.75
42	MP4B	Mx	-.002	3.75
43	MP4C	X	-7.948	3.75
44	MP4C	Z	4.589	3.75
45	MP4C	Mx	0	3.75
46	MP1A	X	-5.283	.5
47	MP1A	Z	3.05	.5
48	MP1A	Mx	.003	.5
49	MP1A	X	-5.283	2
50	MP1A	Z	3.05	2
51	MP1A	Mx	.003	2
52	MP1B	X	-4.091	.5
53	MP1B	Z	2.362	.5
54	MP1B	Mx	-.002	.5
55	MP1B	X	-4.091	2
56	MP1B	Z	2.362	2
57	MP1B	Mx	-.002	2
58	MP1C	X	-9.35	.5
59	MP1C	Z	5.398	.5
60	MP1C	Mx	0	.5
61	MP1C	X	-9.35	2
62	MP1C	Z	5.398	2
63	MP1C	Mx	0	2
64	MP2A	X	-7.317	2
65	MP2A	Z	4.225	2
66	MP2A	Mx	-.004	2
67	MP2B	X	-6.678	2
68	MP2B	Z	3.856	2
69	MP2B	Mx	.004	2
70	MP2C	X	-9.498	2
71	MP2C	Z	5.484	2
72	MP2C	Mx	0	2
73	MP3A	X	-7.405	2
74	MP3A	Z	4.275	2
75	MP3A	Mx	-.004	2
76	MP3B	X	-6.791	2
77	MP3B	Z	3.921	2
78	MP3B	Mx	.004	2
79	MP3C	X	-9.498	2
80	MP3C	Z	5.484	2
81	MP3C	Mx	0	2
82	OVP1	X	-17.807	1
83	OVP1	Z	10.281	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-20.218	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.01	.5
4	MP2A	X	-20.218	4.5
5	MP2A	Z	0	4.5
6	MP2A	Mx	.01	4.5
7	MP2B	X	-22.919	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.019	.5
10	MP2B	X	-22.919	4.5
11	MP2B	Z	0	4.5
12	MP2B	Mx	-.019	4.5
13	MP2C	X	-25.12	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.008	.5
16	MP2C	X	-25.12	4.5
17	MP2C	Z	0	4.5
18	MP2C	Mx	.008	4.5
19	MP2A	X	-20.218	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.01	.5
22	MP2A	X	-20.218	4.5
23	MP2A	Z	0	4.5
24	MP2A	Mx	.01	4.5
25	MP2B	X	-22.919	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.001	.5
28	MP2B	X	-22.919	4.5
29	MP2B	Z	0	4.5
30	MP2B	Mx	.001	4.5
31	MP2C	X	-25.12	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.021	.5
34	MP2C	X	-25.12	4.5
35	MP2C	Z	0	4.5
36	MP2C	Mx	-.021	4.5
37	MP4A	X	-4.924	3.75
38	MP4A	Z	0	3.75
39	MP4A	Mx	.002	3.75
40	MP4B	X	-6.681	3.75
41	MP4B	Z	0	3.75
42	MP4B	Mx	-.003	3.75
43	MP4C	X	-8.114	3.75
44	MP4C	Z	0	3.75
45	MP4C	Mx	-.002	3.75
46	MP1A	X	-4.535	.5
47	MP1A	Z	0	.5
48	MP1A	Mx	.002	.5
49	MP1A	X	-4.535	2
50	MP1A	Z	0	2
51	MP1A	Mx	.002	2
52	MP1B	X	-7.122	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	Z	0	.5
54	MP1B	Mx	-.003	.5
55	MP1B	X	-7.122	2
56	MP1B	Z	0	2
57	MP1B	Mx	-.003	2
58	MP1C	X	-9.231	.5
59	MP1C	Z	0	.5
60	MP1C	Mx	-.002	.5
61	MP1C	X	-9.231	2
62	MP1C	Z	0	2
63	MP1C	Mx	-.002	2
64	MP2A	X	-7.61	2
65	MP2A	Z	0	2
66	MP2A	Mx	-.004	2
67	MP2B	X	-8.997	2
68	MP2B	Z	0	2
69	MP2B	Mx	.003	2
70	MP2C	X	-10.128	2
71	MP2C	Z	0	2
72	MP2C	Mx	.003	2
73	MP3A	X	-7.744	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.004	2
76	MP3B	X	-9.076	2
77	MP3B	Z	0	2
78	MP3B	Mx	.003	2
79	MP3C	X	-10.162	2
80	MP3C	Z	0	2
81	MP3C	Mx	.003	2
82	OVP1	X	-18.234	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-18.924	.5
2	MP2A	Z	-10.926	.5
3	MP2A	Mx	.017	.5
4	MP2A	X	-18.924	4.5
5	MP2A	Z	-10.926	4.5
6	MP2A	Mx	.017	4.5
7	MP2B	X	-22.508	.5
8	MP2B	Z	-12.995	.5
9	MP2B	Mx	-.021	.5
10	MP2B	X	-22.508	4.5
11	MP2B	Z	-12.995	4.5
12	MP2B	Mx	-.021	4.5
13	MP2C	X	-18.924	.5
14	MP2C	Z	-10.926	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	-18.924	4.5
17	MP2C	Z	-10.926	4.5
18	MP2C	Mx	-.002	4.5
19	MP2A	X	-18.924	.5
20	MP2A	Z	-10.926	.5
21	MP2A	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	-18.924	4.5
23	MP2A	Z	-10.926	4.5
24	MP2A	Mx	.002	4.5
25	MP2B	X	-22.508	.5
26	MP2B	Z	-12.995	.5
27	MP2B	Mx	.012	.5
28	MP2B	X	-22.508	4.5
29	MP2B	Z	-12.995	4.5
30	MP2B	Mx	.012	4.5
31	MP2C	X	-18.924	.5
32	MP2C	Z	-10.926	.5
33	MP2C	Mx	-.017	.5
34	MP2C	X	-18.924	4.5
35	MP2C	Z	-10.926	4.5
36	MP2C	Mx	-.017	4.5
37	MP4A	X	-5.185	3.75
38	MP4A	Z	-2.994	3.75
39	MP4A	Mx	.003	3.75
40	MP4B	X	-7.517	3.75
41	MP4B	Z	-4.34	3.75
42	MP4B	Mx	-.001	3.75
43	MP4C	X	-5.185	3.75
44	MP4C	Z	-2.994	3.75
45	MP4C	Mx	-.003	3.75
46	MP1A	X	-5.283	.5
47	MP1A	Z	-3.05	.5
48	MP1A	Mx	.003	.5
49	MP1A	X	-5.283	2
50	MP1A	Z	-3.05	2
51	MP1A	Mx	.003	2
52	MP1B	X	-8.715	.5
53	MP1B	Z	-5.032	.5
54	MP1B	Mx	-.002	.5
55	MP1B	X	-8.715	2
56	MP1B	Z	-5.032	2
57	MP1B	Mx	-.002	2
58	MP1C	X	-5.283	.5
59	MP1C	Z	-3.05	.5
60	MP1C	Mx	-.003	.5
61	MP1C	X	-5.283	2
62	MP1C	Z	-3.05	2
63	MP1C	Mx	-.003	2
64	MP2A	X	-7.317	2
65	MP2A	Z	-4.225	2
66	MP2A	Mx	-.004	2
67	MP2B	X	-9.158	2
68	MP2B	Z	-5.287	2
69	MP2B	Mx	.002	2
70	MP2C	X	-7.317	2
71	MP2C	Z	-4.225	2
72	MP2C	Mx	.004	2
73	MP3A	X	-7.405	2
74	MP3A	Z	-4.275	2
75	MP3A	Mx	-.004	2
76	MP3B	X	-9.171	2
77	MP3B	Z	-5.295	2
78	MP3B	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3C	X	-7.405	2
80	MP3C	Z	-4.275	2
81	MP3C	Mx	.004	2
82	OVP1	X	-15.419	1
83	OVP1	Z	-8.902	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-12.56	.5
2	MP2A	Z	-21.755	.5
3	MP2A	Mx	.021	.5
4	MP2A	X	-12.56	4.5
5	MP2A	Z	-21.755	4.5
6	MP2A	Mx	.021	4.5
7	MP2B	X	-13.278	.5
8	MP2B	Z	-22.999	.5
9	MP2B	Mx	-.015	.5
10	MP2B	X	-13.278	4.5
11	MP2B	Z	-22.999	4.5
12	MP2B	Mx	-.015	4.5
13	MP2C	X	-10.109	.5
14	MP2C	Z	-17.509	.5
15	MP2C	Mx	-.01	.5
16	MP2C	X	-10.109	4.5
17	MP2C	Z	-17.509	4.5
18	MP2C	Mx	-.01	4.5
19	MP2A	X	-12.56	.5
20	MP2A	Z	-21.755	.5
21	MP2A	Mx	-.008	.5
22	MP2A	X	-12.56	4.5
23	MP2A	Z	-21.755	4.5
24	MP2A	Mx	-.008	4.5
25	MP2B	X	-13.278	.5
26	MP2B	Z	-22.999	.5
27	MP2B	Mx	.02	.5
28	MP2B	X	-13.278	4.5
29	MP2B	Z	-22.999	4.5
30	MP2B	Mx	.02	4.5
31	MP2C	X	-10.109	.5
32	MP2C	Z	-17.509	.5
33	MP2C	Mx	-.01	.5
34	MP2C	X	-10.109	4.5
35	MP2C	Z	-17.509	4.5
36	MP2C	Mx	-.01	4.5
37	MP4A	X	-4.057	3.75
38	MP4A	Z	-7.027	3.75
39	MP4A	Mx	.002	3.75
40	MP4B	X	-4.525	3.75
41	MP4B	Z	-7.837	3.75
42	MP4B	Mx	.000786	3.75
43	MP4C	X	-2.462	3.75
44	MP4C	Z	-4.264	3.75
45	MP4C	Mx	-.002	3.75
46	MP1A	X	-4.615	.5
47	MP1A	Z	-7.994	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1A	Mx	.002	.5
49	MP1A	X	-4.615	2
50	MP1A	Z	-7.994	2
51	MP1A	Mx	.002	2
52	MP1B	X	-5.304	.5
53	MP1B	Z	-9.186	.5
54	MP1B	Mx	.000921	.5
55	MP1B	X	-5.304	2
56	MP1B	Z	-9.186	2
57	MP1B	Mx	.000921	2
58	MP1C	X	-2.267	.5
59	MP1C	Z	-3.927	.5
60	MP1C	Mx	-.002	.5
61	MP1C	X	-2.267	2
62	MP1C	Z	-3.927	2
63	MP1C	Mx	-.002	2
64	MP2A	X	-5.064	2
65	MP2A	Z	-8.771	2
66	MP2A	Mx	-.003	2
67	MP2B	X	-5.433	2
68	MP2B	Z	-9.41	2
69	MP2B	Mx	-.000943	2
70	MP2C	X	-3.805	2
71	MP2C	Z	-6.591	2
72	MP2C	Mx	.004	2
73	MP3A	X	-5.081	2
74	MP3A	Z	-8.8	2
75	MP3A	Mx	-.003	2
76	MP3B	X	-5.435	2
77	MP3B	Z	-9.414	2
78	MP3B	Mx	-.000944	2
79	MP3C	X	-3.872	2
80	MP3C	Z	-6.707	2
81	MP3C	Mx	.004	2
82	OVP1	X	-9.851	1
83	OVP1	Z	-17.062	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-4.254	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	0	4.5
5	MP2A	Z	-4.254	4.5
6	MP2A	Mx	.003	4.5
7	MP2B	X	0	.5
8	MP2B	Z	-3.812	.5
9	MP2B	Mx	-.000722	.5
10	MP2B	X	0	4.5
11	MP2B	Z	-3.812	4.5
12	MP2B	Mx	-.000722	4.5
13	MP2C	X	0	.5
14	MP2C	Z	-3.451	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	-3.451	4.5
18	MP2C	Mx	-.003	4.5
19	MP2A	X	0	.5
20	MP2A	Z	-4.254	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	0	4.5
23	MP2A	Z	-4.254	4.5
24	MP2A	Mx	-.003	4.5
25	MP2B	X	0	.5
26	MP2B	Z	-3.812	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	0	4.5
29	MP2B	Z	-3.812	4.5
30	MP2B	Mx	.003	4.5
31	MP2C	X	0	.5
32	MP2C	Z	-3.451	.5
33	MP2C	Mx	-.000344	.5
34	MP2C	X	0	4.5
35	MP2C	Z	-3.451	4.5
36	MP2C	Mx	-.000344	4.5
37	MP4A	X	0	3.75
38	MP4A	Z	-2.729	3.75
39	MP4A	Mx	0	3.75
40	MP4B	X	0	3.75
41	MP4B	Z	-2.157	3.75
42	MP4B	Mx	.000693	3.75
43	MP4C	X	0	3.75
44	MP4C	Z	-1.692	3.75
45	MP4C	Mx	-.000733	3.75
46	MP1A	X	0	.5
47	MP1A	Z	-3.425	.5
48	MP1A	Mx	0	.5
49	MP1A	X	0	2
50	MP1A	Z	-3.425	2
51	MP1A	Mx	0	2
52	MP1B	X	0	.5
53	MP1B	Z	-2.555	.5
54	MP1B	Mx	.000821	.5
55	MP1B	X	0	2
56	MP1B	Z	-2.555	2
57	MP1B	Mx	.000821	2
58	MP1C	X	0	.5
59	MP1C	Z	-1.845	.5
60	MP1C	Mx	-.000799	.5
61	MP1C	X	0	2
62	MP1C	Z	-1.845	2
63	MP1C	Mx	-.000799	2
64	MP2A	X	0	2
65	MP2A	Z	-2.764	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	-2.388	2
69	MP2B	Mx	-.000767	2
70	MP2C	X	0	2
71	MP2C	Z	-2.082	2
72	MP2C	Mx	.000902	2
73	MP3A	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3A	Z	-3.335	2
75	MP3A	Mx	0	2
76	MP3B	X	0	2
77	MP3B	Z	-2.896	2
78	MP3B	Mx	-.000931	2
79	MP3C	X	0	2
80	MP3C	Z	-2.539	2
81	MP3C	Mx	.001	2
82	OVP1	X	0	1
83	OVP1	Z	-5.495	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.993	.5
2	MP2A	Z	-3.452	.5
3	MP2A	Mx	.001	.5
4	MP2A	X	1.993	4.5
5	MP2A	Z	-3.452	4.5
6	MP2A	Mx	.001	4.5
7	MP2B	X	1.654	.5
8	MP2B	Z	-2.866	.5
9	MP2B	Mx	.0008	.5
10	MP2B	X	1.654	4.5
11	MP2B	Z	-2.866	4.5
12	MP2B	Mx	.0008	4.5
13	MP2C	X	1.993	.5
14	MP2C	Z	-3.452	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	1.993	4.5
17	MP2C	Z	-3.452	4.5
18	MP2C	Mx	-.003	4.5
19	MP2A	X	1.993	.5
20	MP2A	Z	-3.452	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	1.993	4.5
23	MP2A	Z	-3.452	4.5
24	MP2A	Mx	-.003	4.5
25	MP2B	X	1.654	.5
26	MP2B	Z	-2.866	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	1.654	4.5
29	MP2B	Z	-2.866	4.5
30	MP2B	Mx	.002	4.5
31	MP2C	X	1.993	.5
32	MP2C	Z	-3.452	.5
33	MP2C	Mx	.001	.5
34	MP2C	X	1.993	4.5
35	MP2C	Z	-3.452	4.5
36	MP2C	Mx	.001	4.5
37	MP4A	X	1.191	3.75
38	MP4A	Z	-2.064	3.75
39	MP4A	Mx	-.000596	3.75
40	MP4B	X	.754	3.75
41	MP4B	Z	-1.306	3.75
42	MP4B	Mx	.000709	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP4C	X	1.191	3.75
44	MP4C	Z	-2.064	3.75
45	MP4C	Mx	-.000596	3.75
46	MP1A	X	1.449	.5
47	MP1A	Z	-2.51	.5
48	MP1A	Mx	-.000725	.5
49	MP1A	X	1.449	2
50	MP1A	Z	-2.51	2
51	MP1A	Mx	-.000725	2
52	MP1B	X	.783	.5
53	MP1B	Z	-1.356	.5
54	MP1B	Mx	.000736	.5
55	MP1B	X	.783	2
56	MP1B	Z	-1.356	2
57	MP1B	Mx	.000736	2
58	MP1C	X	1.449	.5
59	MP1C	Z	-2.51	.5
60	MP1C	Mx	-.000725	.5
61	MP1C	X	1.449	2
62	MP1C	Z	-2.51	2
63	MP1C	Mx	-.000725	2
64	MP2A	X	1.268	2
65	MP2A	Z	-2.197	2
66	MP2A	Mx	.000634	2
67	MP2B	X	.981	2
68	MP2B	Z	-1.698	2
69	MP2B	Mx	-.000921	2
70	MP2C	X	1.268	2
71	MP2C	Z	-2.197	2
72	MP2C	Mx	.000634	2
73	MP3A	X	1.535	2
74	MP3A	Z	-2.658	2
75	MP3A	Mx	.000768	2
76	MP3B	X	1.199	2
77	MP3B	Z	-2.077	2
78	MP3B	Mx	-.001	2
79	MP3C	X	1.535	2
80	MP3C	Z	-2.658	2
81	MP3C	Mx	.000767	2
82	OVP1	X	2.806	1
83	OVP1	Z	-4.86	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.989	.5
2	MP2A	Z	-1.726	.5
3	MP2A	Mx	-.000344	.5
4	MP2A	X	2.989	4.5
5	MP2A	Z	-1.726	4.5
6	MP2A	Mx	-.000344	4.5
7	MP2B	X	2.785	.5
8	MP2B	Z	-1.608	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	2.785	4.5
11	MP2B	Z	-1.608	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.002	4.5
13	MP2C	X	3.684	.5
14	MP2C	Z	-2.127	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	3.684	4.5
17	MP2C	Z	-2.127	4.5
18	MP2C	Mx	-.003	4.5
19	MP2A	X	2.989	.5
20	MP2A	Z	-1.726	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	2.989	4.5
23	MP2A	Z	-1.726	4.5
24	MP2A	Mx	-.003	4.5
25	MP2B	X	2.785	.5
26	MP2B	Z	-1.608	.5
27	MP2B	Mx	.001	.5
28	MP2B	X	2.785	4.5
29	MP2B	Z	-1.608	4.5
30	MP2B	Mx	.001	4.5
31	MP2C	X	3.684	.5
32	MP2C	Z	-2.127	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	3.684	4.5
35	MP2C	Z	-2.127	4.5
36	MP2C	Mx	.003	4.5
37	MP4A	X	1.465	3.75
38	MP4A	Z	-.846	3.75
39	MP4A	Mx	-.000733	3.75
40	MP4B	X	1.202	3.75
41	MP4B	Z	-.694	3.75
42	MP4B	Mx	.000683	3.75
43	MP4C	X	2.363	3.75
44	MP4C	Z	-1.364	3.75
45	MP4C	Mx	0	3.75
46	MP1A	X	1.598	.5
47	MP1A	Z	-.923	.5
48	MP1A	Mx	-.000799	.5
49	MP1A	X	1.598	2
50	MP1A	Z	-.923	2
51	MP1A	Mx	-.000799	2
52	MP1B	X	1.197	.5
53	MP1B	Z	-.691	.5
54	MP1B	Mx	.000681	.5
55	MP1B	X	1.197	2
56	MP1B	Z	-.691	2
57	MP1B	Mx	.000681	2
58	MP1C	X	2.966	.5
59	MP1C	Z	-1.712	.5
60	MP1C	Mx	0	.5
61	MP1C	X	2.966	2
62	MP1C	Z	-1.712	2
63	MP1C	Mx	0	2
64	MP2A	X	1.803	2
65	MP2A	Z	-1.041	2
66	MP2A	Mx	.000902	2
67	MP2B	X	1.63	2
68	MP2B	Z	-.941	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	-.000927	2
70	MP2C	X	2.394	2
71	MP2C	Z	-1.382	2
72	MP2C	Mx	0	2
73	MP3A	X	2.199	2
74	MP3A	Z	-1.27	2
75	MP3A	Mx	.001	2
76	MP3B	X	1.997	2
77	MP3B	Z	-1.153	2
78	MP3B	Mx	-.001	2
79	MP3C	X	2.888	2
80	MP3C	Z	-1.667	2
81	MP3C	Mx	0	2
82	OVP1	X	4.411	1
83	OVP1	Z	-2.547	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.184	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	3.184	4.5
5	MP2A	Z	0	4.5
6	MP2A	Mx	-.002	4.5
7	MP2B	X	3.626	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	3.626	4.5
11	MP2B	Z	0	4.5
12	MP2B	Mx	.003	4.5
13	MP2C	X	3.986	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.001	.5
16	MP2C	X	3.986	4.5
17	MP2C	Z	0	4.5
18	MP2C	Mx	-.001	4.5
19	MP2A	X	3.184	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	3.184	4.5
23	MP2A	Z	0	4.5
24	MP2A	Mx	-.002	4.5
25	MP2B	X	3.626	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.000165	.5
28	MP2B	X	3.626	4.5
29	MP2B	Z	0	4.5
30	MP2B	Mx	-.000165	4.5
31	MP2C	X	3.986	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	3.986	4.5
35	MP2C	Z	0	4.5
36	MP2C	Mx	.003	4.5
37	MP4A	X	1.346	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP4A	Z	0	3.75
39	MP4A	Mx	-.000673	3.75
40	MP4B	X	1.917	3.75
41	MP4B	Z	0	3.75
42	MP4B	Mx	.000734	3.75
43	MP4C	X	2.383	3.75
44	MP4C	Z	0	3.75
45	MP4C	Mx	.000596	3.75
46	MP1A	X	1.319	.5
47	MP1A	Z	0	.5
48	MP1A	Mx	-.000659	.5
49	MP1A	X	1.319	2
50	MP1A	Z	0	2
51	MP1A	Mx	-.000659	2
52	MP1B	X	2.189	.5
53	MP1B	Z	0	.5
54	MP1B	Mx	.000838	.5
55	MP1B	X	2.189	2
56	MP1B	Z	0	2
57	MP1B	Mx	.000838	2
58	MP1C	X	2.898	.5
59	MP1C	Z	0	.5
60	MP1C	Mx	.000725	.5
61	MP1C	X	2.898	2
62	MP1C	Z	0	2
63	MP1C	Mx	.000725	2
64	MP2A	X	1.855	2
65	MP2A	Z	0	2
66	MP2A	Mx	.000927	2
67	MP2B	X	2.23	2
68	MP2B	Z	0	2
69	MP2B	Mx	-.000854	2
70	MP2C	X	2.537	2
71	MP2C	Z	0	2
72	MP2C	Mx	-.000634	2
73	MP3A	X	2.274	2
74	MP3A	Z	0	2
75	MP3A	Mx	.001	2
76	MP3B	X	2.712	2
77	MP3B	Z	0	2
78	MP3B	Mx	-.001	2
79	MP3C	X	3.07	2
80	MP3C	Z	0	2
81	MP3C	Mx	-.000768	2
82	OVP1	X	4.456	1
83	OVP1	Z	0	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.989	.5
2	MP2A	Z	1.726	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	2.989	4.5
5	MP2A	Z	1.726	4.5
6	MP2A	Mx	-.003	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP2B	X	3.576	.5
8	MP2B	Z	2.064	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	3.576	4.5
11	MP2B	Z	2.064	4.5
12	MP2B	Mx	.003	4.5
13	MP2C	X	2.989	.5
14	MP2C	Z	1.726	.5
15	MP2C	Mx	.000344	.5
16	MP2C	X	2.989	4.5
17	MP2C	Z	1.726	4.5
18	MP2C	Mx	.000344	4.5
19	MP2A	X	2.989	.5
20	MP2A	Z	1.726	.5
21	MP2A	Mx	-.000344	.5
22	MP2A	X	2.989	4.5
23	MP2A	Z	1.726	4.5
24	MP2A	Mx	-.000344	4.5
25	MP2B	X	3.576	.5
26	MP2B	Z	2.064	.5
27	MP2B	Mx	-.002	.5
28	MP2B	X	3.576	4.5
29	MP2B	Z	2.064	4.5
30	MP2B	Mx	-.002	4.5
31	MP2C	X	2.989	.5
32	MP2C	Z	1.726	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	2.989	4.5
35	MP2C	Z	1.726	4.5
36	MP2C	Mx	.003	4.5
37	MP4A	X	1.465	3.75
38	MP4A	Z	.846	3.75
39	MP4A	Mx	-.000733	3.75
40	MP4B	X	2.223	3.75
41	MP4B	Z	1.283	3.75
42	MP4B	Mx	.000439	3.75
43	MP4C	X	1.465	3.75
44	MP4C	Z	.846	3.75
45	MP4C	Mx	.000733	3.75
46	MP1A	X	1.598	.5
47	MP1A	Z	.923	.5
48	MP1A	Mx	-.000799	.5
49	MP1A	X	1.598	2
50	MP1A	Z	.923	2
51	MP1A	Mx	-.000799	2
52	MP1B	X	2.752	.5
53	MP1B	Z	1.589	.5
54	MP1B	Mx	.000543	.5
55	MP1B	X	2.752	2
56	MP1B	Z	1.589	2
57	MP1B	Mx	.000543	2
58	MP1C	X	1.598	.5
59	MP1C	Z	.923	.5
60	MP1C	Mx	.000799	.5
61	MP1C	X	1.598	2
62	MP1C	Z	.923	2
63	MP1C	Mx	.000799	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2A	X	1.803	2
65	MP2A	Z	1.041	2
66	MP2A	Mx	.000902	2
67	MP2B	X	2.302	2
68	MP2B	Z	1.329	2
69	MP2B	Mx	-.000455	2
70	MP2C	X	1.803	2
71	MP2C	Z	1.041	2
72	MP2C	Mx	-.000902	2
73	MP3A	X	2.199	2
74	MP3A	Z	1.27	2
75	MP3A	Mx	.001	2
76	MP3B	X	2.781	2
77	MP3B	Z	1.605	2
78	MP3B	Mx	-.000549	2
79	MP3C	X	2.199	2
80	MP3C	Z	1.27	2
81	MP3C	Mx	-.001	2
82	OVP1	X	3.757	1
83	OVP1	Z	2.169	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.993	.5
2	MP2A	Z	3.452	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	1.993	4.5
5	MP2A	Z	3.452	4.5
6	MP2A	Mx	-.003	4.5
7	MP2B	X	2.111	.5
8	MP2B	Z	3.656	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	2.111	4.5
11	MP2B	Z	3.656	4.5
12	MP2B	Mx	.002	4.5
13	MP2C	X	1.592	.5
14	MP2C	Z	2.757	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	1.592	4.5
17	MP2C	Z	2.757	4.5
18	MP2C	Mx	.002	4.5
19	MP2A	X	1.993	.5
20	MP2A	Z	3.452	.5
21	MP2A	Mx	.001	.5
22	MP2A	X	1.993	4.5
23	MP2A	Z	3.452	4.5
24	MP2A	Mx	.001	4.5
25	MP2B	X	2.111	.5
26	MP2B	Z	3.656	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	2.111	4.5
29	MP2B	Z	3.656	4.5
30	MP2B	Mx	-.003	4.5
31	MP2C	X	1.592	.5
32	MP2C	Z	2.757	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	.002	.5
34	MP2C	X	1.592	4.5
35	MP2C	Z	2.757	4.5
36	MP2C	Mx	.002	4.5
37	MP4A	X	1.191	3.75
38	MP4A	Z	2.064	3.75
39	MP4A	Mx	-.000596	3.75
40	MP4B	X	1.343	3.75
41	MP4B	Z	2.327	3.75
42	MP4B	Mx	-.000233	3.75
43	MP4C	X	.673	3.75
44	MP4C	Z	1.166	3.75
45	MP4C	Mx	.000673	3.75
46	MP1A	X	1.449	.5
47	MP1A	Z	2.51	.5
48	MP1A	Mx	-.000725	.5
49	MP1A	X	1.449	2
50	MP1A	Z	2.51	2
51	MP1A	Mx	-.000725	2
52	MP1B	X	1.681	.5
53	MP1B	Z	2.911	.5
54	MP1B	Mx	-.000292	.5
55	MP1B	X	1.681	2
56	MP1B	Z	2.911	2
57	MP1B	Mx	-.000292	2
58	MP1C	X	.659	.5
59	MP1C	Z	1.142	.5
60	MP1C	Mx	.000659	.5
61	MP1C	X	.659	2
62	MP1C	Z	1.142	2
63	MP1C	Mx	.000659	2
64	MP2A	X	1.268	2
65	MP2A	Z	2.197	2
66	MP2A	Mx	.000634	2
67	MP2B	X	1.368	2
68	MP2B	Z	2.37	2
69	MP2B	Mx	.000238	2
70	MP2C	X	.927	2
71	MP2C	Z	1.606	2
72	MP2C	Mx	-.000927	2
73	MP3A	X	1.535	2
74	MP3A	Z	2.658	2
75	MP3A	Mx	.000768	2
76	MP3B	X	1.651	2
77	MP3B	Z	2.86	2
78	MP3B	Mx	.000287	2
79	MP3C	X	1.137	2
80	MP3C	Z	1.969	2
81	MP3C	Mx	-.001	2
82	OVP1	X	2.429	1
83	OVP1	Z	4.207	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	4.254	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	0	4.5
5	MP2A	Z	4.254	4.5
6	MP2A	Mx	-.003	4.5
7	MP2B	X	0	.5
8	MP2B	Z	3.812	.5
9	MP2B	Mx	.000722	.5
10	MP2B	X	0	4.5
11	MP2B	Z	3.812	4.5
12	MP2B	Mx	.000722	4.5
13	MP2C	X	0	.5
14	MP2C	Z	3.451	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	0	4.5
17	MP2C	Z	3.451	4.5
18	MP2C	Mx	.003	4.5
19	MP2A	X	0	.5
20	MP2A	Z	4.254	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	0	4.5
23	MP2A	Z	4.254	4.5
24	MP2A	Mx	.003	4.5
25	MP2B	X	0	.5
26	MP2B	Z	3.812	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	0	4.5
29	MP2B	Z	3.812	4.5
30	MP2B	Mx	-.003	4.5
31	MP2C	X	0	.5
32	MP2C	Z	3.451	.5
33	MP2C	Mx	.000344	.5
34	MP2C	X	0	4.5
35	MP2C	Z	3.451	4.5
36	MP2C	Mx	.000344	4.5
37	MP4A	X	0	3.75
38	MP4A	Z	2.729	3.75
39	MP4A	Mx	0	3.75
40	MP4B	X	0	3.75
41	MP4B	Z	2.157	3.75
42	MP4B	Mx	-.000693	3.75
43	MP4C	X	0	3.75
44	MP4C	Z	1.692	3.75
45	MP4C	Mx	.000733	3.75
46	MP1A	X	0	.5
47	MP1A	Z	3.425	.5
48	MP1A	Mx	0	.5
49	MP1A	X	0	2
50	MP1A	Z	3.425	2
51	MP1A	Mx	0	2
52	MP1B	X	0	.5
53	MP1B	Z	2.555	.5
54	MP1B	Mx	-.000821	.5
55	MP1B	X	0	2
56	MP1B	Z	2.555	2
57	MP1B	Mx	-.000821	2
58	MP1C	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1C	Z	1.845	.5
60	MP1C	Mx	.000799	.5
61	MP1C	X	0	2
62	MP1C	Z	1.845	2
63	MP1C	Mx	.000799	2
64	MP2A	X	0	2
65	MP2A	Z	2.764	2
66	MP2A	Mx	0	2
67	MP2B	X	0	2
68	MP2B	Z	2.388	2
69	MP2B	Mx	.000767	2
70	MP2C	X	0	2
71	MP2C	Z	2.082	2
72	MP2C	Mx	-.000902	2
73	MP3A	X	0	2
74	MP3A	Z	3.335	2
75	MP3A	Mx	0	2
76	MP3B	X	0	2
77	MP3B	Z	2.896	2
78	MP3B	Mx	.000931	2
79	MP3C	X	0	2
80	MP3C	Z	2.539	2
81	MP3C	Mx	-.001	2
82	OVP1	X	0	1
83	OVP1	Z	5.495	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.993	.5
2	MP2A	Z	3.452	.5
3	MP2A	Mx	-.001	.5
4	MP2A	X	-1.993	4.5
5	MP2A	Z	3.452	4.5
6	MP2A	Mx	-.001	4.5
7	MP2B	X	-1.654	.5
8	MP2B	Z	2.866	.5
9	MP2B	Mx	-.0008	.5
10	MP2B	X	-1.654	4.5
11	MP2B	Z	2.866	4.5
12	MP2B	Mx	-.0008	4.5
13	MP2C	X	-1.993	.5
14	MP2C	Z	3.452	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	-1.993	4.5
17	MP2C	Z	3.452	4.5
18	MP2C	Mx	.003	4.5
19	MP2A	X	-1.993	.5
20	MP2A	Z	3.452	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	-1.993	4.5
23	MP2A	Z	3.452	4.5
24	MP2A	Mx	.003	4.5
25	MP2B	X	-1.654	.5
26	MP2B	Z	2.866	.5
27	MP2B	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	-1.654	4.5
29	MP2B	Z	2.866	4.5
30	MP2B	Mx	-.002	4.5
31	MP2C	X	-1.993	.5
32	MP2C	Z	3.452	.5
33	MP2C	Mx	-.001	.5
34	MP2C	X	-1.993	4.5
35	MP2C	Z	3.452	4.5
36	MP2C	Mx	-.001	4.5
37	MP4A	X	-1.191	3.75
38	MP4A	Z	2.064	3.75
39	MP4A	Mx	.000596	3.75
40	MP4B	X	-.754	3.75
41	MP4B	Z	1.306	3.75
42	MP4B	Mx	-.000709	3.75
43	MP4C	X	-1.191	3.75
44	MP4C	Z	2.064	3.75
45	MP4C	Mx	.000596	3.75
46	MP1A	X	-1.449	.5
47	MP1A	Z	2.51	.5
48	MP1A	Mx	.000725	.5
49	MP1A	X	-1.449	2
50	MP1A	Z	2.51	2
51	MP1A	Mx	.000725	2
52	MP1B	X	-.783	.5
53	MP1B	Z	1.356	.5
54	MP1B	Mx	-.000736	.5
55	MP1B	X	-.783	2
56	MP1B	Z	1.356	2
57	MP1B	Mx	-.000736	2
58	MP1C	X	-1.449	.5
59	MP1C	Z	2.51	.5
60	MP1C	Mx	.000725	.5
61	MP1C	X	-1.449	2
62	MP1C	Z	2.51	2
63	MP1C	Mx	.000725	2
64	MP2A	X	-1.268	2
65	MP2A	Z	2.197	2
66	MP2A	Mx	-.000634	2
67	MP2B	X	-.981	2
68	MP2B	Z	1.698	2
69	MP2B	Mx	.000921	2
70	MP2C	X	-1.268	2
71	MP2C	Z	2.197	2
72	MP2C	Mx	-.000634	2
73	MP3A	X	-1.535	2
74	MP3A	Z	2.658	2
75	MP3A	Mx	-.000768	2
76	MP3B	X	-1.199	2
77	MP3B	Z	2.077	2
78	MP3B	Mx	.001	2
79	MP3C	X	-1.535	2
80	MP3C	Z	2.658	2
81	MP3C	Mx	-.000767	2
82	OVP1	X	-2.806	1
83	OVP1	Z	4.86	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.989	.5
2	MP2A	Z	1.726	.5
3	MP2A	Mx	.000344	.5
4	MP2A	X	-2.989	4.5
5	MP2A	Z	1.726	4.5
6	MP2A	Mx	.000344	4.5
7	MP2B	X	-2.785	.5
8	MP2B	Z	1.608	.5
9	MP2B	Mx	-.002	.5
10	MP2B	X	-2.785	4.5
11	MP2B	Z	1.608	4.5
12	MP2B	Mx	-.002	4.5
13	MP2C	X	-3.684	.5
14	MP2C	Z	2.127	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	-3.684	4.5
17	MP2C	Z	2.127	4.5
18	MP2C	Mx	.003	4.5
19	MP2A	X	-2.989	.5
20	MP2A	Z	1.726	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	-2.989	4.5
23	MP2A	Z	1.726	4.5
24	MP2A	Mx	.003	4.5
25	MP2B	X	-2.785	.5
26	MP2B	Z	1.608	.5
27	MP2B	Mx	-.001	.5
28	MP2B	X	-2.785	4.5
29	MP2B	Z	1.608	4.5
30	MP2B	Mx	-.001	4.5
31	MP2C	X	-3.684	.5
32	MP2C	Z	2.127	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	-3.684	4.5
35	MP2C	Z	2.127	4.5
36	MP2C	Mx	-.003	4.5
37	MP4A	X	-1.465	3.75
38	MP4A	Z	.846	3.75
39	MP4A	Mx	.000733	3.75
40	MP4B	X	-1.202	3.75
41	MP4B	Z	.694	3.75
42	MP4B	Mx	-.000683	3.75
43	MP4C	X	-2.363	3.75
44	MP4C	Z	1.364	3.75
45	MP4C	Mx	0	3.75
46	MP1A	X	-1.598	.5
47	MP1A	Z	.923	.5
48	MP1A	Mx	.000799	.5
49	MP1A	X	-1.598	2
50	MP1A	Z	.923	2
51	MP1A	Mx	.000799	2
52	MP1B	X	-1.197	.5
53	MP1B	Z	.691	.5
54	MP1B	Mx	-.000681	.5
55	MP1B	X	-1.197	2
56	MP1B	Z	.691	2
57	MP1B	Mx	-.000681	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1C	X	-2.966	.5
59	MP1C	Z	1.712	.5
60	MP1C	Mx	0	.5
61	MP1C	X	-2.966	2
62	MP1C	Z	1.712	2
63	MP1C	Mx	0	2
64	MP2A	X	-1.803	2
65	MP2A	Z	1.041	2
66	MP2A	Mx	-.000902	2
67	MP2B	X	-1.63	2
68	MP2B	Z	.941	2
69	MP2B	Mx	.000927	2
70	MP2C	X	-2.394	2
71	MP2C	Z	1.382	2
72	MP2C	Mx	0	2
73	MP3A	X	-2.199	2
74	MP3A	Z	1.27	2
75	MP3A	Mx	-.001	2
76	MP3B	X	-1.997	2
77	MP3B	Z	1.153	2
78	MP3B	Mx	.001	2
79	MP3C	X	-2.888	2
80	MP3C	Z	1.667	2
81	MP3C	Mx	0	2
82	OVP1	X	-4.411	1
83	OVP1	Z	2.547	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.184	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	-3.184	4.5
5	MP2A	Z	0	4.5
6	MP2A	Mx	.002	4.5
7	MP2B	X	-3.626	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	-3.626	4.5
11	MP2B	Z	0	4.5
12	MP2B	Mx	-.003	4.5
13	MP2C	X	-3.986	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.001	.5
16	MP2C	X	-3.986	4.5
17	MP2C	Z	0	4.5
18	MP2C	Mx	.001	4.5
19	MP2A	X	-3.184	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.002	.5
22	MP2A	X	-3.184	4.5
23	MP2A	Z	0	4.5
24	MP2A	Mx	.002	4.5
25	MP2B	X	-3.626	.5
26	MP2B	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	.000165	.5
28	MP2B	X	-3.626	4.5
29	MP2B	Z	0	4.5
30	MP2B	Mx	.000165	4.5
31	MP2C	X	-3.986	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	-3.986	4.5
35	MP2C	Z	0	4.5
36	MP2C	Mx	-.003	4.5
37	MP4A	X	-1.346	3.75
38	MP4A	Z	0	3.75
39	MP4A	Mx	.000673	3.75
40	MP4B	X	-1.917	3.75
41	MP4B	Z	0	3.75
42	MP4B	Mx	-.000734	3.75
43	MP4C	X	-2.383	3.75
44	MP4C	Z	0	3.75
45	MP4C	Mx	-.000596	3.75
46	MP1A	X	-1.319	.5
47	MP1A	Z	0	.5
48	MP1A	Mx	.000659	.5
49	MP1A	X	-1.319	2
50	MP1A	Z	0	2
51	MP1A	Mx	.000659	2
52	MP1B	X	-2.189	.5
53	MP1B	Z	0	.5
54	MP1B	Mx	-.000838	.5
55	MP1B	X	-2.189	2
56	MP1B	Z	0	2
57	MP1B	Mx	-.000838	2
58	MP1C	X	-2.898	.5
59	MP1C	Z	0	.5
60	MP1C	Mx	-.000725	.5
61	MP1C	X	-2.898	2
62	MP1C	Z	0	2
63	MP1C	Mx	-.000725	2
64	MP2A	X	-1.855	2
65	MP2A	Z	0	2
66	MP2A	Mx	-.000927	2
67	MP2B	X	-2.23	2
68	MP2B	Z	0	2
69	MP2B	Mx	.000854	2
70	MP2C	X	-2.537	2
71	MP2C	Z	0	2
72	MP2C	Mx	.000634	2
73	MP3A	X	-2.274	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.001	2
76	MP3B	X	-2.712	2
77	MP3B	Z	0	2
78	MP3B	Mx	.001	2
79	MP3C	X	-3.07	2
80	MP3C	Z	0	2
81	MP3C	Mx	.000768	2
82	OVP1	X	-4.456	1
83	OVP1	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.989	.5
2	MP2A	Z	-1.726	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-2.989	4.5
5	MP2A	Z	-1.726	4.5
6	MP2A	Mx	.003	4.5
7	MP2B	X	-3.576	.5
8	MP2B	Z	-2.064	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	-3.576	4.5
11	MP2B	Z	-2.064	4.5
12	MP2B	Mx	-.003	4.5
13	MP2C	X	-2.989	.5
14	MP2C	Z	-1.726	.5
15	MP2C	Mx	-.000344	.5
16	MP2C	X	-2.989	4.5
17	MP2C	Z	-1.726	4.5
18	MP2C	Mx	-.000344	4.5
19	MP2A	X	-2.989	.5
20	MP2A	Z	-1.726	.5
21	MP2A	Mx	.000344	.5
22	MP2A	X	-2.989	4.5
23	MP2A	Z	-1.726	4.5
24	MP2A	Mx	.000344	4.5
25	MP2B	X	-3.576	.5
26	MP2B	Z	-2.064	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	-3.576	4.5
29	MP2B	Z	-2.064	4.5
30	MP2B	Mx	.002	4.5
31	MP2C	X	-2.989	.5
32	MP2C	Z	-1.726	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	-2.989	4.5
35	MP2C	Z	-1.726	4.5
36	MP2C	Mx	-.003	4.5
37	MP4A	X	-1.465	3.75
38	MP4A	Z	-.846	3.75
39	MP4A	Mx	.000733	3.75
40	MP4B	X	-2.223	3.75
41	MP4B	Z	-1.283	3.75
42	MP4B	Mx	-.000439	3.75
43	MP4C	X	-1.465	3.75
44	MP4C	Z	-.846	3.75
45	MP4C	Mx	-.000733	3.75
46	MP1A	X	-1.598	.5
47	MP1A	Z	-.923	.5
48	MP1A	Mx	.000799	.5
49	MP1A	X	-1.598	2
50	MP1A	Z	-.923	2
51	MP1A	Mx	.000799	2
52	MP1B	X	-2.752	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	Z	-1.589	.5
54	MP1B	Mx	-.000543	.5
55	MP1B	X	-2.752	2
56	MP1B	Z	-1.589	2
57	MP1B	Mx	-.000543	2
58	MP1C	X	-1.598	.5
59	MP1C	Z	-.923	.5
60	MP1C	Mx	-.000799	.5
61	MP1C	X	-1.598	2
62	MP1C	Z	-.923	2
63	MP1C	Mx	-.000799	2
64	MP2A	X	-1.803	2
65	MP2A	Z	-1.041	2
66	MP2A	Mx	-.000902	2
67	MP2B	X	-2.302	2
68	MP2B	Z	-1.329	2
69	MP2B	Mx	.000455	2
70	MP2C	X	-1.803	2
71	MP2C	Z	-1.041	2
72	MP2C	Mx	.000902	2
73	MP3A	X	-2.199	2
74	MP3A	Z	-1.27	2
75	MP3A	Mx	-.001	2
76	MP3B	X	-2.781	2
77	MP3B	Z	-1.605	2
78	MP3B	Mx	.000549	2
79	MP3C	X	-2.199	2
80	MP3C	Z	-1.27	2
81	MP3C	Mx	.001	2
82	OVP1	X	-3.757	1
83	OVP1	Z	-2.169	1
84	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.993	.5
2	MP2A	Z	-3.452	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-1.993	4.5
5	MP2A	Z	-3.452	4.5
6	MP2A	Mx	.003	4.5
7	MP2B	X	-2.111	.5
8	MP2B	Z	-3.656	.5
9	MP2B	Mx	-.002	.5
10	MP2B	X	-2.111	4.5
11	MP2B	Z	-3.656	4.5
12	MP2B	Mx	-.002	4.5
13	MP2C	X	-1.592	.5
14	MP2C	Z	-2.757	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	-1.592	4.5
17	MP2C	Z	-2.757	4.5
18	MP2C	Mx	-.002	4.5
19	MP2A	X	-1.993	.5
20	MP2A	Z	-3.452	.5
21	MP2A	Mx	-.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	-1.993	4.5
23	MP2A	Z	-3.452	4.5
24	MP2A	Mx	-.001	4.5
25	MP2B	X	-2.111	.5
26	MP2B	Z	-3.656	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	-2.111	4.5
29	MP2B	Z	-3.656	4.5
30	MP2B	Mx	.003	4.5
31	MP2C	X	-1.592	.5
32	MP2C	Z	-2.757	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	-1.592	4.5
35	MP2C	Z	-2.757	4.5
36	MP2C	Mx	-.002	4.5
37	MP4A	X	-1.191	3.75
38	MP4A	Z	-2.064	3.75
39	MP4A	Mx	.000596	3.75
40	MP4B	X	-1.343	3.75
41	MP4B	Z	-2.327	3.75
42	MP4B	Mx	.000233	3.75
43	MP4C	X	-.673	3.75
44	MP4C	Z	-1.166	3.75
45	MP4C	Mx	-.000673	3.75
46	MP1A	X	-1.449	.5
47	MP1A	Z	-2.51	.5
48	MP1A	Mx	.000725	.5
49	MP1A	X	-1.449	2
50	MP1A	Z	-2.51	2
51	MP1A	Mx	.000725	2
52	MP1B	X	-1.681	.5
53	MP1B	Z	-2.911	.5
54	MP1B	Mx	.000292	.5
55	MP1B	X	-1.681	2
56	MP1B	Z	-2.911	2
57	MP1B	Mx	.000292	2
58	MP1C	X	-.659	.5
59	MP1C	Z	-1.142	.5
60	MP1C	Mx	-.000659	.5
61	MP1C	X	-.659	2
62	MP1C	Z	-1.142	2
63	MP1C	Mx	-.000659	2
64	MP2A	X	-1.268	2
65	MP2A	Z	-2.197	2
66	MP2A	Mx	-.000634	2
67	MP2B	X	-1.368	2
68	MP2B	Z	-2.37	2
69	MP2B	Mx	-.000238	2
70	MP2C	X	-.927	2
71	MP2C	Z	-1.606	2
72	MP2C	Mx	.000927	2
73	MP3A	X	-1.535	2
74	MP3A	Z	-2.658	2
75	MP3A	Mx	-.000768	2
76	MP3B	X	-1.651	2
77	MP3B	Z	-2.86	2
78	MP3B	Mx	-.000287	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3C	X	-1.137	2
80	MP3C	Z	-1.969	2
81	MP3C	Mx	.001	2
82	OVP1	X	-2.429	1
83	OVP1	Z	-4.207	1
84	OVP1	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M88	Y	-500	%93

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M88	Y	-500	%50

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M88	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M88	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-1.714	.5
2	MP2A	My	-.000857	.5
3	MP2A	Mz	-.001	.5
4	MP2A	Y	-1.714	4.5
5	MP2A	My	-.000857	4.5
6	MP2A	Mz	-.001	4.5
7	MP2B	Y	-1.714	.5
8	MP2B	My	.001	.5
9	MP2B	Mz	.000324	.5
10	MP2B	Y	-1.714	4.5
11	MP2B	My	.001	4.5
12	MP2B	Mz	.000324	4.5
13	MP2C	Y	-1.714	.5
14	MP2C	My	-.000561	.5
15	MP2C	Mz	.001	.5
16	MP2C	Y	-1.714	4.5
17	MP2C	My	-.000561	4.5
18	MP2C	Mz	.001	4.5
19	MP2A	Y	-1.714	.5
20	MP2A	My	-.000857	.5
21	MP2A	Mz	.001	.5
22	MP2A	Y	-1.714	4.5
23	MP2A	My	-.000857	4.5
24	MP2A	Mz	.001	4.5
25	MP2B	Y	-1.714	.5
26	MP2B	My	-7.8e-5	.5
27	MP2B	Mz	-.001	.5
28	MP2B	Y	-1.714	4.5
29	MP2B	My	-7.8e-5	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2B	Mz	-.001	4.5
31	MP2C	Y	-1.714	.5
32	MP2C	My	.001	.5
33	MP2C	Mz	.000171	.5
34	MP2C	Y	-1.714	4.5
35	MP2C	My	.001	4.5
36	MP2C	Mz	.000171	4.5
37	MP4A	Y	-1.02	3.75
38	MP4A	My	-.00051	3.75
39	MP4A	Mz	0	3.75
40	MP4B	Y	-1.02	3.75
41	MP4B	My	.000391	3.75
42	MP4B	Mz	-.000328	3.75
43	MP4C	Y	-1.02	3.75
44	MP4C	My	.000255	3.75
45	MP4C	Mz	.000441	3.75
46	MP1A	Y	-1.259	.5
47	MP1A	My	-.00063	.5
48	MP1A	Mz	0	.5
49	MP1A	Y	-1.259	2
50	MP1A	My	-.00063	2
51	MP1A	Mz	0	2
52	MP1B	Y	-1.259	.5
53	MP1B	My	.000482	.5
54	MP1B	Mz	-.000405	.5
55	MP1B	Y	-1.259	2
56	MP1B	My	.000482	2
57	MP1B	Mz	-.000405	2
58	MP1C	Y	-1.259	.5
59	MP1C	My	.000315	.5
60	MP1C	Mz	.000545	.5
61	MP1C	Y	-1.259	2
62	MP1C	My	.000315	2
63	MP1C	Mz	.000545	2
64	MP2A	Y	-3.283	2
65	MP2A	My	.002	2
66	MP2A	Mz	0	2
67	MP2B	Y	-3.283	2
68	MP2B	My	-.001	2
69	MP2B	Mz	.001	2
70	MP2C	Y	-3.283	2
71	MP2C	My	-.000821	2
72	MP2C	Mz	-.001	2
73	MP3A	Y	-3.476	2
74	MP3A	My	.002	2
75	MP3A	Mz	0	2
76	MP3B	Y	-3.476	2
77	MP3B	My	-.001	2
78	MP3B	Mz	.001	2
79	MP3C	Y	-3.476	2
80	MP3C	My	-.000869	2
81	MP3C	Mz	-.002	2
82	OVP1	Y	-1.406	1
83	OVP1	My	0	1
84	OVP1	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-4.285	.5
2	MP2A	Mx	.003	.5
3	MP2A	Z	-4.285	4.5
4	MP2A	Mx	.003	4.5
5	MP2B	Z	-4.285	.5
6	MP2B	Mx	-.000811	.5
7	MP2B	Z	-4.285	4.5
8	MP2B	Mx	-.000811	4.5
9	MP2C	Z	-4.285	.5
10	MP2C	Mx	-.003	.5
11	MP2C	Z	-4.285	4.5
12	MP2C	Mx	-.003	4.5
13	MP2A	Z	-4.285	.5
14	MP2A	Mx	-.003	.5
15	MP2A	Z	-4.285	4.5
16	MP2A	Mx	-.003	4.5
17	MP2B	Z	-4.285	.5
18	MP2B	Mx	.004	.5
19	MP2B	Z	-4.285	4.5
20	MP2B	Mx	.004	4.5
21	MP2C	Z	-4.285	.5
22	MP2C	Mx	-.000427	.5
23	MP2C	Z	-4.285	4.5
24	MP2C	Mx	-.000427	4.5
25	MP4A	Z	-2.549	3.75
26	MP4A	Mx	0	3.75
27	MP4B	Z	-2.549	3.75
28	MP4B	Mx	.000819	3.75
29	MP4C	Z	-2.549	3.75
30	MP4C	Mx	-.001	3.75
31	MP1A	Z	-3.148	.5
32	MP1A	Mx	0	.5
33	MP1A	Z	-3.148	2
34	MP1A	Mx	0	2
35	MP1B	Z	-3.148	.5
36	MP1B	Mx	.001	.5
37	MP1B	Z	-3.148	2
38	MP1B	Mx	.001	2
39	MP1C	Z	-3.148	.5
40	MP1C	Mx	-.001	.5
41	MP1C	Z	-3.148	2
42	MP1C	Mx	-.001	2
43	MP2A	Z	-8.207	2
44	MP2A	Mx	0	2
45	MP2B	Z	-8.207	2
46	MP2B	Mx	-.003	2
47	MP2C	Z	-8.207	2
48	MP2C	Mx	.004	2
49	MP3A	Z	-8.69	2
50	MP3A	Mx	0	2
51	MP3B	Z	-8.69	2
52	MP3B	Mx	-.003	2
53	MP3C	Z	-8.69	2
54	MP3C	Mx	.004	2
55	OVP1	Z	-3.516	1
56	OVP1	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.285	.5
2	MP2A	Mx	-.002	.5
3	MP2A	X	4.285	4.5
4	MP2A	Mx	-.002	4.5
5	MP2B	X	4.285	.5
6	MP2B	Mx	.003	.5
7	MP2B	X	4.285	4.5
8	MP2B	Mx	.003	4.5
9	MP2C	X	4.285	.5
10	MP2C	Mx	-.001	.5
11	MP2C	X	4.285	4.5
12	MP2C	Mx	-.001	4.5
13	MP2A	X	4.285	.5
14	MP2A	Mx	-.002	.5
15	MP2A	X	4.285	4.5
16	MP2A	Mx	-.002	4.5
17	MP2B	X	4.285	.5
18	MP2B	Mx	-.000195	.5
19	MP2B	X	4.285	4.5
20	MP2B	Mx	-.000195	4.5
21	MP2C	X	4.285	.5
22	MP2C	Mx	.004	.5
23	MP2C	X	4.285	4.5
24	MP2C	Mx	.004	4.5
25	MP4A	X	2.549	3.75
26	MP4A	Mx	-.001	3.75
27	MP4B	X	2.549	3.75
28	MP4B	Mx	.000976	3.75
29	MP4C	X	2.549	3.75
30	MP4C	Mx	.000637	3.75
31	MP1A	X	3.148	.5
32	MP1A	Mx	-.002	.5
33	MP1A	X	3.148	2
34	MP1A	Mx	-.002	2
35	MP1B	X	3.148	.5
36	MP1B	Mx	.001	.5
37	MP1B	X	3.148	2
38	MP1B	Mx	.001	2
39	MP1C	X	3.148	.5
40	MP1C	Mx	.000787	.5
41	MP1C	X	3.148	2
42	MP1C	Mx	.000787	2
43	MP2A	X	8.207	2
44	MP2A	Mx	.004	2
45	MP2B	X	8.207	2
46	MP2B	Mx	-.003	2
47	MP2C	X	8.207	2
48	MP2C	Mx	-.002	2
49	MP3A	X	8.69	2
50	MP3A	Mx	.004	2
51	MP3B	X	8.69	2
52	MP3B	Mx	-.003	2
53	MP3C	X	8.69	2
54	MP3C	Mx	-.002	2
55	OVP1	X	3.516	1
56	OVP1	Mx	0	1

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	M48	Y	-9.155	-9.155	0	%100
2	M53	Y	-7.538	-7.538	0	%100
3	M54	Y	-7.538	-7.538	0	%100
4	M62	Y	-4.095	-4.095	0	%100
5	M63	Y	-4.095	-4.095	0	%100
6	M65	Y	-4.095	-4.095	0	%100
7	M66	Y	-5.295	-5.295	0	%100
8	M67	Y	-5.295	-5.295	0	%100
9	M111	Y	-10.249	-10.249	0	%100
10	M108	Y	-9.155	-9.155	0	%100
11	M109	Y	-9.155	-9.155	0	%100
12	M88	Y	-6.069	-6.069	0	%100
13	M93	Y	-4.58	-4.58	0	%100
14	MP4A	Y	-4.58	-4.58	0	%100
15	MP3A	Y	-4.58	-4.58	0	%100
16	MP2A	Y	-5.242	-5.242	0	%100
17	MP1A	Y	-4.58	-4.58	0	%100
18	M40	Y	-9.155	-9.155	0	%100
19	M56A	Y	-5.295	-5.295	0	%100
20	M57A	Y	-5.295	-5.295	0	%100
21	M63A	Y	-9.155	-9.155	0	%100
22	M79	Y	-5.295	-5.295	0	%100
23	M80	Y	-5.295	-5.295	0	%100
24	M84	Y	-6.069	-6.069	0	%100
25	M89	Y	-4.58	-4.58	0	%100
26	MP4C	Y	-4.58	-4.58	0	%100
27	MP3C	Y	-4.58	-4.58	0	%100
28	MP1C	Y	-4.58	-4.58	0	%100
29	M98	Y	-6.069	-6.069	0	%100
30	M103	Y	-4.58	-4.58	0	%100
31	MP4B	Y	-4.58	-4.58	0	%100
32	MP3B	Y	-4.58	-4.58	0	%100
33	MP1B	Y	-4.58	-4.58	0	%100
34	OVP1	Y	-4.58	-4.58	0	%100
35	M118	Y	-10.249	-10.249	0	%100
36	M119	Y	-10.249	-10.249	0	%100
37	M121	Y	-4.58	-4.58	0	%100
38	M118A	Y	-7.538	-7.538	0	%100
39	M119A	Y	-7.538	-7.538	0	%100
40	M120A	Y	-7.538	-7.538	0	%100
41	M121A	Y	-7.538	-7.538	0	%100
42	M116A	Y	-4.095	-4.095	0	%100
43	M117A	Y	-4.095	-4.095	0	%100
44	M118B	Y	-4.095	-4.095	0	%100
45	M119B	Y	-4.095	-4.095	0	%100
46	M120B	Y	-4.095	-4.095	0	%100
47	M121B	Y	-4.095	-4.095	0	%100
48	M118C	Y	-9.155	-9.155	0	%100
49	M119C	Y	-9.155	-9.155	0	%100
50	M120C	Y	-9.155	-9.155	0	%100
51	M121C	Y	-9.155	-9.155	0	%100
52	MP2C	Y	-5.242	-5.242	0	%100
53	MP2B	Y	-5.242	-5.242	0	%100
54	M122	Y	-9.876	-9.876	0	%100
55	M122A	Y	-9.876	-9.876	0	%100
56	M123	Y	-9.876	-9.876	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-12.857	-12.857	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-12.857	-12.857	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-.816	-.816	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-.908	-.908	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	-.724	-.724	0	%100
13	M66	X	0	0	0	%100
14	M66	Z	-1.735	-1.735	0	%100
15	M67	X	0	0	0	%100
16	M67	Z	-1.735	-1.735	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	-17.103	-17.103	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	-15.481	-15.481	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	-15.481	-15.481	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	-10.836	-10.836	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	-7.353	-7.353	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-7.353	-7.353	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-7.353	-7.353	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-8.901	-8.901	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-7.353	-7.353	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	-10.006	-10.006	0	%100
37	M56A	X	0	0	0	%100
38	M56A	Z	-6.816	-6.816	0	%100
39	M57A	X	0	0	0	%100
40	M57A	Z	-1.674	-1.674	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	-10.006	-10.006	0	%100
43	M79	X	0	0	0	%100
44	M79	Z	-1.674	-1.674	0	%100
45	M80	X	0	0	0	%100
46	M80	Z	-6.816	-6.816	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	-2.709	-2.709	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	-1.838	-1.838	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	-7.353	-7.353	0	%100
53	MP3C	X	0	0	0	%100
54	MP3C	Z	-7.353	-7.353	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	-7.353	-7.353	0	%100
57	M98	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,%]
58	M98	Z	-2.709	-2.709	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	-1.838	-1.838	0	%100
61	MP4B	X	0	0	0	%100
62	MP4B	Z	-7.353	-7.353	0	%100
63	MP3B	X	0	0	0	%100
64	MP3B	Z	-7.353	-7.353	0	%100
65	MP1B	X	0	0	0	%100
66	MP1B	Z	-7.353	-7.353	0	%100
67	OVP1	X	0	0	0	%100
68	OVP1	Z	-5.325	-5.325	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	-4.275	-4.275	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	-4.276	-4.276	0	%100
73	M121	X	0	0	0	%100
74	M121	Z	-5.325	-5.325	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	-3.214	-3.214	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	-3.214	-3.214	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	-3.214	-3.214	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	-3.214	-3.214	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	-.204	-.204	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	-.227	-.227	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	-.181	-.181	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	-.204	-.204	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	-.227	-.227	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	-.181	-.181	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	-3.87	-3.87	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	-3.871	-3.871	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	-3.87	-3.87	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	-3.87	-3.87	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	-8.901	-8.901	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-8.901	-8.901	0	%100
107	M122	X	0	0	0	%100
108	M122	Z	-7.622	-7.622	0	%100
109	M122A	X	0	0	0	%100
110	M122A	Z	-12.864	-12.864	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-12.864	-12.864	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	M48	X	1.668	1.668	0	%100
2	M48	Z	-2.889	-2.889	0	%100
3	M53	X	4.822	4.822	0	%100
4	M53	Z	-8.351	-8.351	0	%100
5	M54	X	4.822	4.822	0	%100
6	M54	Z	-8.351	-8.351	0	%100
7	M62	X	.306	.306	0	%100
8	M62	Z	-.53	-.53	0	%100
9	M63	X	.34	.34	0	%100
10	M63	Z	-.59	-.59	0	%100
11	M65	X	.272	.272	0	%100
12	M65	Z	-.47	-.47	0	%100
13	M66	X	9.2e-5	9.2e-5	0	%100
14	M66	Z	-.000159	-.000159	0	%100
15	M67	X	2.571	2.571	0	%100
16	M67	Z	-4.454	-4.454	0	%100
17	M111	X	6.414	6.414	0	%100
18	M111	Z	-11.109	-11.109	0	%100
19	M108	X	5.805	5.805	0	%100
20	M108	Z	-10.055	-10.055	0	%100
21	M109	X	5.805	5.805	0	%100
22	M109	Z	-10.054	-10.054	0	%100
23	M88	X	4.064	4.064	0	%100
24	M88	Z	-7.038	-7.038	0	%100
25	M93	X	2.757	2.757	0	%100
26	M93	Z	-4.776	-4.776	0	%100
27	MP4A	X	3.677	3.677	0	%100
28	MP4A	Z	-6.368	-6.368	0	%100
29	MP3A	X	3.677	3.677	0	%100
30	MP3A	Z	-6.368	-6.368	0	%100
31	MP2A	X	4.451	4.451	0	%100
32	MP2A	Z	-7.709	-7.709	0	%100
33	MP1A	X	3.677	3.677	0	%100
34	MP1A	Z	-6.368	-6.368	0	%100
35	M40	X	1.668	1.668	0	%100
36	M40	Z	-2.888	-2.888	0	%100
37	M56A	X	2.571	2.571	0	%100
38	M56A	Z	-4.454	-4.454	0	%100
39	M57A	X	9.2e-5	9.2e-5	0	%100
40	M57A	Z	-.000159	-.000159	0	%100
41	M63A	X	6.671	6.671	0	%100
42	M63A	Z	-11.554	-11.554	0	%100
43	M79	X	2.541	2.541	0	%100
44	M79	Z	-4.401	-4.401	0	%100
45	M80	X	2.541	2.541	0	%100
46	M80	Z	-4.401	-4.401	0	%100
47	M84	X	4.064	4.064	0	%100
48	M84	Z	-7.038	-7.038	0	%100
49	M89	X	2.757	2.757	0	%100
50	M89	Z	-4.776	-4.776	0	%100
51	MP4C	X	3.677	3.677	0	%100
52	MP4C	Z	-6.368	-6.368	0	%100
53	MP3C	X	3.677	3.677	0	%100
54	MP3C	Z	-6.368	-6.368	0	%100
55	MP1C	X	3.677	3.677	0	%100
56	MP1C	Z	-6.368	-6.368	0	%100
57	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	3.677	3.677	0	%100
62	MP4B	Z	-6.368	-6.368	0	%100
63	MP3B	X	3.677	3.677	0	%100
64	MP3B	Z	-6.368	-6.368	0	%100
65	MP1B	X	3.677	3.677	0	%100
66	MP1B	Z	-6.368	-6.368	0	%100
67	OVP1	X	2.663	2.663	0	%100
68	OVP1	Z	-4.612	-4.612	0	%100
69	M118	X	6.414	6.414	0	%100
70	M118	Z	-11.109	-11.109	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	2.663	2.663	0	%100
74	M121	Z	-4.612	-4.612	0	%100
75	M118A	X	4.822	4.822	0	%100
76	M118A	Z	-8.351	-8.351	0	%100
77	M119A	X	4.822	4.822	0	%100
78	M119A	Z	-8.351	-8.351	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	.306	.306	0	%100
84	M116A	Z	-.53	-.53	0	%100
85	M117A	X	.34	.34	0	%100
86	M117A	Z	-.59	-.59	0	%100
87	M118B	X	.272	.272	0	%100
88	M118B	Z	-.47	-.47	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	5.805	5.805	0	%100
96	M118C	Z	-10.055	-10.055	0	%100
97	M119C	X	5.805	5.805	0	%100
98	M119C	Z	-10.055	-10.055	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	4.451	4.451	0	%100
104	MP2C	Z	-7.709	-7.709	0	%100
105	MP2B	X	4.451	4.451	0	%100
106	MP2B	Z	-7.709	-7.709	0	%100
107	M122	X	4.685	4.685	0	%100
108	M122	Z	-8.114	-8.114	0	%100
109	M122A	X	4.685	4.685	0	%100
110	M122A	Z	-8.114	-8.114	0	%100
111	M123	X	7.306	7.306	0	%100
112	M123	Z	-12.654	-12.654	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	M48	X	8.665	8.665	0	%100
2	M48	Z	-5.003	-5.003	0	%100
3	M53	X	2.784	2.784	0	%100
4	M53	Z	-1.607	-1.607	0	%100
5	M54	X	2.784	2.784	0	%100
6	M54	Z	-1.607	-1.607	0	%100
7	M62	X	.177	.177	0	%100
8	M62	Z	-.102	-.102	0	%100
9	M63	X	.197	.197	0	%100
10	M63	Z	-.113	-.113	0	%100
11	M65	X	.157	.157	0	%100
12	M65	Z	-.091	-.091	0	%100
13	M66	X	1.449	1.449	0	%100
14	M66	Z	-.837	-.837	0	%100
15	M67	X	5.903	5.903	0	%100
16	M67	Z	-3.408	-3.408	0	%100
17	M111	X	3.703	3.703	0	%100
18	M111	Z	-2.138	-2.138	0	%100
19	M108	X	3.352	3.352	0	%100
20	M108	Z	-1.935	-1.935	0	%100
21	M109	X	3.351	3.351	0	%100
22	M109	Z	-1.935	-1.935	0	%100
23	M88	X	2.346	2.346	0	%100
24	M88	Z	-1.355	-1.355	0	%100
25	M93	X	1.592	1.592	0	%100
26	M93	Z	-.919	-.919	0	%100
27	MP4A	X	6.368	6.368	0	%100
28	MP4A	Z	-3.677	-3.677	0	%100
29	MP3A	X	6.368	6.368	0	%100
30	MP3A	Z	-3.677	-3.677	0	%100
31	MP2A	X	7.709	7.709	0	%100
32	MP2A	Z	-4.451	-4.451	0	%100
33	MP1A	X	6.368	6.368	0	%100
34	MP1A	Z	-3.677	-3.677	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	1.502	1.502	0	%100
38	M56A	Z	-.867	-.867	0	%100
39	M57A	X	1.502	1.502	0	%100
40	M57A	Z	-.867	-.867	0	%100
41	M63A	X	8.665	8.665	0	%100
42	M63A	Z	-5.003	-5.003	0	%100
43	M79	X	5.903	5.903	0	%100
44	M79	Z	-3.408	-3.408	0	%100
45	M80	X	1.449	1.449	0	%100
46	M80	Z	-.837	-.837	0	%100
47	M84	X	9.385	9.385	0	%100
48	M84	Z	-5.418	-5.418	0	%100
49	M89	X	6.368	6.368	0	%100
50	M89	Z	-3.677	-3.677	0	%100
51	MP4C	X	6.368	6.368	0	%100
52	MP4C	Z	-3.677	-3.677	0	%100
53	MP3C	X	6.368	6.368	0	%100
54	MP3C	Z	-3.677	-3.677	0	%100
55	MP1C	X	6.368	6.368	0	%100
56	MP1C	Z	-3.677	-3.677	0	%100
57	M98	X	2.346	2.346	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,%]
58	M98	Z	-1.355	-1.355	0	%100
59	M103	X	1.592	1.592	0	%100
60	M103	Z	-.919	-.919	0	%100
61	MP4B	X	6.368	6.368	0	%100
62	MP4B	Z	-3.677	-3.677	0	%100
63	MP3B	X	6.368	6.368	0	%100
64	MP3B	Z	-3.677	-3.677	0	%100
65	MP1B	X	6.368	6.368	0	%100
66	MP1B	Z	-3.677	-3.677	0	%100
67	OVP1	X	4.612	4.612	0	%100
68	OVP1	Z	-2.663	-2.663	0	%100
69	M118	X	14.812	14.812	0	%100
70	M118	Z	-8.552	-8.552	0	%100
71	M119	X	3.703	3.703	0	%100
72	M119	Z	-2.138	-2.138	0	%100
73	M121	X	4.612	4.612	0	%100
74	M121	Z	-2.663	-2.663	0	%100
75	M118A	X	11.135	11.135	0	%100
76	M118A	Z	-6.429	-6.429	0	%100
77	M119A	X	11.135	11.135	0	%100
78	M119A	Z	-6.429	-6.429	0	%100
79	M120A	X	2.784	2.784	0	%100
80	M120A	Z	-1.607	-1.607	0	%100
81	M121A	X	2.784	2.784	0	%100
82	M121A	Z	-1.607	-1.607	0	%100
83	M116A	X	.707	.707	0	%100
84	M116A	Z	-.408	-.408	0	%100
85	M117A	X	.786	.786	0	%100
86	M117A	Z	-.454	-.454	0	%100
87	M118B	X	.627	.627	0	%100
88	M118B	Z	-.362	-.362	0	%100
89	M119B	X	.177	.177	0	%100
90	M119B	Z	-.102	-.102	0	%100
91	M120B	X	.197	.197	0	%100
92	M120B	Z	-.113	-.113	0	%100
93	M121B	X	.157	.157	0	%100
94	M121B	Z	-.091	-.091	0	%100
95	M118C	X	13.407	13.407	0	%100
96	M118C	Z	-7.74	-7.74	0	%100
97	M119C	X	13.407	13.407	0	%100
98	M119C	Z	-7.74	-7.74	0	%100
99	M120C	X	3.352	3.352	0	%100
100	M120C	Z	-1.935	-1.935	0	%100
101	M121C	X	3.352	3.352	0	%100
102	M121C	Z	-1.935	-1.935	0	%100
103	MP2C	X	7.709	7.709	0	%100
104	MP2C	Z	-4.451	-4.451	0	%100
105	MP2B	X	7.709	7.709	0	%100
106	MP2B	Z	-4.451	-4.451	0	%100
107	M122	X	11.141	11.141	0	%100
108	M122	Z	-6.432	-6.432	0	%100
109	M122A	X	6.601	6.601	0	%100
110	M122A	Z	-3.811	-3.811	0	%100
111	M123	X	11.141	11.141	0	%100
112	M123	Z	-6.432	-6.432	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	M48	X	13.341	13.341	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M66	X	5.082	5.082	0	%100
14	M66	Z	0	0	0	%100
15	M67	X	5.082	5.082	0	%100
16	M67	Z	0	0	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	0	0	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	0	0	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	MP4A	X	7.353	7.353	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	7.353	7.353	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	8.901	8.901	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	7.353	7.353	0	%100
34	MP1A	Z	0	0	0	%100
35	M40	X	3.335	3.335	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	.000184	.000184	0	%100
38	M56A	Z	0	0	0	%100
39	M57A	X	5.143	5.143	0	%100
40	M57A	Z	0	0	0	%100
41	M63A	X	3.335	3.335	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	5.143	5.143	0	%100
44	M79	Z	0	0	0	%100
45	M80	X	.000184	.000184	0	%100
46	M80	Z	0	0	0	%100
47	M84	X	8.127	8.127	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	5.515	5.515	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	7.353	7.353	0	%100
52	MP4C	Z	0	0	0	%100
53	MP3C	X	7.353	7.353	0	%100
54	MP3C	Z	0	0	0	%100
55	MP1C	X	7.353	7.353	0	%100
56	MP1C	Z	0	0	0	%100
57	M98	X	8.127	8.127	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,%]
58	M98	Z	0	0	0	%100
59	M103	X	5.515	5.515	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	7.353	7.353	0	%100
62	MP4B	Z	0	0	0	%100
63	MP3B	X	7.353	7.353	0	%100
64	MP3B	Z	0	0	0	%100
65	MP1B	X	7.353	7.353	0	%100
66	MP1B	Z	0	0	0	%100
67	OVP1	X	5.325	5.325	0	%100
68	OVP1	Z	0	0	0	%100
69	M118	X	12.828	12.828	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	12.827	12.827	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	5.325	5.325	0	%100
74	M121	Z	0	0	0	%100
75	M118A	X	9.643	9.643	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	9.643	9.643	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	9.643	9.643	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	9.643	9.643	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	.612	.612	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	.681	.681	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	.543	.543	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	.612	.612	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	.681	.681	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	.543	.543	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	11.61	11.61	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	11.61	11.61	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	11.61	11.61	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	11.611	11.611	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	8.901	8.901	0	%100
104	MP2C	Z	0	0	0	%100
105	MP2B	X	8.901	8.901	0	%100
106	MP2B	Z	0	0	0	%100
107	M122	X	14.612	14.612	0	%100
108	M122	Z	0	0	0	%100
109	M122A	X	9.369	9.369	0	%100
110	M122A	Z	0	0	0	%100
111	M123	X	9.369	9.369	0	%100
112	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	8.665	8.665	0	%100
2	M48	Z	5.003	5.003	0	%100
3	M53	X	2.784	2.784	0	%100
4	M53	Z	1.607	1.607	0	%100
5	M54	X	2.784	2.784	0	%100
6	M54	Z	1.607	1.607	0	%100
7	M62	X	.177	.177	0	%100
8	M62	Z	.102	.102	0	%100
9	M63	X	.197	.197	0	%100
10	M63	Z	.113	.113	0	%100
11	M65	X	.157	.157	0	%100
12	M65	Z	.091	.091	0	%100
13	M66	X	5.903	5.903	0	%100
14	M66	Z	3.408	3.408	0	%100
15	M67	X	1.449	1.449	0	%100
16	M67	Z	.837	.837	0	%100
17	M111	X	3.703	3.703	0	%100
18	M111	Z	2.138	2.138	0	%100
19	M108	X	3.352	3.352	0	%100
20	M108	Z	1.935	1.935	0	%100
21	M109	X	3.352	3.352	0	%100
22	M109	Z	1.935	1.935	0	%100
23	M88	X	2.346	2.346	0	%100
24	M88	Z	1.355	1.355	0	%100
25	M93	X	1.592	1.592	0	%100
26	M93	Z	.919	.919	0	%100
27	MP4A	X	6.368	6.368	0	%100
28	MP4A	Z	3.677	3.677	0	%100
29	MP3A	X	6.368	6.368	0	%100
30	MP3A	Z	3.677	3.677	0	%100
31	MP2A	X	7.709	7.709	0	%100
32	MP2A	Z	4.451	4.451	0	%100
33	MP1A	X	6.368	6.368	0	%100
34	MP1A	Z	3.677	3.677	0	%100
35	M40	X	8.665	8.665	0	%100
36	M40	Z	5.003	5.003	0	%100
37	M56A	X	1.449	1.449	0	%100
38	M56A	Z	.837	.837	0	%100
39	M57A	X	5.903	5.903	0	%100
40	M57A	Z	3.408	3.408	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	1.502	1.502	0	%100
44	M79	Z	.867	.867	0	%100
45	M80	X	1.502	1.502	0	%100
46	M80	Z	.867	.867	0	%100
47	M84	X	2.346	2.346	0	%100
48	M84	Z	1.355	1.355	0	%100
49	M89	X	1.592	1.592	0	%100
50	M89	Z	.919	.919	0	%100
51	MP4C	X	6.368	6.368	0	%100
52	MP4C	Z	3.677	3.677	0	%100
53	MP3C	X	6.368	6.368	0	%100
54	MP3C	Z	3.677	3.677	0	%100
55	MP1C	X	6.368	6.368	0	%100
56	MP1C	Z	3.677	3.677	0	%100
57	M98	X	9.385	9.385	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	5.418	5.418	0	%100
59	M103	X	6.368	6.368	0	%100
60	M103	Z	3.677	3.677	0	%100
61	MP4B	X	6.368	6.368	0	%100
62	MP4B	Z	3.677	3.677	0	%100
63	MP3B	X	6.368	6.368	0	%100
64	MP3B	Z	3.677	3.677	0	%100
65	MP1B	X	6.368	6.368	0	%100
66	MP1B	Z	3.677	3.677	0	%100
67	OVP1	X	4.612	4.612	0	%100
68	OVP1	Z	2.663	2.663	0	%100
69	M118	X	3.703	3.703	0	%100
70	M118	Z	2.138	2.138	0	%100
71	M119	X	14.812	14.812	0	%100
72	M119	Z	8.552	8.552	0	%100
73	M121	X	4.612	4.612	0	%100
74	M121	Z	2.663	2.663	0	%100
75	M118A	X	2.784	2.784	0	%100
76	M118A	Z	1.607	1.607	0	%100
77	M119A	X	2.784	2.784	0	%100
78	M119A	Z	1.607	1.607	0	%100
79	M120A	X	11.135	11.135	0	%100
80	M120A	Z	6.429	6.429	0	%100
81	M121A	X	11.135	11.135	0	%100
82	M121A	Z	6.429	6.429	0	%100
83	M116A	X	.177	.177	0	%100
84	M116A	Z	.102	.102	0	%100
85	M117A	X	.197	.197	0	%100
86	M117A	Z	.113	.113	0	%100
87	M118B	X	.157	.157	0	%100
88	M118B	Z	.091	.091	0	%100
89	M119B	X	.707	.707	0	%100
90	M119B	Z	.408	.408	0	%100
91	M120B	X	.786	.786	0	%100
92	M120B	Z	.454	.454	0	%100
93	M121B	X	.627	.627	0	%100
94	M121B	Z	.362	.362	0	%100
95	M118C	X	3.352	3.352	0	%100
96	M118C	Z	1.935	1.935	0	%100
97	M119C	X	3.351	3.351	0	%100
98	M119C	Z	1.935	1.935	0	%100
99	M120C	X	13.407	13.407	0	%100
100	M120C	Z	7.74	7.74	0	%100
101	M121C	X	13.407	13.407	0	%100
102	M121C	Z	7.74	7.74	0	%100
103	MP2C	X	7.709	7.709	0	%100
104	MP2C	Z	4.451	4.451	0	%100
105	MP2B	X	7.709	7.709	0	%100
106	MP2B	Z	4.451	4.451	0	%100
107	M122	X	11.141	11.141	0	%100
108	M122	Z	6.432	6.432	0	%100
109	M122A	X	11.141	11.141	0	%100
110	M122A	Z	6.432	6.432	0	%100
111	M123	X	6.601	6.601	0	%100
112	M123	Z	3.811	3.811	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	M48	X	1.668	1.668	0	%100
2	M48	Z	2.888	2.888	0	%100
3	M53	X	4.822	4.822	0	%100
4	M53	Z	8.351	8.351	0	%100
5	M54	X	4.822	4.822	0	%100
6	M54	Z	8.351	8.351	0	%100
7	M62	X	.306	.306	0	%100
8	M62	Z	.53	.53	0	%100
9	M63	X	.34	.34	0	%100
10	M63	Z	.59	.59	0	%100
11	M65	X	.272	.272	0	%100
12	M65	Z	.47	.47	0	%100
13	M66	X	2.571	2.571	0	%100
14	M66	Z	4.454	4.454	0	%100
15	M67	X	9.2e-5	9.2e-5	0	%100
16	M67	Z	.000159	.000159	0	%100
17	M111	X	6.414	6.414	0	%100
18	M111	Z	11.109	11.109	0	%100
19	M108	X	5.805	5.805	0	%100
20	M108	Z	10.055	10.055	0	%100
21	M109	X	5.805	5.805	0	%100
22	M109	Z	10.055	10.055	0	%100
23	M88	X	4.064	4.064	0	%100
24	M88	Z	7.038	7.038	0	%100
25	M93	X	2.757	2.757	0	%100
26	M93	Z	4.776	4.776	0	%100
27	MP4A	X	3.677	3.677	0	%100
28	MP4A	Z	6.368	6.368	0	%100
29	MP3A	X	3.677	3.677	0	%100
30	MP3A	Z	6.368	6.368	0	%100
31	MP2A	X	4.451	4.451	0	%100
32	MP2A	Z	7.709	7.709	0	%100
33	MP1A	X	3.677	3.677	0	%100
34	MP1A	Z	6.368	6.368	0	%100
35	M40	X	6.671	6.671	0	%100
36	M40	Z	11.554	11.554	0	%100
37	M56A	X	2.541	2.541	0	%100
38	M56A	Z	4.401	4.401	0	%100
39	M57A	X	2.541	2.541	0	%100
40	M57A	Z	4.401	4.401	0	%100
41	M63A	X	1.668	1.668	0	%100
42	M63A	Z	2.889	2.889	0	%100
43	M79	X	9.2e-5	9.2e-5	0	%100
44	M79	Z	.000159	.000159	0	%100
45	M80	X	2.571	2.571	0	%100
46	M80	Z	4.454	4.454	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	3.677	3.677	0	%100
52	MP4C	Z	6.368	6.368	0	%100
53	MP3C	X	3.677	3.677	0	%100
54	MP3C	Z	6.368	6.368	0	%100
55	MP1C	X	3.677	3.677	0	%100
56	MP1C	Z	6.368	6.368	0	%100
57	M98	X	4.064	4.064	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,%]
58	M98	Z	7.038	7.038	0	%100
59	M103	X	2.757	2.757	0	%100
60	M103	Z	4.776	4.776	0	%100
61	MP4B	X	3.677	3.677	0	%100
62	MP4B	Z	6.368	6.368	0	%100
63	MP3B	X	3.677	3.677	0	%100
64	MP3B	Z	6.368	6.368	0	%100
65	MP1B	X	3.677	3.677	0	%100
66	MP1B	Z	6.368	6.368	0	%100
67	OVP1	X	2.663	2.663	0	%100
68	OVP1	Z	4.612	4.612	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	6.414	6.414	0	%100
72	M119	Z	11.109	11.109	0	%100
73	M121	X	2.663	2.663	0	%100
74	M121	Z	4.612	4.612	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	4.822	4.822	0	%100
80	M120A	Z	8.351	8.351	0	%100
81	M121A	X	4.822	4.822	0	%100
82	M121A	Z	8.351	8.351	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	.306	.306	0	%100
90	M119B	Z	.53	.53	0	%100
91	M120B	X	.34	.34	0	%100
92	M120B	Z	.59	.59	0	%100
93	M121B	X	.272	.272	0	%100
94	M121B	Z	.47	.47	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	5.805	5.805	0	%100
100	M120C	Z	10.055	10.055	0	%100
101	M121C	X	5.805	5.805	0	%100
102	M121C	Z	10.054	10.054	0	%100
103	MP2C	X	4.451	4.451	0	%100
104	MP2C	Z	7.709	7.709	0	%100
105	MP2B	X	4.451	4.451	0	%100
106	MP2B	Z	7.709	7.709	0	%100
107	M122	X	4.685	4.685	0	%100
108	M122	Z	8.114	8.114	0	%100
109	M122A	X	7.306	7.306	0	%100
110	M122A	Z	12.654	12.654	0	%100
111	M123	X	4.685	4.685	0	%100
112	M123	Z	8.114	8.114	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	12.857	12.857	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	12.857	12.857	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	.816	.816	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	.908	.908	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	.724	.724	0	%100
13	M66	X	0	0	0	%100
14	M66	Z	1.735	1.735	0	%100
15	M67	X	0	0	0	%100
16	M67	Z	1.735	1.735	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	17.103	17.103	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	15.481	15.481	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	15.481	15.481	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	10.836	10.836	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	7.353	7.353	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	7.353	7.353	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	7.353	7.353	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	8.901	8.901	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	7.353	7.353	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	10.006	10.006	0	%100
37	M56A	X	0	0	0	%100
38	M56A	Z	6.816	6.816	0	%100
39	M57A	X	0	0	0	%100
40	M57A	Z	1.674	1.674	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	10.006	10.006	0	%100
43	M79	X	0	0	0	%100
44	M79	Z	1.674	1.674	0	%100
45	M80	X	0	0	0	%100
46	M80	Z	6.816	6.816	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	2.709	2.709	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	1.838	1.838	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	7.353	7.353	0	%100
53	MP3C	X	0	0	0	%100
54	MP3C	Z	7.353	7.353	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	7.353	7.353	0	%100
57	M98	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	M98	Z	2.709	2.709	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	1.838	1.838	0	%100
61	MP4B	X	0	0	0	%100
62	MP4B	Z	7.353	7.353	0	%100
63	MP3B	X	0	0	0	%100
64	MP3B	Z	7.353	7.353	0	%100
65	MP1B	X	0	0	0	%100
66	MP1B	Z	7.353	7.353	0	%100
67	OVP1	X	0	0	0	%100
68	OVP1	Z	5.325	5.325	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	4.275	4.275	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	4.276	4.276	0	%100
73	M121	X	0	0	0	%100
74	M121	Z	5.325	5.325	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	3.214	3.214	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	3.214	3.214	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	3.214	3.214	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	3.214	3.214	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	.204	.204	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	.227	.227	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	.181	.181	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	.204	.204	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	.227	.227	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	.181	.181	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	3.87	3.87	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	3.871	3.871	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	3.87	3.87	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	3.87	3.87	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	8.901	8.901	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	8.901	8.901	0	%100
107	M122	X	0	0	0	%100
108	M122	Z	7.622	7.622	0	%100
109	M122A	X	0	0	0	%100
110	M122A	Z	12.864	12.864	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	12.864	12.864	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	M48	X	-1.668	-1.668	0	%100
2	M48	Z	2.889	2.889	0	%100
3	M53	X	-4.822	-4.822	0	%100
4	M53	Z	8.351	8.351	0	%100
5	M54	X	-4.822	-4.822	0	%100
6	M54	Z	8.351	8.351	0	%100
7	M62	X	-.306	-.306	0	%100
8	M62	Z	.53	.53	0	%100
9	M63	X	-.34	-.34	0	%100
10	M63	Z	.59	.59	0	%100
11	M65	X	-.272	-.272	0	%100
12	M65	Z	.47	.47	0	%100
13	M66	X	-9.2e-5	-9.2e-5	0	%100
14	M66	Z	.000159	.000159	0	%100
15	M67	X	-2.571	-2.571	0	%100
16	M67	Z	4.454	4.454	0	%100
17	M111	X	-6.414	-6.414	0	%100
18	M111	Z	11.109	11.109	0	%100
19	M108	X	-5.805	-5.805	0	%100
20	M108	Z	10.055	10.055	0	%100
21	M109	X	-5.805	-5.805	0	%100
22	M109	Z	10.054	10.054	0	%100
23	M88	X	-4.064	-4.064	0	%100
24	M88	Z	7.038	7.038	0	%100
25	M93	X	-2.757	-2.757	0	%100
26	M93	Z	4.776	4.776	0	%100
27	MP4A	X	-3.677	-3.677	0	%100
28	MP4A	Z	6.368	6.368	0	%100
29	MP3A	X	-3.677	-3.677	0	%100
30	MP3A	Z	6.368	6.368	0	%100
31	MP2A	X	-4.451	-4.451	0	%100
32	MP2A	Z	7.709	7.709	0	%100
33	MP1A	X	-3.677	-3.677	0	%100
34	MP1A	Z	6.368	6.368	0	%100
35	M40	X	-1.668	-1.668	0	%100
36	M40	Z	2.888	2.888	0	%100
37	M56A	X	-2.571	-2.571	0	%100
38	M56A	Z	4.454	4.454	0	%100
39	M57A	X	-9.2e-5	-9.2e-5	0	%100
40	M57A	Z	.000159	.000159	0	%100
41	M63A	X	-6.671	-6.671	0	%100
42	M63A	Z	11.554	11.554	0	%100
43	M79	X	-2.541	-2.541	0	%100
44	M79	Z	4.401	4.401	0	%100
45	M80	X	-2.541	-2.541	0	%100
46	M80	Z	4.401	4.401	0	%100
47	M84	X	-4.064	-4.064	0	%100
48	M84	Z	7.038	7.038	0	%100
49	M89	X	-2.757	-2.757	0	%100
50	M89	Z	4.776	4.776	0	%100
51	MP4C	X	-3.677	-3.677	0	%100
52	MP4C	Z	6.368	6.368	0	%100
53	MP3C	X	-3.677	-3.677	0	%100
54	MP3C	Z	6.368	6.368	0	%100
55	MP1C	X	-3.677	-3.677	0	%100
56	MP1C	Z	6.368	6.368	0	%100
57	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	-3.677	-3.677	0	%100
62	MP4B	Z	6.368	6.368	0	%100
63	MP3B	X	-3.677	-3.677	0	%100
64	MP3B	Z	6.368	6.368	0	%100
65	MP1B	X	-3.677	-3.677	0	%100
66	MP1B	Z	6.368	6.368	0	%100
67	OVP1	X	-2.663	-2.663	0	%100
68	OVP1	Z	4.612	4.612	0	%100
69	M118	X	-6.414	-6.414	0	%100
70	M118	Z	11.109	11.109	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	-2.663	-2.663	0	%100
74	M121	Z	4.612	4.612	0	%100
75	M118A	X	-4.822	-4.822	0	%100
76	M118A	Z	8.351	8.351	0	%100
77	M119A	X	-4.822	-4.822	0	%100
78	M119A	Z	8.351	8.351	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	-.306	-.306	0	%100
84	M116A	Z	.53	.53	0	%100
85	M117A	X	-.34	-.34	0	%100
86	M117A	Z	.59	.59	0	%100
87	M118B	X	-.272	-.272	0	%100
88	M118B	Z	.47	.47	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	-5.805	-5.805	0	%100
96	M118C	Z	10.055	10.055	0	%100
97	M119C	X	-5.805	-5.805	0	%100
98	M119C	Z	10.055	10.055	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	-4.451	-4.451	0	%100
104	MP2C	Z	7.709	7.709	0	%100
105	MP2B	X	-4.451	-4.451	0	%100
106	MP2B	Z	7.709	7.709	0	%100
107	M122	X	-4.685	-4.685	0	%100
108	M122	Z	8.114	8.114	0	%100
109	M122A	X	-4.685	-4.685	0	%100
110	M122A	Z	8.114	8.114	0	%100
111	M123	X	-7.306	-7.306	0	%100
112	M123	Z	12.654	12.654	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	M48	X	-8.665	-8.665	0	%100
2	M48	Z	5.003	5.003	0	%100
3	M53	X	-2.784	-2.784	0	%100
4	M53	Z	1.607	1.607	0	%100
5	M54	X	-2.784	-2.784	0	%100
6	M54	Z	1.607	1.607	0	%100
7	M62	X	-.177	-.177	0	%100
8	M62	Z	.102	.102	0	%100
9	M63	X	-.197	-.197	0	%100
10	M63	Z	.113	.113	0	%100
11	M65	X	-.157	-.157	0	%100
12	M65	Z	.091	.091	0	%100
13	M66	X	-1.449	-1.449	0	%100
14	M66	Z	.837	.837	0	%100
15	M67	X	-5.903	-5.903	0	%100
16	M67	Z	3.408	3.408	0	%100
17	M111	X	-3.703	-3.703	0	%100
18	M111	Z	2.138	2.138	0	%100
19	M108	X	-3.352	-3.352	0	%100
20	M108	Z	1.935	1.935	0	%100
21	M109	X	-3.351	-3.351	0	%100
22	M109	Z	1.935	1.935	0	%100
23	M88	X	-2.346	-2.346	0	%100
24	M88	Z	1.355	1.355	0	%100
25	M93	X	-1.592	-1.592	0	%100
26	M93	Z	.919	.919	0	%100
27	MP4A	X	-6.368	-6.368	0	%100
28	MP4A	Z	3.677	3.677	0	%100
29	MP3A	X	-6.368	-6.368	0	%100
30	MP3A	Z	3.677	3.677	0	%100
31	MP2A	X	-7.709	-7.709	0	%100
32	MP2A	Z	4.451	4.451	0	%100
33	MP1A	X	-6.368	-6.368	0	%100
34	MP1A	Z	3.677	3.677	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	-1.502	-1.502	0	%100
38	M56A	Z	.867	.867	0	%100
39	M57A	X	-1.502	-1.502	0	%100
40	M57A	Z	.867	.867	0	%100
41	M63A	X	-8.665	-8.665	0	%100
42	M63A	Z	5.003	5.003	0	%100
43	M79	X	-5.903	-5.903	0	%100
44	M79	Z	3.408	3.408	0	%100
45	M80	X	-1.449	-1.449	0	%100
46	M80	Z	.837	.837	0	%100
47	M84	X	-9.385	-9.385	0	%100
48	M84	Z	5.418	5.418	0	%100
49	M89	X	-6.368	-6.368	0	%100
50	M89	Z	3.677	3.677	0	%100
51	MP4C	X	-6.368	-6.368	0	%100
52	MP4C	Z	3.677	3.677	0	%100
53	MP3C	X	-6.368	-6.368	0	%100
54	MP3C	Z	3.677	3.677	0	%100
55	MP1C	X	-6.368	-6.368	0	%100
56	MP1C	Z	3.677	3.677	0	%100
57	M98	X	-2.346	-2.346	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,%]
58	M98	Z	1.355	1.355	0	%100
59	M103	X	-1.592	-1.592	0	%100
60	M103	Z	.919	.919	0	%100
61	MP4B	X	-6.368	-6.368	0	%100
62	MP4B	Z	3.677	3.677	0	%100
63	MP3B	X	-6.368	-6.368	0	%100
64	MP3B	Z	3.677	3.677	0	%100
65	MP1B	X	-6.368	-6.368	0	%100
66	MP1B	Z	3.677	3.677	0	%100
67	OVP1	X	-4.612	-4.612	0	%100
68	OVP1	Z	2.663	2.663	0	%100
69	M118	X	-14.812	-14.812	0	%100
70	M118	Z	8.552	8.552	0	%100
71	M119	X	-3.703	-3.703	0	%100
72	M119	Z	2.138	2.138	0	%100
73	M121	X	-4.612	-4.612	0	%100
74	M121	Z	2.663	2.663	0	%100
75	M118A	X	-11.135	-11.135	0	%100
76	M118A	Z	6.429	6.429	0	%100
77	M119A	X	-11.135	-11.135	0	%100
78	M119A	Z	6.429	6.429	0	%100
79	M120A	X	-2.784	-2.784	0	%100
80	M120A	Z	1.607	1.607	0	%100
81	M121A	X	-2.784	-2.784	0	%100
82	M121A	Z	1.607	1.607	0	%100
83	M116A	X	-.707	-.707	0	%100
84	M116A	Z	.408	.408	0	%100
85	M117A	X	-.786	-.786	0	%100
86	M117A	Z	.454	.454	0	%100
87	M118B	X	-.627	-.627	0	%100
88	M118B	Z	.362	.362	0	%100
89	M119B	X	-.177	-.177	0	%100
90	M119B	Z	.102	.102	0	%100
91	M120B	X	-.197	-.197	0	%100
92	M120B	Z	.113	.113	0	%100
93	M121B	X	-.157	-.157	0	%100
94	M121B	Z	.091	.091	0	%100
95	M118C	X	-13.407	-13.407	0	%100
96	M118C	Z	7.74	7.74	0	%100
97	M119C	X	-13.407	-13.407	0	%100
98	M119C	Z	7.74	7.74	0	%100
99	M120C	X	-3.352	-3.352	0	%100
100	M120C	Z	1.935	1.935	0	%100
101	M121C	X	-3.352	-3.352	0	%100
102	M121C	Z	1.935	1.935	0	%100
103	MP2C	X	-7.709	-7.709	0	%100
104	MP2C	Z	4.451	4.451	0	%100
105	MP2B	X	-7.709	-7.709	0	%100
106	MP2B	Z	4.451	4.451	0	%100
107	M122	X	-11.141	-11.141	0	%100
108	M122	Z	6.432	6.432	0	%100
109	M122A	X	-6.601	-6.601	0	%100
110	M122A	Z	3.811	3.811	0	%100
111	M123	X	-11.141	-11.141	0	%100
112	M123	Z	6.432	6.432	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	M48	X	-13.341	-13.341	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M66	X	-5.082	-5.082	0	%100
14	M66	Z	0	0	0	%100
15	M67	X	-5.082	-5.082	0	%100
16	M67	Z	0	0	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	0	0	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	0	0	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	MP4A	X	-7.353	-7.353	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-7.353	-7.353	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-8.901	-8.901	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-7.353	-7.353	0	%100
34	MP1A	Z	0	0	0	%100
35	M40	X	-3.335	-3.335	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	-.000184	-.000184	0	%100
38	M56A	Z	0	0	0	%100
39	M57A	X	-5.143	-5.143	0	%100
40	M57A	Z	0	0	0	%100
41	M63A	X	-3.335	-3.335	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	-5.143	-5.143	0	%100
44	M79	Z	0	0	0	%100
45	M80	X	-.000184	-.000184	0	%100
46	M80	Z	0	0	0	%100
47	M84	X	-8.127	-8.127	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	-5.515	-5.515	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	-7.353	-7.353	0	%100
52	MP4C	Z	0	0	0	%100
53	MP3C	X	-7.353	-7.353	0	%100
54	MP3C	Z	0	0	0	%100
55	MP1C	X	-7.353	-7.353	0	%100
56	MP1C	Z	0	0	0	%100
57	M98	X	-8.127	-8.127	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,%]
58	M98	Z	0	0	0	%100
59	M103	X	-5.515	-5.515	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	-7.353	-7.353	0	%100
62	MP4B	Z	0	0	0	%100
63	MP3B	X	-7.353	-7.353	0	%100
64	MP3B	Z	0	0	0	%100
65	MP1B	X	-7.353	-7.353	0	%100
66	MP1B	Z	0	0	0	%100
67	OVP1	X	-5.325	-5.325	0	%100
68	OVP1	Z	0	0	0	%100
69	M118	X	-12.828	-12.828	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	-12.827	-12.827	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	-5.325	-5.325	0	%100
74	M121	Z	0	0	0	%100
75	M118A	X	-9.643	-9.643	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	-9.643	-9.643	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	-9.643	-9.643	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	-9.643	-9.643	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	-.612	-.612	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	-.681	-.681	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	-.543	-.543	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	-.612	-.612	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	-.681	-.681	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	-.543	-.543	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	-11.61	-11.61	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	-11.61	-11.61	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	-11.61	-11.61	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	-11.611	-11.611	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	-8.901	-8.901	0	%100
104	MP2C	Z	0	0	0	%100
105	MP2B	X	-8.901	-8.901	0	%100
106	MP2B	Z	0	0	0	%100
107	M122	X	-14.612	-14.612	0	%100
108	M122	Z	0	0	0	%100
109	M122A	X	-9.369	-9.369	0	%100
110	M122A	Z	0	0	0	%100
111	M123	X	-9.369	-9.369	0	%100
112	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	-8.665	-8.665	0	%100
2	M48	Z	-5.003	-5.003	0	%100
3	M53	X	-2.784	-2.784	0	%100
4	M53	Z	-1.607	-1.607	0	%100
5	M54	X	-2.784	-2.784	0	%100
6	M54	Z	-1.607	-1.607	0	%100
7	M62	X	-.177	-.177	0	%100
8	M62	Z	-.102	-.102	0	%100
9	M63	X	-.197	-.197	0	%100
10	M63	Z	-.113	-.113	0	%100
11	M65	X	-.157	-.157	0	%100
12	M65	Z	-.091	-.091	0	%100
13	M66	X	-5.903	-5.903	0	%100
14	M66	Z	-3.408	-3.408	0	%100
15	M67	X	-1.449	-1.449	0	%100
16	M67	Z	-.837	-.837	0	%100
17	M111	X	-3.703	-3.703	0	%100
18	M111	Z	-2.138	-2.138	0	%100
19	M108	X	-3.352	-3.352	0	%100
20	M108	Z	-1.935	-1.935	0	%100
21	M109	X	-3.352	-3.352	0	%100
22	M109	Z	-1.935	-1.935	0	%100
23	M88	X	-2.346	-2.346	0	%100
24	M88	Z	-1.355	-1.355	0	%100
25	M93	X	-1.592	-1.592	0	%100
26	M93	Z	-.919	-.919	0	%100
27	MP4A	X	-6.368	-6.368	0	%100
28	MP4A	Z	-3.677	-3.677	0	%100
29	MP3A	X	-6.368	-6.368	0	%100
30	MP3A	Z	-3.677	-3.677	0	%100
31	MP2A	X	-7.709	-7.709	0	%100
32	MP2A	Z	-4.451	-4.451	0	%100
33	MP1A	X	-6.368	-6.368	0	%100
34	MP1A	Z	-3.677	-3.677	0	%100
35	M40	X	-8.665	-8.665	0	%100
36	M40	Z	-5.003	-5.003	0	%100
37	M56A	X	-1.449	-1.449	0	%100
38	M56A	Z	-.837	-.837	0	%100
39	M57A	X	-5.903	-5.903	0	%100
40	M57A	Z	-3.408	-3.408	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	-1.502	-1.502	0	%100
44	M79	Z	-.867	-.867	0	%100
45	M80	X	-1.502	-1.502	0	%100
46	M80	Z	-.867	-.867	0	%100
47	M84	X	-2.346	-2.346	0	%100
48	M84	Z	-1.355	-1.355	0	%100
49	M89	X	-1.592	-1.592	0	%100
50	M89	Z	-.919	-.919	0	%100
51	MP4C	X	-6.368	-6.368	0	%100
52	MP4C	Z	-3.677	-3.677	0	%100
53	MP3C	X	-6.368	-6.368	0	%100
54	MP3C	Z	-3.677	-3.677	0	%100
55	MP1C	X	-6.368	-6.368	0	%100
56	MP1C	Z	-3.677	-3.677	0	%100
57	M98	X	-9.385	-9.385	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,%]
58	M98	Z	-5.418	-5.418	0	%100
59	M103	X	-6.368	-6.368	0	%100
60	M103	Z	-3.677	-3.677	0	%100
61	MP4B	X	-6.368	-6.368	0	%100
62	MP4B	Z	-3.677	-3.677	0	%100
63	MP3B	X	-6.368	-6.368	0	%100
64	MP3B	Z	-3.677	-3.677	0	%100
65	MP1B	X	-6.368	-6.368	0	%100
66	MP1B	Z	-3.677	-3.677	0	%100
67	OVP1	X	-4.612	-4.612	0	%100
68	OVP1	Z	-2.663	-2.663	0	%100
69	M118	X	-3.703	-3.703	0	%100
70	M118	Z	-2.138	-2.138	0	%100
71	M119	X	-14.812	-14.812	0	%100
72	M119	Z	-8.552	-8.552	0	%100
73	M121	X	-4.612	-4.612	0	%100
74	M121	Z	-2.663	-2.663	0	%100
75	M118A	X	-2.784	-2.784	0	%100
76	M118A	Z	-1.607	-1.607	0	%100
77	M119A	X	-2.784	-2.784	0	%100
78	M119A	Z	-1.607	-1.607	0	%100
79	M120A	X	-11.135	-11.135	0	%100
80	M120A	Z	-6.429	-6.429	0	%100
81	M121A	X	-11.135	-11.135	0	%100
82	M121A	Z	-6.429	-6.429	0	%100
83	M116A	X	-.177	-.177	0	%100
84	M116A	Z	-.102	-.102	0	%100
85	M117A	X	-.197	-.197	0	%100
86	M117A	Z	-.113	-.113	0	%100
87	M118B	X	-.157	-.157	0	%100
88	M118B	Z	-.091	-.091	0	%100
89	M119B	X	-.707	-.707	0	%100
90	M119B	Z	-.408	-.408	0	%100
91	M120B	X	-.786	-.786	0	%100
92	M120B	Z	-.454	-.454	0	%100
93	M121B	X	-.627	-.627	0	%100
94	M121B	Z	-.362	-.362	0	%100
95	M118C	X	-3.352	-3.352	0	%100
96	M118C	Z	-1.935	-1.935	0	%100
97	M119C	X	-3.351	-3.351	0	%100
98	M119C	Z	-1.935	-1.935	0	%100
99	M120C	X	-13.407	-13.407	0	%100
100	M120C	Z	-7.74	-7.74	0	%100
101	M121C	X	-13.407	-13.407	0	%100
102	M121C	Z	-7.74	-7.74	0	%100
103	MP2C	X	-7.709	-7.709	0	%100
104	MP2C	Z	-4.451	-4.451	0	%100
105	MP2B	X	-7.709	-7.709	0	%100
106	MP2B	Z	-4.451	-4.451	0	%100
107	M122	X	-11.141	-11.141	0	%100
108	M122	Z	-6.432	-6.432	0	%100
109	M122A	X	-11.141	-11.141	0	%100
110	M122A	Z	-6.432	-6.432	0	%100
111	M123	X	-6.601	-6.601	0	%100
112	M123	Z	-3.811	-3.811	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	M48	X	-1.668	-1.668	0	%100
2	M48	Z	-2.888	-2.888	0	%100
3	M53	X	-4.822	-4.822	0	%100
4	M53	Z	-8.351	-8.351	0	%100
5	M54	X	-4.822	-4.822	0	%100
6	M54	Z	-8.351	-8.351	0	%100
7	M62	X	-.306	-.306	0	%100
8	M62	Z	-.53	-.53	0	%100
9	M63	X	-.34	-.34	0	%100
10	M63	Z	-.59	-.59	0	%100
11	M65	X	-.272	-.272	0	%100
12	M65	Z	-.47	-.47	0	%100
13	M66	X	-2.571	-2.571	0	%100
14	M66	Z	-4.454	-4.454	0	%100
15	M67	X	-9.2e-5	-9.2e-5	0	%100
16	M67	Z	-.000159	-.000159	0	%100
17	M111	X	-6.414	-6.414	0	%100
18	M111	Z	-11.109	-11.109	0	%100
19	M108	X	-5.805	-5.805	0	%100
20	M108	Z	-10.055	-10.055	0	%100
21	M109	X	-5.805	-5.805	0	%100
22	M109	Z	-10.055	-10.055	0	%100
23	M88	X	-4.064	-4.064	0	%100
24	M88	Z	-7.038	-7.038	0	%100
25	M93	X	-2.757	-2.757	0	%100
26	M93	Z	-4.776	-4.776	0	%100
27	MP4A	X	-3.677	-3.677	0	%100
28	MP4A	Z	-6.368	-6.368	0	%100
29	MP3A	X	-3.677	-3.677	0	%100
30	MP3A	Z	-6.368	-6.368	0	%100
31	MP2A	X	-4.451	-4.451	0	%100
32	MP2A	Z	-7.709	-7.709	0	%100
33	MP1A	X	-3.677	-3.677	0	%100
34	MP1A	Z	-6.368	-6.368	0	%100
35	M40	X	-6.671	-6.671	0	%100
36	M40	Z	-11.554	-11.554	0	%100
37	M56A	X	-2.541	-2.541	0	%100
38	M56A	Z	-4.401	-4.401	0	%100
39	M57A	X	-2.541	-2.541	0	%100
40	M57A	Z	-4.401	-4.401	0	%100
41	M63A	X	-1.668	-1.668	0	%100
42	M63A	Z	-2.889	-2.889	0	%100
43	M79	X	-9.2e-5	-9.2e-5	0	%100
44	M79	Z	-.000159	-.000159	0	%100
45	M80	X	-2.571	-2.571	0	%100
46	M80	Z	-4.454	-4.454	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	-3.677	-3.677	0	%100
52	MP4C	Z	-6.368	-6.368	0	%100
53	MP3C	X	-3.677	-3.677	0	%100
54	MP3C	Z	-6.368	-6.368	0	%100
55	MP1C	X	-3.677	-3.677	0	%100
56	MP1C	Z	-6.368	-6.368	0	%100
57	M98	X	-4.064	-4.064	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,%]
58	M98	Z	-7.038	-7.038	0	%100
59	M103	X	-2.757	-2.757	0	%100
60	M103	Z	-4.776	-4.776	0	%100
61	MP4B	X	-3.677	-3.677	0	%100
62	MP4B	Z	-6.368	-6.368	0	%100
63	MP3B	X	-3.677	-3.677	0	%100
64	MP3B	Z	-6.368	-6.368	0	%100
65	MP1B	X	-3.677	-3.677	0	%100
66	MP1B	Z	-6.368	-6.368	0	%100
67	OVP1	X	-2.663	-2.663	0	%100
68	OVP1	Z	-4.612	-4.612	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	-6.414	-6.414	0	%100
72	M119	Z	-11.109	-11.109	0	%100
73	M121	X	-2.663	-2.663	0	%100
74	M121	Z	-4.612	-4.612	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	-4.822	-4.822	0	%100
80	M120A	Z	-8.351	-8.351	0	%100
81	M121A	X	-4.822	-4.822	0	%100
82	M121A	Z	-8.351	-8.351	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	-.306	-.306	0	%100
90	M119B	Z	-.53	-.53	0	%100
91	M120B	X	-.34	-.34	0	%100
92	M120B	Z	-.59	-.59	0	%100
93	M121B	X	-.272	-.272	0	%100
94	M121B	Z	-.47	-.47	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	-5.805	-5.805	0	%100
100	M120C	Z	-10.055	-10.055	0	%100
101	M121C	X	-5.805	-5.805	0	%100
102	M121C	Z	-10.054	-10.054	0	%100
103	MP2C	X	-4.451	-4.451	0	%100
104	MP2C	Z	-7.709	-7.709	0	%100
105	MP2B	X	-4.451	-4.451	0	%100
106	MP2B	Z	-7.709	-7.709	0	%100
107	M122	X	-4.685	-4.685	0	%100
108	M122	Z	-8.114	-8.114	0	%100
109	M122A	X	-7.306	-7.306	0	%100
110	M122A	Z	-12.654	-12.654	0	%100
111	M123	X	-4.685	-4.685	0	%100
112	M123	Z	-8.114	-8.114	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-2.881	-2.881	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-2.881	-2.881	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-.993	-.993	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-1.113	-1.113	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	-.874	-.874	0	%100
13	M66	X	0	0	0	%100
14	M66	Z	-.528	-.528	0	%100
15	M67	X	0	0	0	%100
16	M67	Z	-.528	-.528	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	-3.445	-3.445	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	-3.103	-3.103	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	-3.103	-3.103	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	-2.808	-2.808	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	-2.25	-2.25	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-2.25	-2.25	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-2.25	-2.25	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-2.498	-2.498	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-2.25	-2.25	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	-2.406	-2.406	0	%100
37	M56A	X	0	0	0	%100
38	M56A	Z	-2.076	-2.076	0	%100
39	M57A	X	0	0	0	%100
40	M57A	Z	-.51	-.51	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	-2.406	-2.406	0	%100
43	M79	X	0	0	0	%100
44	M79	Z	-.51	-.51	0	%100
45	M80	X	0	0	0	%100
46	M80	Z	-2.076	-2.076	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	-.702	-.702	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	-.563	-.563	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	-2.25	-2.25	0	%100
53	MP3C	X	0	0	0	%100
54	MP3C	Z	-2.25	-2.25	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	-2.25	-2.25	0	%100
57	M98	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,%]
58	M98	Z	-.702	-.702	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	-.563	-.563	0	%100
61	MP4B	X	0	0	0	%100
62	MP4B	Z	-2.25	-2.25	0	%100
63	MP3B	X	0	0	0	%100
64	MP3B	Z	-2.25	-2.25	0	%100
65	MP1B	X	0	0	0	%100
66	MP1B	Z	-2.25	-2.25	0	%100
67	OVP1	X	0	0	0	%100
68	OVP1	Z	-1.649	-1.649	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	-.861	-.861	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	-.861	-.861	0	%100
73	M121	X	0	0	0	%100
74	M121	Z	-1.649	-1.649	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	-.72	-.72	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	-.72	-.72	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	-.72	-.72	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	-.72	-.72	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	-.248	-.248	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	-.278	-.278	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	-.219	-.219	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	-.248	-.248	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	-.278	-.278	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	-.219	-.219	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	-.776	-.776	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	-.776	-.776	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	-.776	-.776	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	-.776	-.776	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	-2.498	-2.498	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-2.498	-2.498	0	%100
107	M122	X	0	0	0	%100
108	M122	Z	-1.55	-1.55	0	%100
109	M122A	X	0	0	0	%100
110	M122A	Z	-2.946	-2.946	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-2.946	-2.946	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	M48	X	.401	.401	0	%100
2	M48	Z	-.695	-.695	0	%100
3	M53	X	1.081	1.081	0	%100
4	M53	Z	-1.872	-1.872	0	%100
5	M54	X	1.081	1.081	0	%100
6	M54	Z	-1.872	-1.872	0	%100
7	M62	X	.373	.373	0	%100
8	M62	Z	-.645	-.645	0	%100
9	M63	X	.417	.417	0	%100
10	M63	Z	-.723	-.723	0	%100
11	M65	X	.328	.328	0	%100
12	M65	Z	-.568	-.568	0	%100
13	M66	X	2.8e-5	2.8e-5	0	%100
14	M66	Z	-4.9e-5	-4.9e-5	0	%100
15	M67	X	.783	.783	0	%100
16	M67	Z	-1.357	-1.357	0	%100
17	M111	X	1.292	1.292	0	%100
18	M111	Z	-2.238	-2.238	0	%100
19	M108	X	1.164	1.164	0	%100
20	M108	Z	-2.016	-2.016	0	%100
21	M109	X	1.164	1.164	0	%100
22	M109	Z	-2.016	-2.016	0	%100
23	M88	X	1.053	1.053	0	%100
24	M88	Z	-1.824	-1.824	0	%100
25	M93	X	.844	.844	0	%100
26	M93	Z	-1.462	-1.462	0	%100
27	MP4A	X	1.125	1.125	0	%100
28	MP4A	Z	-1.949	-1.949	0	%100
29	MP3A	X	1.125	1.125	0	%100
30	MP3A	Z	-1.949	-1.949	0	%100
31	MP2A	X	1.249	1.249	0	%100
32	MP2A	Z	-2.163	-2.163	0	%100
33	MP1A	X	1.125	1.125	0	%100
34	MP1A	Z	-1.949	-1.949	0	%100
35	M40	X	.401	.401	0	%100
36	M40	Z	-.695	-.695	0	%100
37	M56A	X	.783	.783	0	%100
38	M56A	Z	-1.357	-1.357	0	%100
39	M57A	X	2.8e-5	2.8e-5	0	%100
40	M57A	Z	-4.9e-5	-4.9e-5	0	%100
41	M63A	X	1.604	1.604	0	%100
42	M63A	Z	-2.778	-2.778	0	%100
43	M79	X	.774	.774	0	%100
44	M79	Z	-1.341	-1.341	0	%100
45	M80	X	.774	.774	0	%100
46	M80	Z	-1.341	-1.341	0	%100
47	M84	X	1.053	1.053	0	%100
48	M84	Z	-1.824	-1.824	0	%100
49	M89	X	.844	.844	0	%100
50	M89	Z	-1.462	-1.462	0	%100
51	MP4C	X	1.125	1.125	0	%100
52	MP4C	Z	-1.949	-1.949	0	%100
53	MP3C	X	1.125	1.125	0	%100
54	MP3C	Z	-1.949	-1.949	0	%100
55	MP1C	X	1.125	1.125	0	%100
56	MP1C	Z	-1.949	-1.949	0	%100
57	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	1.125	1.125	0	%100
62	MP4B	Z	-1.949	-1.949	0	%100
63	MP3B	X	1.125	1.125	0	%100
64	MP3B	Z	-1.949	-1.949	0	%100
65	MP1B	X	1.125	1.125	0	%100
66	MP1B	Z	-1.949	-1.949	0	%100
67	OVP1	X	.824	.824	0	%100
68	OVP1	Z	-1.428	-1.428	0	%100
69	M118	X	1.292	1.292	0	%100
70	M118	Z	-2.238	-2.238	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	.824	.824	0	%100
74	M121	Z	-1.428	-1.428	0	%100
75	M118A	X	1.081	1.081	0	%100
76	M118A	Z	-1.872	-1.872	0	%100
77	M119A	X	1.081	1.081	0	%100
78	M119A	Z	-1.872	-1.872	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	.373	.373	0	%100
84	M116A	Z	-.645	-.645	0	%100
85	M117A	X	.417	.417	0	%100
86	M117A	Z	-.723	-.723	0	%100
87	M118B	X	.328	.328	0	%100
88	M118B	Z	-.568	-.568	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	1.164	1.164	0	%100
96	M118C	Z	-2.016	-2.016	0	%100
97	M119C	X	1.164	1.164	0	%100
98	M119C	Z	-2.016	-2.016	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	1.249	1.249	0	%100
104	MP2C	Z	-2.163	-2.163	0	%100
105	MP2B	X	1.249	1.249	0	%100
106	MP2B	Z	-2.163	-2.163	0	%100
107	M122	X	1.008	1.008	0	%100
108	M122	Z	-1.745	-1.745	0	%100
109	M122A	X	1.008	1.008	0	%100
110	M122A	Z	-1.745	-1.745	0	%100
111	M123	X	1.706	1.706	0	%100
112	M123	Z	-2.955	-2.955	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	M48	X	2.084	2.084	0	%100
2	M48	Z	-1.203	-1.203	0	%100
3	M53	X	.624	.624	0	%100
4	M53	Z	-.36	-.36	0	%100
5	M54	X	.624	.624	0	%100
6	M54	Z	-.36	-.36	0	%100
7	M62	X	.215	.215	0	%100
8	M62	Z	-.124	-.124	0	%100
9	M63	X	.241	.241	0	%100
10	M63	Z	-.139	-.139	0	%100
11	M65	X	.189	.189	0	%100
12	M65	Z	-.109	-.109	0	%100
13	M66	X	.441	.441	0	%100
14	M66	Z	-.255	-.255	0	%100
15	M67	X	1.798	1.798	0	%100
16	M67	Z	-1.038	-1.038	0	%100
17	M111	X	.746	.746	0	%100
18	M111	Z	-.431	-.431	0	%100
19	M108	X	.672	.672	0	%100
20	M108	Z	-.388	-.388	0	%100
21	M109	X	.672	.672	0	%100
22	M109	Z	-.388	-.388	0	%100
23	M88	X	.608	.608	0	%100
24	M88	Z	-.351	-.351	0	%100
25	M93	X	.487	.487	0	%100
26	M93	Z	-.281	-.281	0	%100
27	MP4A	X	1.949	1.949	0	%100
28	MP4A	Z	-1.125	-1.125	0	%100
29	MP3A	X	1.949	1.949	0	%100
30	MP3A	Z	-1.125	-1.125	0	%100
31	MP2A	X	2.163	2.163	0	%100
32	MP2A	Z	-1.249	-1.249	0	%100
33	MP1A	X	1.949	1.949	0	%100
34	MP1A	Z	-1.125	-1.125	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	.458	.458	0	%100
38	M56A	Z	-.264	-.264	0	%100
39	M57A	X	.458	.458	0	%100
40	M57A	Z	-.264	-.264	0	%100
41	M63A	X	2.084	2.084	0	%100
42	M63A	Z	-1.203	-1.203	0	%100
43	M79	X	1.798	1.798	0	%100
44	M79	Z	-1.038	-1.038	0	%100
45	M80	X	.441	.441	0	%100
46	M80	Z	-.255	-.255	0	%100
47	M84	X	2.431	2.431	0	%100
48	M84	Z	-1.404	-1.404	0	%100
49	M89	X	1.949	1.949	0	%100
50	M89	Z	-1.125	-1.125	0	%100
51	MP4C	X	1.949	1.949	0	%100
52	MP4C	Z	-1.125	-1.125	0	%100
53	MP3C	X	1.949	1.949	0	%100
54	MP3C	Z	-1.125	-1.125	0	%100
55	MP1C	X	1.949	1.949	0	%100
56	MP1C	Z	-1.125	-1.125	0	%100
57	M98	X	.608	.608	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	-.351	-.351	0	%100
59	M103	X	.487	.487	0	%100
60	M103	Z	-.281	-.281	0	%100
61	MP4B	X	1.949	1.949	0	%100
62	MP4B	Z	-1.125	-1.125	0	%100
63	MP3B	X	1.949	1.949	0	%100
64	MP3B	Z	-1.125	-1.125	0	%100
65	MP1B	X	1.949	1.949	0	%100
66	MP1B	Z	-1.125	-1.125	0	%100
67	OVP1	X	1.428	1.428	0	%100
68	OVP1	Z	-.824	-.824	0	%100
69	M118	X	2.984	2.984	0	%100
70	M118	Z	-1.723	-1.723	0	%100
71	M119	X	.746	.746	0	%100
72	M119	Z	-.431	-.431	0	%100
73	M121	X	1.428	1.428	0	%100
74	M121	Z	-.824	-.824	0	%100
75	M118A	X	2.495	2.495	0	%100
76	M118A	Z	-1.441	-1.441	0	%100
77	M119A	X	2.495	2.495	0	%100
78	M119A	Z	-1.441	-1.441	0	%100
79	M120A	X	.624	.624	0	%100
80	M120A	Z	-.36	-.36	0	%100
81	M121A	X	.624	.624	0	%100
82	M121A	Z	-.36	-.36	0	%100
83	M116A	X	.86	.86	0	%100
84	M116A	Z	-.497	-.497	0	%100
85	M117A	X	.964	.964	0	%100
86	M117A	Z	-.556	-.556	0	%100
87	M118B	X	.757	.757	0	%100
88	M118B	Z	-.437	-.437	0	%100
89	M119B	X	.215	.215	0	%100
90	M119B	Z	-.124	-.124	0	%100
91	M120B	X	.241	.241	0	%100
92	M120B	Z	-.139	-.139	0	%100
93	M121B	X	.189	.189	0	%100
94	M121B	Z	-.109	-.109	0	%100
95	M118C	X	2.687	2.687	0	%100
96	M118C	Z	-1.552	-1.552	0	%100
97	M119C	X	2.687	2.687	0	%100
98	M119C	Z	-1.552	-1.552	0	%100
99	M120C	X	.672	.672	0	%100
100	M120C	Z	-.388	-.388	0	%100
101	M121C	X	.672	.672	0	%100
102	M121C	Z	-.388	-.388	0	%100
103	MP2C	X	2.163	2.163	0	%100
104	MP2C	Z	-1.249	-1.249	0	%100
105	MP2B	X	2.163	2.163	0	%100
106	MP2B	Z	-1.249	-1.249	0	%100
107	M122	X	2.551	2.551	0	%100
108	M122	Z	-1.473	-1.473	0	%100
109	M122A	X	1.342	1.342	0	%100
110	M122A	Z	-.775	-.775	0	%100
111	M123	X	2.551	2.551	0	%100
112	M123	Z	-1.473	-1.473	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	M48	X	3.208	3.208	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M66	X	1.548	1.548	0	%100
14	M66	Z	0	0	0	%100
15	M67	X	1.548	1.548	0	%100
16	M67	Z	0	0	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	0	0	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	0	0	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	MP4A	X	2.25	2.25	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	2.25	2.25	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	2.498	2.498	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	2.25	2.25	0	%100
34	MP1A	Z	0	0	0	%100
35	M40	X	.802	.802	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	5.6e-5	5.6e-5	0	%100
38	M56A	Z	0	0	0	%100
39	M57A	X	1.567	1.567	0	%100
40	M57A	Z	0	0	0	%100
41	M63A	X	.802	.802	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	1.567	1.567	0	%100
44	M79	Z	0	0	0	%100
45	M80	X	5.6e-5	5.6e-5	0	%100
46	M80	Z	0	0	0	%100
47	M84	X	2.106	2.106	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	1.688	1.688	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	2.25	2.25	0	%100
52	MP4C	Z	0	0	0	%100
53	MP3C	X	2.25	2.25	0	%100
54	MP3C	Z	0	0	0	%100
55	MP1C	X	2.25	2.25	0	%100
56	MP1C	Z	0	0	0	%100
57	M98	X	2.106	2.106	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	1.688	1.688	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	2.25	2.25	0	%100
62	MP4B	Z	0	0	0	%100
63	MP3B	X	2.25	2.25	0	%100
64	MP3B	Z	0	0	0	%100
65	MP1B	X	2.25	2.25	0	%100
66	MP1B	Z	0	0	0	%100
67	OVP1	X	1.649	1.649	0	%100
68	OVP1	Z	0	0	0	%100
69	M118	X	2.584	2.584	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	2.584	2.584	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	1.649	1.649	0	%100
74	M121	Z	0	0	0	%100
75	M118A	X	2.161	2.161	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	2.161	2.161	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	2.161	2.161	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	2.161	2.161	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	.745	.745	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	.834	.834	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	.656	.656	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	.745	.745	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	.834	.834	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	.656	.656	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	2.327	2.327	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	2.327	2.327	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	2.327	2.327	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	2.328	2.328	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	2.498	2.498	0	%100
104	MP2C	Z	0	0	0	%100
105	MP2B	X	2.498	2.498	0	%100
106	MP2B	Z	0	0	0	%100
107	M122	X	3.412	3.412	0	%100
108	M122	Z	0	0	0	%100
109	M122A	X	2.015	2.015	0	%100
110	M122A	Z	0	0	0	%100
111	M123	X	2.015	2.015	0	%100
112	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	2.084	2.084	0	%100
2	M48	Z	1.203	1.203	0	%100
3	M53	X	.624	.624	0	%100
4	M53	Z	.36	.36	0	%100
5	M54	X	.624	.624	0	%100
6	M54	Z	.36	.36	0	%100
7	M62	X	.215	.215	0	%100
8	M62	Z	.124	.124	0	%100
9	M63	X	.241	.241	0	%100
10	M63	Z	.139	.139	0	%100
11	M65	X	.189	.189	0	%100
12	M65	Z	.109	.109	0	%100
13	M66	X	1.798	1.798	0	%100
14	M66	Z	1.038	1.038	0	%100
15	M67	X	.441	.441	0	%100
16	M67	Z	.255	.255	0	%100
17	M111	X	.746	.746	0	%100
18	M111	Z	.431	.431	0	%100
19	M108	X	.672	.672	0	%100
20	M108	Z	.388	.388	0	%100
21	M109	X	.672	.672	0	%100
22	M109	Z	.388	.388	0	%100
23	M88	X	.608	.608	0	%100
24	M88	Z	.351	.351	0	%100
25	M93	X	.487	.487	0	%100
26	M93	Z	.281	.281	0	%100
27	MP4A	X	1.949	1.949	0	%100
28	MP4A	Z	1.125	1.125	0	%100
29	MP3A	X	1.949	1.949	0	%100
30	MP3A	Z	1.125	1.125	0	%100
31	MP2A	X	2.163	2.163	0	%100
32	MP2A	Z	1.249	1.249	0	%100
33	MP1A	X	1.949	1.949	0	%100
34	MP1A	Z	1.125	1.125	0	%100
35	M40	X	2.084	2.084	0	%100
36	M40	Z	1.203	1.203	0	%100
37	M56A	X	.441	.441	0	%100
38	M56A	Z	.255	.255	0	%100
39	M57A	X	1.798	1.798	0	%100
40	M57A	Z	1.038	1.038	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	.458	.458	0	%100
44	M79	Z	.264	.264	0	%100
45	M80	X	.458	.458	0	%100
46	M80	Z	.264	.264	0	%100
47	M84	X	.608	.608	0	%100
48	M84	Z	.351	.351	0	%100
49	M89	X	.487	.487	0	%100
50	M89	Z	.281	.281	0	%100
51	MP4C	X	1.949	1.949	0	%100
52	MP4C	Z	1.125	1.125	0	%100
53	MP3C	X	1.949	1.949	0	%100
54	MP3C	Z	1.125	1.125	0	%100
55	MP1C	X	1.949	1.949	0	%100
56	MP1C	Z	1.125	1.125	0	%100
57	M98	X	2.431	2.431	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	1.404	1.404	0	%100
59	M103	X	1.949	1.949	0	%100
60	M103	Z	1.125	1.125	0	%100
61	MP4B	X	1.949	1.949	0	%100
62	MP4B	Z	1.125	1.125	0	%100
63	MP3B	X	1.949	1.949	0	%100
64	MP3B	Z	1.125	1.125	0	%100
65	MP1B	X	1.949	1.949	0	%100
66	MP1B	Z	1.125	1.125	0	%100
67	OVP1	X	1.428	1.428	0	%100
68	OVP1	Z	.824	.824	0	%100
69	M118	X	.746	.746	0	%100
70	M118	Z	.431	.431	0	%100
71	M119	X	2.984	2.984	0	%100
72	M119	Z	1.723	1.723	0	%100
73	M121	X	1.428	1.428	0	%100
74	M121	Z	.824	.824	0	%100
75	M118A	X	.624	.624	0	%100
76	M118A	Z	.36	.36	0	%100
77	M119A	X	.624	.624	0	%100
78	M119A	Z	.36	.36	0	%100
79	M120A	X	2.495	2.495	0	%100
80	M120A	Z	1.441	1.441	0	%100
81	M121A	X	2.495	2.495	0	%100
82	M121A	Z	1.441	1.441	0	%100
83	M116A	X	.215	.215	0	%100
84	M116A	Z	.124	.124	0	%100
85	M117A	X	.241	.241	0	%100
86	M117A	Z	.139	.139	0	%100
87	M118B	X	.189	.189	0	%100
88	M118B	Z	.109	.109	0	%100
89	M119B	X	.86	.86	0	%100
90	M119B	Z	.497	.497	0	%100
91	M120B	X	.964	.964	0	%100
92	M120B	Z	.556	.556	0	%100
93	M121B	X	.757	.757	0	%100
94	M121B	Z	.437	.437	0	%100
95	M118C	X	.672	.672	0	%100
96	M118C	Z	.388	.388	0	%100
97	M119C	X	.672	.672	0	%100
98	M119C	Z	.388	.388	0	%100
99	M120C	X	2.687	2.687	0	%100
100	M120C	Z	1.552	1.552	0	%100
101	M121C	X	2.687	2.687	0	%100
102	M121C	Z	1.552	1.552	0	%100
103	MP2C	X	2.163	2.163	0	%100
104	MP2C	Z	1.249	1.249	0	%100
105	MP2B	X	2.163	2.163	0	%100
106	MP2B	Z	1.249	1.249	0	%100
107	M122	X	2.551	2.551	0	%100
108	M122	Z	1.473	1.473	0	%100
109	M122A	X	2.551	2.551	0	%100
110	M122A	Z	1.473	1.473	0	%100
111	M123	X	1.342	1.342	0	%100
112	M123	Z	.775	.775	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	M48	X	.401	.401	0	%100
2	M48	Z	.695	.695	0	%100
3	M53	X	1.081	1.081	0	%100
4	M53	Z	1.872	1.872	0	%100
5	M54	X	1.081	1.081	0	%100
6	M54	Z	1.872	1.872	0	%100
7	M62	X	.373	.373	0	%100
8	M62	Z	.645	.645	0	%100
9	M63	X	.417	.417	0	%100
10	M63	Z	.723	.723	0	%100
11	M65	X	.328	.328	0	%100
12	M65	Z	.568	.568	0	%100
13	M66	X	.783	.783	0	%100
14	M66	Z	1.357	1.357	0	%100
15	M67	X	2.8e-5	2.8e-5	0	%100
16	M67	Z	4.9e-5	4.9e-5	0	%100
17	M111	X	1.292	1.292	0	%100
18	M111	Z	2.238	2.238	0	%100
19	M108	X	1.164	1.164	0	%100
20	M108	Z	2.016	2.016	0	%100
21	M109	X	1.164	1.164	0	%100
22	M109	Z	2.016	2.016	0	%100
23	M88	X	1.053	1.053	0	%100
24	M88	Z	1.824	1.824	0	%100
25	M93	X	.844	.844	0	%100
26	M93	Z	1.462	1.462	0	%100
27	MP4A	X	1.125	1.125	0	%100
28	MP4A	Z	1.949	1.949	0	%100
29	MP3A	X	1.125	1.125	0	%100
30	MP3A	Z	1.949	1.949	0	%100
31	MP2A	X	1.249	1.249	0	%100
32	MP2A	Z	2.163	2.163	0	%100
33	MP1A	X	1.125	1.125	0	%100
34	MP1A	Z	1.949	1.949	0	%100
35	M40	X	1.604	1.604	0	%100
36	M40	Z	2.778	2.778	0	%100
37	M56A	X	.774	.774	0	%100
38	M56A	Z	1.341	1.341	0	%100
39	M57A	X	.774	.774	0	%100
40	M57A	Z	1.341	1.341	0	%100
41	M63A	X	.401	.401	0	%100
42	M63A	Z	.695	.695	0	%100
43	M79	X	2.8e-5	2.8e-5	0	%100
44	M79	Z	4.9e-5	4.9e-5	0	%100
45	M80	X	.783	.783	0	%100
46	M80	Z	1.357	1.357	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	1.125	1.125	0	%100
52	MP4C	Z	1.949	1.949	0	%100
53	MP3C	X	1.125	1.125	0	%100
54	MP3C	Z	1.949	1.949	0	%100
55	MP1C	X	1.125	1.125	0	%100
56	MP1C	Z	1.949	1.949	0	%100
57	M98	X	1.053	1.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	1.824	1.824	0	%100
59	M103	X	.844	.844	0	%100
60	M103	Z	1.462	1.462	0	%100
61	MP4B	X	1.125	1.125	0	%100
62	MP4B	Z	1.949	1.949	0	%100
63	MP3B	X	1.125	1.125	0	%100
64	MP3B	Z	1.949	1.949	0	%100
65	MP1B	X	1.125	1.125	0	%100
66	MP1B	Z	1.949	1.949	0	%100
67	OVP1	X	.824	.824	0	%100
68	OVP1	Z	1.428	1.428	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	1.292	1.292	0	%100
72	M119	Z	2.238	2.238	0	%100
73	M121	X	.824	.824	0	%100
74	M121	Z	1.428	1.428	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	1.081	1.081	0	%100
80	M120A	Z	1.872	1.872	0	%100
81	M121A	X	1.081	1.081	0	%100
82	M121A	Z	1.872	1.872	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	.373	.373	0	%100
90	M119B	Z	.645	.645	0	%100
91	M120B	X	.417	.417	0	%100
92	M120B	Z	.723	.723	0	%100
93	M121B	X	.328	.328	0	%100
94	M121B	Z	.568	.568	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	1.164	1.164	0	%100
100	M120C	Z	2.016	2.016	0	%100
101	M121C	X	1.164	1.164	0	%100
102	M121C	Z	2.016	2.016	0	%100
103	MP2C	X	1.249	1.249	0	%100
104	MP2C	Z	2.163	2.163	0	%100
105	MP2B	X	1.249	1.249	0	%100
106	MP2B	Z	2.163	2.163	0	%100
107	M122	X	1.008	1.008	0	%100
108	M122	Z	1.745	1.745	0	%100
109	M122A	X	1.706	1.706	0	%100
110	M122A	Z	2.955	2.955	0	%100
111	M123	X	1.008	1.008	0	%100
112	M123	Z	1.745	1.745	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	2.881	2.881	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	2.881	2.881	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	.993	.993	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	1.113	1.113	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	.874	.874	0	%100
13	M66	X	0	0	0	%100
14	M66	Z	.528	.528	0	%100
15	M67	X	0	0	0	%100
16	M67	Z	.528	.528	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	3.445	3.445	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	3.103	3.103	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	3.103	3.103	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	2.808	2.808	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	2.25	2.25	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	2.25	2.25	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	2.25	2.25	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	2.498	2.498	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	2.25	2.25	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	2.406	2.406	0	%100
37	M56A	X	0	0	0	%100
38	M56A	Z	2.076	2.076	0	%100
39	M57A	X	0	0	0	%100
40	M57A	Z	.51	.51	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	2.406	2.406	0	%100
43	M79	X	0	0	0	%100
44	M79	Z	.51	.51	0	%100
45	M80	X	0	0	0	%100
46	M80	Z	2.076	2.076	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	.702	.702	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	.563	.563	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	2.25	2.25	0	%100
53	MP3C	X	0	0	0	%100
54	MP3C	Z	2.25	2.25	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	2.25	2.25	0	%100
57	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	.702	.702	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	.563	.563	0	%100
61	MP4B	X	0	0	0	%100
62	MP4B	Z	2.25	2.25	0	%100
63	MP3B	X	0	0	0	%100
64	MP3B	Z	2.25	2.25	0	%100
65	MP1B	X	0	0	0	%100
66	MP1B	Z	2.25	2.25	0	%100
67	OVP1	X	0	0	0	%100
68	OVP1	Z	1.649	1.649	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	.861	.861	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	.861	.861	0	%100
73	M121	X	0	0	0	%100
74	M121	Z	1.649	1.649	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	.72	.72	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	.72	.72	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	.72	.72	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	.72	.72	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	.248	.248	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	.278	.278	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	.219	.219	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	.248	.248	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	.278	.278	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	.219	.219	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	.776	.776	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	.776	.776	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	.776	.776	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	.776	.776	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	2.498	2.498	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	2.498	2.498	0	%100
107	M122	X	0	0	0	%100
108	M122	Z	1.55	1.55	0	%100
109	M122A	X	0	0	0	%100
110	M122A	Z	2.946	2.946	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	2.946	2.946	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	M48	X	-.401	-.401	0	%100
2	M48	Z	.695	.695	0	%100
3	M53	X	-1.081	-1.081	0	%100
4	M53	Z	1.872	1.872	0	%100
5	M54	X	-1.081	-1.081	0	%100
6	M54	Z	1.872	1.872	0	%100
7	M62	X	-.373	-.373	0	%100
8	M62	Z	.645	.645	0	%100
9	M63	X	-.417	-.417	0	%100
10	M63	Z	.723	.723	0	%100
11	M65	X	-.328	-.328	0	%100
12	M65	Z	.568	.568	0	%100
13	M66	X	-2.8e-5	-2.8e-5	0	%100
14	M66	Z	4.9e-5	4.9e-5	0	%100
15	M67	X	-.783	-.783	0	%100
16	M67	Z	1.357	1.357	0	%100
17	M111	X	-1.292	-1.292	0	%100
18	M111	Z	2.238	2.238	0	%100
19	M108	X	-1.164	-1.164	0	%100
20	M108	Z	2.016	2.016	0	%100
21	M109	X	-1.164	-1.164	0	%100
22	M109	Z	2.016	2.016	0	%100
23	M88	X	-1.053	-1.053	0	%100
24	M88	Z	1.824	1.824	0	%100
25	M93	X	-.844	-.844	0	%100
26	M93	Z	1.462	1.462	0	%100
27	MP4A	X	-1.125	-1.125	0	%100
28	MP4A	Z	1.949	1.949	0	%100
29	MP3A	X	-1.125	-1.125	0	%100
30	MP3A	Z	1.949	1.949	0	%100
31	MP2A	X	-1.249	-1.249	0	%100
32	MP2A	Z	2.163	2.163	0	%100
33	MP1A	X	-1.125	-1.125	0	%100
34	MP1A	Z	1.949	1.949	0	%100
35	M40	X	-.401	-.401	0	%100
36	M40	Z	.695	.695	0	%100
37	M56A	X	-.783	-.783	0	%100
38	M56A	Z	1.357	1.357	0	%100
39	M57A	X	-2.8e-5	-2.8e-5	0	%100
40	M57A	Z	4.9e-5	4.9e-5	0	%100
41	M63A	X	-1.604	-1.604	0	%100
42	M63A	Z	2.778	2.778	0	%100
43	M79	X	-.774	-.774	0	%100
44	M79	Z	1.341	1.341	0	%100
45	M80	X	-.774	-.774	0	%100
46	M80	Z	1.341	1.341	0	%100
47	M84	X	-1.053	-1.053	0	%100
48	M84	Z	1.824	1.824	0	%100
49	M89	X	-.844	-.844	0	%100
50	M89	Z	1.462	1.462	0	%100
51	MP4C	X	-1.125	-1.125	0	%100
52	MP4C	Z	1.949	1.949	0	%100
53	MP3C	X	-1.125	-1.125	0	%100
54	MP3C	Z	1.949	1.949	0	%100
55	MP1C	X	-1.125	-1.125	0	%100
56	MP1C	Z	1.949	1.949	0	%100
57	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	-1.125	-1.125	0	%100
62	MP4B	Z	1.949	1.949	0	%100
63	MP3B	X	-1.125	-1.125	0	%100
64	MP3B	Z	1.949	1.949	0	%100
65	MP1B	X	-1.125	-1.125	0	%100
66	MP1B	Z	1.949	1.949	0	%100
67	OVP1	X	-.824	-.824	0	%100
68	OVP1	Z	1.428	1.428	0	%100
69	M118	X	-1.292	-1.292	0	%100
70	M118	Z	2.238	2.238	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	-.824	-.824	0	%100
74	M121	Z	1.428	1.428	0	%100
75	M118A	X	-1.081	-1.081	0	%100
76	M118A	Z	1.872	1.872	0	%100
77	M119A	X	-1.081	-1.081	0	%100
78	M119A	Z	1.872	1.872	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	-.373	-.373	0	%100
84	M116A	Z	.645	.645	0	%100
85	M117A	X	-.417	-.417	0	%100
86	M117A	Z	.723	.723	0	%100
87	M118B	X	-.328	-.328	0	%100
88	M118B	Z	.568	.568	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	-1.164	-1.164	0	%100
96	M118C	Z	2.016	2.016	0	%100
97	M119C	X	-1.164	-1.164	0	%100
98	M119C	Z	2.016	2.016	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	-1.249	-1.249	0	%100
104	MP2C	Z	2.163	2.163	0	%100
105	MP2B	X	-1.249	-1.249	0	%100
106	MP2B	Z	2.163	2.163	0	%100
107	M122	X	-1.008	-1.008	0	%100
108	M122	Z	1.745	1.745	0	%100
109	M122A	X	-1.008	-1.008	0	%100
110	M122A	Z	1.745	1.745	0	%100
111	M123	X	-1.706	-1.706	0	%100
112	M123	Z	2.955	2.955	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	M48	X	-2.084	-2.084	0	%100
2	M48	Z	1.203	1.203	0	%100
3	M53	X	-.624	-.624	0	%100
4	M53	Z	.36	.36	0	%100
5	M54	X	-.624	-.624	0	%100
6	M54	Z	.36	.36	0	%100
7	M62	X	-.215	-.215	0	%100
8	M62	Z	.124	.124	0	%100
9	M63	X	-.241	-.241	0	%100
10	M63	Z	.139	.139	0	%100
11	M65	X	-.189	-.189	0	%100
12	M65	Z	.109	.109	0	%100
13	M66	X	-.441	-.441	0	%100
14	M66	Z	.255	.255	0	%100
15	M67	X	-1.798	-1.798	0	%100
16	M67	Z	1.038	1.038	0	%100
17	M111	X	-.746	-.746	0	%100
18	M111	Z	.431	.431	0	%100
19	M108	X	-.672	-.672	0	%100
20	M108	Z	.388	.388	0	%100
21	M109	X	-.672	-.672	0	%100
22	M109	Z	.388	.388	0	%100
23	M88	X	-.608	-.608	0	%100
24	M88	Z	.351	.351	0	%100
25	M93	X	-.487	-.487	0	%100
26	M93	Z	.281	.281	0	%100
27	MP4A	X	-1.949	-1.949	0	%100
28	MP4A	Z	1.125	1.125	0	%100
29	MP3A	X	-1.949	-1.949	0	%100
30	MP3A	Z	1.125	1.125	0	%100
31	MP2A	X	-2.163	-2.163	0	%100
32	MP2A	Z	1.249	1.249	0	%100
33	MP1A	X	-1.949	-1.949	0	%100
34	MP1A	Z	1.125	1.125	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	-.458	-.458	0	%100
38	M56A	Z	.264	.264	0	%100
39	M57A	X	-.458	-.458	0	%100
40	M57A	Z	.264	.264	0	%100
41	M63A	X	-2.084	-2.084	0	%100
42	M63A	Z	1.203	1.203	0	%100
43	M79	X	-1.798	-1.798	0	%100
44	M79	Z	1.038	1.038	0	%100
45	M80	X	-.441	-.441	0	%100
46	M80	Z	.255	.255	0	%100
47	M84	X	-2.431	-2.431	0	%100
48	M84	Z	1.404	1.404	0	%100
49	M89	X	-1.949	-1.949	0	%100
50	M89	Z	1.125	1.125	0	%100
51	MP4C	X	-1.949	-1.949	0	%100
52	MP4C	Z	1.125	1.125	0	%100
53	MP3C	X	-1.949	-1.949	0	%100
54	MP3C	Z	1.125	1.125	0	%100
55	MP1C	X	-1.949	-1.949	0	%100
56	MP1C	Z	1.125	1.125	0	%100
57	M98	X	-.608	-.608	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	.351	.351	0	%100
59	M103	X	-.487	-.487	0	%100
60	M103	Z	.281	.281	0	%100
61	MP4B	X	-1.949	-1.949	0	%100
62	MP4B	Z	1.125	1.125	0	%100
63	MP3B	X	-1.949	-1.949	0	%100
64	MP3B	Z	1.125	1.125	0	%100
65	MP1B	X	-1.949	-1.949	0	%100
66	MP1B	Z	1.125	1.125	0	%100
67	OVP1	X	-1.428	-1.428	0	%100
68	OVP1	Z	.824	.824	0	%100
69	M118	X	-2.984	-2.984	0	%100
70	M118	Z	1.723	1.723	0	%100
71	M119	X	-.746	-.746	0	%100
72	M119	Z	.431	.431	0	%100
73	M121	X	-1.428	-1.428	0	%100
74	M121	Z	.824	.824	0	%100
75	M118A	X	-2.495	-2.495	0	%100
76	M118A	Z	1.441	1.441	0	%100
77	M119A	X	-2.495	-2.495	0	%100
78	M119A	Z	1.441	1.441	0	%100
79	M120A	X	-.624	-.624	0	%100
80	M120A	Z	.36	.36	0	%100
81	M121A	X	-.624	-.624	0	%100
82	M121A	Z	.36	.36	0	%100
83	M116A	X	-.86	-.86	0	%100
84	M116A	Z	.497	.497	0	%100
85	M117A	X	-.964	-.964	0	%100
86	M117A	Z	.556	.556	0	%100
87	M118B	X	-.757	-.757	0	%100
88	M118B	Z	.437	.437	0	%100
89	M119B	X	-.215	-.215	0	%100
90	M119B	Z	.124	.124	0	%100
91	M120B	X	-.241	-.241	0	%100
92	M120B	Z	.139	.139	0	%100
93	M121B	X	-.189	-.189	0	%100
94	M121B	Z	.109	.109	0	%100
95	M118C	X	-2.687	-2.687	0	%100
96	M118C	Z	1.552	1.552	0	%100
97	M119C	X	-2.687	-2.687	0	%100
98	M119C	Z	1.552	1.552	0	%100
99	M120C	X	-.672	-.672	0	%100
100	M120C	Z	.388	.388	0	%100
101	M121C	X	-.672	-.672	0	%100
102	M121C	Z	.388	.388	0	%100
103	MP2C	X	-2.163	-2.163	0	%100
104	MP2C	Z	1.249	1.249	0	%100
105	MP2B	X	-2.163	-2.163	0	%100
106	MP2B	Z	1.249	1.249	0	%100
107	M122	X	-2.551	-2.551	0	%100
108	M122	Z	1.473	1.473	0	%100
109	M122A	X	-1.342	-1.342	0	%100
110	M122A	Z	.775	.775	0	%100
111	M123	X	-2.551	-2.551	0	%100
112	M123	Z	1.473	1.473	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	M48	X	-3.208	-3.208	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M66	X	-1.548	-1.548	0	%100
14	M66	Z	0	0	0	%100
15	M67	X	-1.548	-1.548	0	%100
16	M67	Z	0	0	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	0	0	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	0	0	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	MP4A	X	-2.25	-2.25	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-2.25	-2.25	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-2.498	-2.498	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-2.25	-2.25	0	%100
34	MP1A	Z	0	0	0	%100
35	M40	X	-.802	-.802	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	-5.6e-5	-5.6e-5	0	%100
38	M56A	Z	0	0	0	%100
39	M57A	X	-1.567	-1.567	0	%100
40	M57A	Z	0	0	0	%100
41	M63A	X	-.802	-.802	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	-1.567	-1.567	0	%100
44	M79	Z	0	0	0	%100
45	M80	X	-5.6e-5	-5.6e-5	0	%100
46	M80	Z	0	0	0	%100
47	M84	X	-2.106	-2.106	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	-1.688	-1.688	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	-2.25	-2.25	0	%100
52	MP4C	Z	0	0	0	%100
53	MP3C	X	-2.25	-2.25	0	%100
54	MP3C	Z	0	0	0	%100
55	MP1C	X	-2.25	-2.25	0	%100
56	MP1C	Z	0	0	0	%100
57	M98	X	-2.106	-2.106	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	-1.688	-1.688	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	-2.25	-2.25	0	%100
62	MP4B	Z	0	0	0	%100
63	MP3B	X	-2.25	-2.25	0	%100
64	MP3B	Z	0	0	0	%100
65	MP1B	X	-2.25	-2.25	0	%100
66	MP1B	Z	0	0	0	%100
67	OVP1	X	-1.649	-1.649	0	%100
68	OVP1	Z	0	0	0	%100
69	M118	X	-2.584	-2.584	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	-2.584	-2.584	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	-1.649	-1.649	0	%100
74	M121	Z	0	0	0	%100
75	M118A	X	-2.161	-2.161	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	-2.161	-2.161	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	-2.161	-2.161	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	-2.161	-2.161	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	-.745	-.745	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	-.834	-.834	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	-.656	-.656	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	-.745	-.745	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	-.834	-.834	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	-.656	-.656	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	-2.327	-2.327	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	-2.327	-2.327	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	-2.327	-2.327	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	-2.328	-2.328	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	-2.498	-2.498	0	%100
104	MP2C	Z	0	0	0	%100
105	MP2B	X	-2.498	-2.498	0	%100
106	MP2B	Z	0	0	0	%100
107	M122	X	-3.412	-3.412	0	%100
108	M122	Z	0	0	0	%100
109	M122A	X	-2.015	-2.015	0	%100
110	M122A	Z	0	0	0	%100
111	M123	X	-2.015	-2.015	0	%100
112	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	-2.084	-2.084	0	%100
2	M48	Z	-1.203	-1.203	0	%100
3	M53	X	-.624	-.624	0	%100
4	M53	Z	-.36	-.36	0	%100
5	M54	X	-.624	-.624	0	%100
6	M54	Z	-.36	-.36	0	%100
7	M62	X	-.215	-.215	0	%100
8	M62	Z	-.124	-.124	0	%100
9	M63	X	-.241	-.241	0	%100
10	M63	Z	-.139	-.139	0	%100
11	M65	X	-.189	-.189	0	%100
12	M65	Z	-.109	-.109	0	%100
13	M66	X	-1.798	-1.798	0	%100
14	M66	Z	-1.038	-1.038	0	%100
15	M67	X	-.441	-.441	0	%100
16	M67	Z	-.255	-.255	0	%100
17	M111	X	-.746	-.746	0	%100
18	M111	Z	-.431	-.431	0	%100
19	M108	X	-.672	-.672	0	%100
20	M108	Z	-.388	-.388	0	%100
21	M109	X	-.672	-.672	0	%100
22	M109	Z	-.388	-.388	0	%100
23	M88	X	-.608	-.608	0	%100
24	M88	Z	-.351	-.351	0	%100
25	M93	X	-.487	-.487	0	%100
26	M93	Z	-.281	-.281	0	%100
27	MP4A	X	-1.949	-1.949	0	%100
28	MP4A	Z	-1.125	-1.125	0	%100
29	MP3A	X	-1.949	-1.949	0	%100
30	MP3A	Z	-1.125	-1.125	0	%100
31	MP2A	X	-2.163	-2.163	0	%100
32	MP2A	Z	-1.249	-1.249	0	%100
33	MP1A	X	-1.949	-1.949	0	%100
34	MP1A	Z	-1.125	-1.125	0	%100
35	M40	X	-2.084	-2.084	0	%100
36	M40	Z	-1.203	-1.203	0	%100
37	M56A	X	-.441	-.441	0	%100
38	M56A	Z	-.255	-.255	0	%100
39	M57A	X	-1.798	-1.798	0	%100
40	M57A	Z	-1.038	-1.038	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	-.458	-.458	0	%100
44	M79	Z	-.264	-.264	0	%100
45	M80	X	-.458	-.458	0	%100
46	M80	Z	-.264	-.264	0	%100
47	M84	X	-.608	-.608	0	%100
48	M84	Z	-.351	-.351	0	%100
49	M89	X	-.487	-.487	0	%100
50	M89	Z	-.281	-.281	0	%100
51	MP4C	X	-1.949	-1.949	0	%100
52	MP4C	Z	-1.125	-1.125	0	%100
53	MP3C	X	-1.949	-1.949	0	%100
54	MP3C	Z	-1.125	-1.125	0	%100
55	MP1C	X	-1.949	-1.949	0	%100
56	MP1C	Z	-1.125	-1.125	0	%100
57	M98	X	-2.431	-2.431	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	-1.404	-1.404	0	%100
59	M103	X	-1.949	-1.949	0	%100
60	M103	Z	-1.125	-1.125	0	%100
61	MP4B	X	-1.949	-1.949	0	%100
62	MP4B	Z	-1.125	-1.125	0	%100
63	MP3B	X	-1.949	-1.949	0	%100
64	MP3B	Z	-1.125	-1.125	0	%100
65	MP1B	X	-1.949	-1.949	0	%100
66	MP1B	Z	-1.125	-1.125	0	%100
67	OVP1	X	-1.428	-1.428	0	%100
68	OVP1	Z	-.824	-.824	0	%100
69	M118	X	-.746	-.746	0	%100
70	M118	Z	-.431	-.431	0	%100
71	M119	X	-2.984	-2.984	0	%100
72	M119	Z	-1.723	-1.723	0	%100
73	M121	X	-1.428	-1.428	0	%100
74	M121	Z	-.824	-.824	0	%100
75	M118A	X	-.624	-.624	0	%100
76	M118A	Z	-.36	-.36	0	%100
77	M119A	X	-.624	-.624	0	%100
78	M119A	Z	-.36	-.36	0	%100
79	M120A	X	-2.495	-2.495	0	%100
80	M120A	Z	-1.441	-1.441	0	%100
81	M121A	X	-2.495	-2.495	0	%100
82	M121A	Z	-1.441	-1.441	0	%100
83	M116A	X	-.215	-.215	0	%100
84	M116A	Z	-.124	-.124	0	%100
85	M117A	X	-.241	-.241	0	%100
86	M117A	Z	-.139	-.139	0	%100
87	M118B	X	-.189	-.189	0	%100
88	M118B	Z	-.109	-.109	0	%100
89	M119B	X	-.86	-.86	0	%100
90	M119B	Z	-.497	-.497	0	%100
91	M120B	X	-.964	-.964	0	%100
92	M120B	Z	-.556	-.556	0	%100
93	M121B	X	-.757	-.757	0	%100
94	M121B	Z	-.437	-.437	0	%100
95	M118C	X	-.672	-.672	0	%100
96	M118C	Z	-.388	-.388	0	%100
97	M119C	X	-.672	-.672	0	%100
98	M119C	Z	-.388	-.388	0	%100
99	M120C	X	-2.687	-2.687	0	%100
100	M120C	Z	-1.552	-1.552	0	%100
101	M121C	X	-2.687	-2.687	0	%100
102	M121C	Z	-1.552	-1.552	0	%100
103	MP2C	X	-2.163	-2.163	0	%100
104	MP2C	Z	-1.249	-1.249	0	%100
105	MP2B	X	-2.163	-2.163	0	%100
106	MP2B	Z	-1.249	-1.249	0	%100
107	M122	X	-2.551	-2.551	0	%100
108	M122	Z	-1.473	-1.473	0	%100
109	M122A	X	-2.551	-2.551	0	%100
110	M122A	Z	-1.473	-1.473	0	%100
111	M123	X	-1.342	-1.342	0	%100
112	M123	Z	-.775	-.775	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	M48	X	-.401	-.401	0	%100
2	M48	Z	-.695	-.695	0	%100
3	M53	X	-1.081	-1.081	0	%100
4	M53	Z	-1.872	-1.872	0	%100
5	M54	X	-1.081	-1.081	0	%100
6	M54	Z	-1.872	-1.872	0	%100
7	M62	X	-.373	-.373	0	%100
8	M62	Z	-.645	-.645	0	%100
9	M63	X	-.417	-.417	0	%100
10	M63	Z	-.723	-.723	0	%100
11	M65	X	-.328	-.328	0	%100
12	M65	Z	-.568	-.568	0	%100
13	M66	X	-.783	-.783	0	%100
14	M66	Z	-1.357	-1.357	0	%100
15	M67	X	-2.8e-5	-2.8e-5	0	%100
16	M67	Z	-4.9e-5	-4.9e-5	0	%100
17	M111	X	-1.292	-1.292	0	%100
18	M111	Z	-2.238	-2.238	0	%100
19	M108	X	-1.164	-1.164	0	%100
20	M108	Z	-2.016	-2.016	0	%100
21	M109	X	-1.164	-1.164	0	%100
22	M109	Z	-2.016	-2.016	0	%100
23	M88	X	-1.053	-1.053	0	%100
24	M88	Z	-1.824	-1.824	0	%100
25	M93	X	-.844	-.844	0	%100
26	M93	Z	-1.462	-1.462	0	%100
27	MP4A	X	-1.125	-1.125	0	%100
28	MP4A	Z	-1.949	-1.949	0	%100
29	MP3A	X	-1.125	-1.125	0	%100
30	MP3A	Z	-1.949	-1.949	0	%100
31	MP2A	X	-1.249	-1.249	0	%100
32	MP2A	Z	-2.163	-2.163	0	%100
33	MP1A	X	-1.125	-1.125	0	%100
34	MP1A	Z	-1.949	-1.949	0	%100
35	M40	X	-1.604	-1.604	0	%100
36	M40	Z	-2.778	-2.778	0	%100
37	M56A	X	-.774	-.774	0	%100
38	M56A	Z	-1.341	-1.341	0	%100
39	M57A	X	-.774	-.774	0	%100
40	M57A	Z	-1.341	-1.341	0	%100
41	M63A	X	-.401	-.401	0	%100
42	M63A	Z	-.695	-.695	0	%100
43	M79	X	-2.8e-5	-2.8e-5	0	%100
44	M79	Z	-4.9e-5	-4.9e-5	0	%100
45	M80	X	-.783	-.783	0	%100
46	M80	Z	-1.357	-1.357	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	-1.125	-1.125	0	%100
52	MP4C	Z	-1.949	-1.949	0	%100
53	MP3C	X	-1.125	-1.125	0	%100
54	MP3C	Z	-1.949	-1.949	0	%100
55	MP1C	X	-1.125	-1.125	0	%100
56	MP1C	Z	-1.949	-1.949	0	%100
57	M98	X	-1.053	-1.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	-1.824	-1.824	0	%100
59	M103	X	-.844	-.844	0	%100
60	M103	Z	-1.462	-1.462	0	%100
61	MP4B	X	-1.125	-1.125	0	%100
62	MP4B	Z	-1.949	-1.949	0	%100
63	MP3B	X	-1.125	-1.125	0	%100
64	MP3B	Z	-1.949	-1.949	0	%100
65	MP1B	X	-1.125	-1.125	0	%100
66	MP1B	Z	-1.949	-1.949	0	%100
67	OVP1	X	-.824	-.824	0	%100
68	OVP1	Z	-1.428	-1.428	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	-1.292	-1.292	0	%100
72	M119	Z	-2.238	-2.238	0	%100
73	M121	X	-.824	-.824	0	%100
74	M121	Z	-1.428	-1.428	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	-1.081	-1.081	0	%100
80	M120A	Z	-1.872	-1.872	0	%100
81	M121A	X	-1.081	-1.081	0	%100
82	M121A	Z	-1.872	-1.872	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	-.373	-.373	0	%100
90	M119B	Z	-.645	-.645	0	%100
91	M120B	X	-.417	-.417	0	%100
92	M120B	Z	-.723	-.723	0	%100
93	M121B	X	-.328	-.328	0	%100
94	M121B	Z	-.568	-.568	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	-1.164	-1.164	0	%100
100	M120C	Z	-2.016	-2.016	0	%100
101	M121C	X	-1.164	-1.164	0	%100
102	M121C	Z	-2.016	-2.016	0	%100
103	MP2C	X	-1.249	-1.249	0	%100
104	MP2C	Z	-2.163	-2.163	0	%100
105	MP2B	X	-1.249	-1.249	0	%100
106	MP2B	Z	-2.163	-2.163	0	%100
107	M122	X	-1.008	-1.008	0	%100
108	M122	Z	-1.745	-1.745	0	%100
109	M122A	X	-1.706	-1.706	0	%100
110	M122A	Z	-2.955	-2.955	0	%100
111	M123	X	-1.008	-1.008	0	%100
112	M123	Z	-1.745	-1.745	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	-.741	-.741	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	-.741	-.741	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	-.047	-.047	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	-.052	-.052	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	-.042	-.042	0	%100
13	M66	X	0	0	0	%100
14	M66	Z	-.1	-.1	0	%100
15	M67	X	0	0	0	%100
16	M67	Z	-.1	-.1	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	-.985	-.985	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	-.892	-.892	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	-.892	-.892	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	-.624	-.624	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	-.424	-.424	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-.424	-.424	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-.424	-.424	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-.513	-.513	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-.424	-.424	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	-.576	-.576	0	%100
37	M56A	X	0	0	0	%100
38	M56A	Z	-.393	-.393	0	%100
39	M57A	X	0	0	0	%100
40	M57A	Z	-.096	-.096	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	-.576	-.576	0	%100
43	M79	X	0	0	0	%100
44	M79	Z	-.096	-.096	0	%100
45	M80	X	0	0	0	%100
46	M80	Z	-.393	-.393	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	-.156	-.156	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	-.106	-.106	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	-.424	-.424	0	%100
53	MP3C	X	0	0	0	%100
54	MP3C	Z	-.424	-.424	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	-.424	-.424	0	%100
57	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	-.156	-.156	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	-.106	-.106	0	%100
61	MP4B	X	0	0	0	%100
62	MP4B	Z	-.424	-.424	0	%100
63	MP3B	X	0	0	0	%100
64	MP3B	Z	-.424	-.424	0	%100
65	MP1B	X	0	0	0	%100
66	MP1B	Z	-.424	-.424	0	%100
67	OVP1	X	0	0	0	%100
68	OVP1	Z	-.307	-.307	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	-.246	-.246	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	-.246	-.246	0	%100
73	M121	X	0	0	0	%100
74	M121	Z	-.307	-.307	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	-.185	-.185	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	-.185	-.185	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	-.185	-.185	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	-.185	-.185	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	-.012	-.012	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	-.013	-.013	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	-.01	-.01	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	-.012	-.012	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	-.013	-.013	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	-.01	-.01	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	-.223	-.223	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	-.223	-.223	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	-.223	-.223	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	-.223	-.223	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	-.513	-.513	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	-.513	-.513	0	%100
107	M122	X	0	0	0	%100
108	M122	Z	-.439	-.439	0	%100
109	M122A	X	0	0	0	%100
110	M122A	Z	-.741	-.741	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.741	-.741	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	M48	X	.096	.096	0	%100
2	M48	Z	-.166	-.166	0	%100
3	M53	X	.278	.278	0	%100
4	M53	Z	-.481	-.481	0	%100
5	M54	X	.278	.278	0	%100
6	M54	Z	-.481	-.481	0	%100
7	M62	X	.018	.018	0	%100
8	M62	Z	-.031	-.031	0	%100
9	M63	X	.02	.02	0	%100
10	M63	Z	-.034	-.034	0	%100
11	M65	X	.016	.016	0	%100
12	M65	Z	-.027	-.027	0	%100
13	M66	X	5e-6	5e-6	0	%100
14	M66	Z	-9e-6	-9e-6	0	%100
15	M67	X	.148	.148	0	%100
16	M67	Z	-.257	-.257	0	%100
17	M111	X	.369	.369	0	%100
18	M111	Z	-.64	-.64	0	%100
19	M108	X	.334	.334	0	%100
20	M108	Z	-.579	-.579	0	%100
21	M109	X	.334	.334	0	%100
22	M109	Z	-.579	-.579	0	%100
23	M88	X	.234	.234	0	%100
24	M88	Z	-.405	-.405	0	%100
25	M93	X	.159	.159	0	%100
26	M93	Z	-.275	-.275	0	%100
27	MP4A	X	.212	.212	0	%100
28	MP4A	Z	-.367	-.367	0	%100
29	MP3A	X	.212	.212	0	%100
30	MP3A	Z	-.367	-.367	0	%100
31	MP2A	X	.256	.256	0	%100
32	MP2A	Z	-.444	-.444	0	%100
33	MP1A	X	.212	.212	0	%100
34	MP1A	Z	-.367	-.367	0	%100
35	M40	X	.096	.096	0	%100
36	M40	Z	-.166	-.166	0	%100
37	M56A	X	.148	.148	0	%100
38	M56A	Z	-.257	-.257	0	%100
39	M57A	X	5e-6	5e-6	0	%100
40	M57A	Z	-9e-6	-9e-6	0	%100
41	M63A	X	.384	.384	0	%100
42	M63A	Z	-.665	-.665	0	%100
43	M79	X	.146	.146	0	%100
44	M79	Z	-.253	-.253	0	%100
45	M80	X	.146	.146	0	%100
46	M80	Z	-.253	-.253	0	%100
47	M84	X	.234	.234	0	%100
48	M84	Z	-.405	-.405	0	%100
49	M89	X	.159	.159	0	%100
50	M89	Z	-.275	-.275	0	%100
51	MP4C	X	.212	.212	0	%100
52	MP4C	Z	-.367	-.367	0	%100
53	MP3C	X	.212	.212	0	%100
54	MP3C	Z	-.367	-.367	0	%100
55	MP1C	X	.212	.212	0	%100
56	MP1C	Z	-.367	-.367	0	%100
57	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	.212	.212	0	%100
62	MP4B	Z	-.367	-.367	0	%100
63	MP3B	X	.212	.212	0	%100
64	MP3B	Z	-.367	-.367	0	%100
65	MP1B	X	.212	.212	0	%100
66	MP1B	Z	-.367	-.367	0	%100
67	OVP1	X	.153	.153	0	%100
68	OVP1	Z	-.266	-.266	0	%100
69	M118	X	.369	.369	0	%100
70	M118	Z	-.64	-.64	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	.153	.153	0	%100
74	M121	Z	-.266	-.266	0	%100
75	M118A	X	.278	.278	0	%100
76	M118A	Z	-.481	-.481	0	%100
77	M119A	X	.278	.278	0	%100
78	M119A	Z	-.481	-.481	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	.018	.018	0	%100
84	M116A	Z	-.031	-.031	0	%100
85	M117A	X	.02	.02	0	%100
86	M117A	Z	-.034	-.034	0	%100
87	M118B	X	.016	.016	0	%100
88	M118B	Z	-.027	-.027	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	.334	.334	0	%100
96	M118C	Z	-.579	-.579	0	%100
97	M119C	X	.334	.334	0	%100
98	M119C	Z	-.579	-.579	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	.256	.256	0	%100
104	MP2C	Z	-.444	-.444	0	%100
105	MP2B	X	.256	.256	0	%100
106	MP2B	Z	-.444	-.444	0	%100
107	M122	X	.27	.27	0	%100
108	M122	Z	-.467	-.467	0	%100
109	M122A	X	.27	.27	0	%100
110	M122A	Z	-.467	-.467	0	%100
111	M123	X	.421	.421	0	%100
112	M123	Z	-.729	-.729	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	M48	X	.499	.499	0	%100
2	M48	Z	-.288	-.288	0	%100
3	M53	X	.16	.16	0	%100
4	M53	Z	-.093	-.093	0	%100
5	M54	X	.16	.16	0	%100
6	M54	Z	-.093	-.093	0	%100
7	M62	X	.01	.01	0	%100
8	M62	Z	-.006	-.006	0	%100
9	M63	X	.011	.011	0	%100
10	M63	Z	-.007	-.007	0	%100
11	M65	X	.009	.009	0	%100
12	M65	Z	-.005	-.005	0	%100
13	M66	X	.083	.083	0	%100
14	M66	Z	-.048	-.048	0	%100
15	M67	X	.34	.34	0	%100
16	M67	Z	-.196	-.196	0	%100
17	M111	X	.213	.213	0	%100
18	M111	Z	-.123	-.123	0	%100
19	M108	X	.193	.193	0	%100
20	M108	Z	-.111	-.111	0	%100
21	M109	X	.193	.193	0	%100
22	M109	Z	-.111	-.111	0	%100
23	M88	X	.135	.135	0	%100
24	M88	Z	-.078	-.078	0	%100
25	M93	X	.092	.092	0	%100
26	M93	Z	-.053	-.053	0	%100
27	MP4A	X	.367	.367	0	%100
28	MP4A	Z	-.212	-.212	0	%100
29	MP3A	X	.367	.367	0	%100
30	MP3A	Z	-.212	-.212	0	%100
31	MP2A	X	.444	.444	0	%100
32	MP2A	Z	-.256	-.256	0	%100
33	MP1A	X	.367	.367	0	%100
34	MP1A	Z	-.212	-.212	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	.087	.087	0	%100
38	M56A	Z	-.05	-.05	0	%100
39	M57A	X	.087	.087	0	%100
40	M57A	Z	-.05	-.05	0	%100
41	M63A	X	.499	.499	0	%100
42	M63A	Z	-.288	-.288	0	%100
43	M79	X	.34	.34	0	%100
44	M79	Z	-.196	-.196	0	%100
45	M80	X	.083	.083	0	%100
46	M80	Z	-.048	-.048	0	%100
47	M84	X	.541	.541	0	%100
48	M84	Z	-.312	-.312	0	%100
49	M89	X	.367	.367	0	%100
50	M89	Z	-.212	-.212	0	%100
51	MP4C	X	.367	.367	0	%100
52	MP4C	Z	-.212	-.212	0	%100
53	MP3C	X	.367	.367	0	%100
54	MP3C	Z	-.212	-.212	0	%100
55	MP1C	X	.367	.367	0	%100
56	MP1C	Z	-.212	-.212	0	%100
57	M98	X	.135	.135	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	-.078	-.078	0	%100
59	M103	X	.092	.092	0	%100
60	M103	Z	-.053	-.053	0	%100
61	MP4B	X	.367	.367	0	%100
62	MP4B	Z	-.212	-.212	0	%100
63	MP3B	X	.367	.367	0	%100
64	MP3B	Z	-.212	-.212	0	%100
65	MP1B	X	.367	.367	0	%100
66	MP1B	Z	-.212	-.212	0	%100
67	OVP1	X	.266	.266	0	%100
68	OVP1	Z	-.153	-.153	0	%100
69	M118	X	.853	.853	0	%100
70	M118	Z	-.493	-.493	0	%100
71	M119	X	.213	.213	0	%100
72	M119	Z	-.123	-.123	0	%100
73	M121	X	.266	.266	0	%100
74	M121	Z	-.153	-.153	0	%100
75	M118A	X	.641	.641	0	%100
76	M118A	Z	-.37	-.37	0	%100
77	M119A	X	.641	.641	0	%100
78	M119A	Z	-.37	-.37	0	%100
79	M120A	X	.16	.16	0	%100
80	M120A	Z	-.093	-.093	0	%100
81	M121A	X	.16	.16	0	%100
82	M121A	Z	-.093	-.093	0	%100
83	M116A	X	.041	.041	0	%100
84	M116A	Z	-.024	-.024	0	%100
85	M117A	X	.045	.045	0	%100
86	M117A	Z	-.026	-.026	0	%100
87	M118B	X	.036	.036	0	%100
88	M118B	Z	-.021	-.021	0	%100
89	M119B	X	.01	.01	0	%100
90	M119B	Z	-.006	-.006	0	%100
91	M120B	X	.011	.011	0	%100
92	M120B	Z	-.007	-.007	0	%100
93	M121B	X	.009	.009	0	%100
94	M121B	Z	-.005	-.005	0	%100
95	M118C	X	.772	.772	0	%100
96	M118C	Z	-.446	-.446	0	%100
97	M119C	X	.772	.772	0	%100
98	M119C	Z	-.446	-.446	0	%100
99	M120C	X	.193	.193	0	%100
100	M120C	Z	-.111	-.111	0	%100
101	M121C	X	.193	.193	0	%100
102	M121C	Z	-.111	-.111	0	%100
103	MP2C	X	.444	.444	0	%100
104	MP2C	Z	-.256	-.256	0	%100
105	MP2B	X	.444	.444	0	%100
106	MP2B	Z	-.256	-.256	0	%100
107	M122	X	.642	.642	0	%100
108	M122	Z	-.37	-.37	0	%100
109	M122A	X	.38	.38	0	%100
110	M122A	Z	-.22	-.22	0	%100
111	M123	X	.642	.642	0	%100
112	M123	Z	-.37	-.37	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	M48	X	.768	.768	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M66	X	.293	.293	0	%100
14	M66	Z	0	0	0	%100
15	M67	X	.293	.293	0	%100
16	M67	Z	0	0	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	0	0	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	0	0	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	MP4A	X	.424	.424	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	.424	.424	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	.513	.513	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	.424	.424	0	%100
34	MP1A	Z	0	0	0	%100
35	M40	X	.192	.192	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	1.1e-5	1.1e-5	0	%100
38	M56A	Z	0	0	0	%100
39	M57A	X	.296	.296	0	%100
40	M57A	Z	0	0	0	%100
41	M63A	X	.192	.192	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	.296	.296	0	%100
44	M79	Z	0	0	0	%100
45	M80	X	1.1e-5	1.1e-5	0	%100
46	M80	Z	0	0	0	%100
47	M84	X	.468	.468	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	.318	.318	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	.424	.424	0	%100
52	MP4C	Z	0	0	0	%100
53	MP3C	X	.424	.424	0	%100
54	MP3C	Z	0	0	0	%100
55	MP1C	X	.424	.424	0	%100
56	MP1C	Z	0	0	0	%100
57	M98	X	.468	.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	.318	.318	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	.424	.424	0	%100
62	MP4B	Z	0	0	0	%100
63	MP3B	X	.424	.424	0	%100
64	MP3B	Z	0	0	0	%100
65	MP1B	X	.424	.424	0	%100
66	MP1B	Z	0	0	0	%100
67	OVP1	X	.307	.307	0	%100
68	OVP1	Z	0	0	0	%100
69	M118	X	.739	.739	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	.739	.739	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	.307	.307	0	%100
74	M121	Z	0	0	0	%100
75	M118A	X	.555	.555	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	.555	.555	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	.555	.555	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	.555	.555	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	.035	.035	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	.039	.039	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	.031	.031	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	.035	.035	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	.039	.039	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	.031	.031	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	.669	.669	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	.669	.669	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	.669	.669	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	.669	.669	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	.513	.513	0	%100
104	MP2C	Z	0	0	0	%100
105	MP2B	X	.513	.513	0	%100
106	MP2B	Z	0	0	0	%100
107	M122	X	.842	.842	0	%100
108	M122	Z	0	0	0	%100
109	M122A	X	.54	.54	0	%100
110	M122A	Z	0	0	0	%100
111	M123	X	.54	.54	0	%100
112	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	.499	.499	0	%100
2	M48	Z	.288	.288	0	%100
3	M53	X	.16	.16	0	%100
4	M53	Z	.093	.093	0	%100
5	M54	X	.16	.16	0	%100
6	M54	Z	.093	.093	0	%100
7	M62	X	.01	.01	0	%100
8	M62	Z	.006	.006	0	%100
9	M63	X	.011	.011	0	%100
10	M63	Z	.007	.007	0	%100
11	M65	X	.009	.009	0	%100
12	M65	Z	.005	.005	0	%100
13	M66	X	.34	.34	0	%100
14	M66	Z	.196	.196	0	%100
15	M67	X	.083	.083	0	%100
16	M67	Z	.048	.048	0	%100
17	M111	X	.213	.213	0	%100
18	M111	Z	.123	.123	0	%100
19	M108	X	.193	.193	0	%100
20	M108	Z	.111	.111	0	%100
21	M109	X	.193	.193	0	%100
22	M109	Z	.111	.111	0	%100
23	M88	X	.135	.135	0	%100
24	M88	Z	.078	.078	0	%100
25	M93	X	.092	.092	0	%100
26	M93	Z	.053	.053	0	%100
27	MP4A	X	.367	.367	0	%100
28	MP4A	Z	.212	.212	0	%100
29	MP3A	X	.367	.367	0	%100
30	MP3A	Z	.212	.212	0	%100
31	MP2A	X	.444	.444	0	%100
32	MP2A	Z	.256	.256	0	%100
33	MP1A	X	.367	.367	0	%100
34	MP1A	Z	.212	.212	0	%100
35	M40	X	.499	.499	0	%100
36	M40	Z	.288	.288	0	%100
37	M56A	X	.083	.083	0	%100
38	M56A	Z	.048	.048	0	%100
39	M57A	X	.34	.34	0	%100
40	M57A	Z	.196	.196	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	.087	.087	0	%100
44	M79	Z	.05	.05	0	%100
45	M80	X	.087	.087	0	%100
46	M80	Z	.05	.05	0	%100
47	M84	X	.135	.135	0	%100
48	M84	Z	.078	.078	0	%100
49	M89	X	.092	.092	0	%100
50	M89	Z	.053	.053	0	%100
51	MP4C	X	.367	.367	0	%100
52	MP4C	Z	.212	.212	0	%100
53	MP3C	X	.367	.367	0	%100
54	MP3C	Z	.212	.212	0	%100
55	MP1C	X	.367	.367	0	%100
56	MP1C	Z	.212	.212	0	%100
57	M98	X	.541	.541	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	.312	.312	0	%100
59	M103	X	.367	.367	0	%100
60	M103	Z	.212	.212	0	%100
61	MP4B	X	.367	.367	0	%100
62	MP4B	Z	.212	.212	0	%100
63	MP3B	X	.367	.367	0	%100
64	MP3B	Z	.212	.212	0	%100
65	MP1B	X	.367	.367	0	%100
66	MP1B	Z	.212	.212	0	%100
67	OVP1	X	.266	.266	0	%100
68	OVP1	Z	.153	.153	0	%100
69	M118	X	.213	.213	0	%100
70	M118	Z	.123	.123	0	%100
71	M119	X	.853	.853	0	%100
72	M119	Z	.493	.493	0	%100
73	M121	X	.266	.266	0	%100
74	M121	Z	.153	.153	0	%100
75	M118A	X	.16	.16	0	%100
76	M118A	Z	.093	.093	0	%100
77	M119A	X	.16	.16	0	%100
78	M119A	Z	.093	.093	0	%100
79	M120A	X	.641	.641	0	%100
80	M120A	Z	.37	.37	0	%100
81	M121A	X	.641	.641	0	%100
82	M121A	Z	.37	.37	0	%100
83	M116A	X	.01	.01	0	%100
84	M116A	Z	.006	.006	0	%100
85	M117A	X	.011	.011	0	%100
86	M117A	Z	.007	.007	0	%100
87	M118B	X	.009	.009	0	%100
88	M118B	Z	.005	.005	0	%100
89	M119B	X	.041	.041	0	%100
90	M119B	Z	.024	.024	0	%100
91	M120B	X	.045	.045	0	%100
92	M120B	Z	.026	.026	0	%100
93	M121B	X	.036	.036	0	%100
94	M121B	Z	.021	.021	0	%100
95	M118C	X	.193	.193	0	%100
96	M118C	Z	.111	.111	0	%100
97	M119C	X	.193	.193	0	%100
98	M119C	Z	.111	.111	0	%100
99	M120C	X	.772	.772	0	%100
100	M120C	Z	.446	.446	0	%100
101	M121C	X	.772	.772	0	%100
102	M121C	Z	.446	.446	0	%100
103	MP2C	X	.444	.444	0	%100
104	MP2C	Z	.256	.256	0	%100
105	MP2B	X	.444	.444	0	%100
106	MP2B	Z	.256	.256	0	%100
107	M122	X	.642	.642	0	%100
108	M122	Z	.37	.37	0	%100
109	M122A	X	.642	.642	0	%100
110	M122A	Z	.37	.37	0	%100
111	M123	X	.38	.38	0	%100
112	M123	Z	.22	.22	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	M48	X	.096	.096	0	%100
2	M48	Z	.166	.166	0	%100
3	M53	X	.278	.278	0	%100
4	M53	Z	.481	.481	0	%100
5	M54	X	.278	.278	0	%100
6	M54	Z	.481	.481	0	%100
7	M62	X	.018	.018	0	%100
8	M62	Z	.031	.031	0	%100
9	M63	X	.02	.02	0	%100
10	M63	Z	.034	.034	0	%100
11	M65	X	.016	.016	0	%100
12	M65	Z	.027	.027	0	%100
13	M66	X	.148	.148	0	%100
14	M66	Z	.257	.257	0	%100
15	M67	X	5e-6	5e-6	0	%100
16	M67	Z	9e-6	9e-6	0	%100
17	M111	X	.369	.369	0	%100
18	M111	Z	.64	.64	0	%100
19	M108	X	.334	.334	0	%100
20	M108	Z	.579	.579	0	%100
21	M109	X	.334	.334	0	%100
22	M109	Z	.579	.579	0	%100
23	M88	X	.234	.234	0	%100
24	M88	Z	.405	.405	0	%100
25	M93	X	.159	.159	0	%100
26	M93	Z	.275	.275	0	%100
27	MP4A	X	.212	.212	0	%100
28	MP4A	Z	.367	.367	0	%100
29	MP3A	X	.212	.212	0	%100
30	MP3A	Z	.367	.367	0	%100
31	MP2A	X	.256	.256	0	%100
32	MP2A	Z	.444	.444	0	%100
33	MP1A	X	.212	.212	0	%100
34	MP1A	Z	.367	.367	0	%100
35	M40	X	.384	.384	0	%100
36	M40	Z	.665	.665	0	%100
37	M56A	X	.146	.146	0	%100
38	M56A	Z	.253	.253	0	%100
39	M57A	X	.146	.146	0	%100
40	M57A	Z	.253	.253	0	%100
41	M63A	X	.096	.096	0	%100
42	M63A	Z	.166	.166	0	%100
43	M79	X	5e-6	5e-6	0	%100
44	M79	Z	9e-6	9e-6	0	%100
45	M80	X	.148	.148	0	%100
46	M80	Z	.257	.257	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	.212	.212	0	%100
52	MP4C	Z	.367	.367	0	%100
53	MP3C	X	.212	.212	0	%100
54	MP3C	Z	.367	.367	0	%100
55	MP1C	X	.212	.212	0	%100
56	MP1C	Z	.367	.367	0	%100
57	M98	X	.234	.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	.405	.405	0	%100
59	M103	X	.159	.159	0	%100
60	M103	Z	.275	.275	0	%100
61	MP4B	X	.212	.212	0	%100
62	MP4B	Z	.367	.367	0	%100
63	MP3B	X	.212	.212	0	%100
64	MP3B	Z	.367	.367	0	%100
65	MP1B	X	.212	.212	0	%100
66	MP1B	Z	.367	.367	0	%100
67	OVP1	X	.153	.153	0	%100
68	OVP1	Z	.266	.266	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	.369	.369	0	%100
72	M119	Z	.64	.64	0	%100
73	M121	X	.153	.153	0	%100
74	M121	Z	.266	.266	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	.278	.278	0	%100
80	M120A	Z	.481	.481	0	%100
81	M121A	X	.278	.278	0	%100
82	M121A	Z	.481	.481	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	.018	.018	0	%100
90	M119B	Z	.031	.031	0	%100
91	M120B	X	.02	.02	0	%100
92	M120B	Z	.034	.034	0	%100
93	M121B	X	.016	.016	0	%100
94	M121B	Z	.027	.027	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	.334	.334	0	%100
100	M120C	Z	.579	.579	0	%100
101	M121C	X	.334	.334	0	%100
102	M121C	Z	.579	.579	0	%100
103	MP2C	X	.256	.256	0	%100
104	MP2C	Z	.444	.444	0	%100
105	MP2B	X	.256	.256	0	%100
106	MP2B	Z	.444	.444	0	%100
107	M122	X	.27	.27	0	%100
108	M122	Z	.467	.467	0	%100
109	M122A	X	.421	.421	0	%100
110	M122A	Z	.729	.729	0	%100
111	M123	X	.27	.27	0	%100
112	M123	Z	.467	.467	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	M48	X	0	0	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	.741	.741	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	.741	.741	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	.047	.047	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	.052	.052	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	.042	.042	0	%100
13	M66	X	0	0	0	%100
14	M66	Z	.1	.1	0	%100
15	M67	X	0	0	0	%100
16	M67	Z	.1	.1	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	.985	.985	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	.892	.892	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	.892	.892	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	.624	.624	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	.424	.424	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	.424	.424	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	.424	.424	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	.513	.513	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	.424	.424	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	.576	.576	0	%100
37	M56A	X	0	0	0	%100
38	M56A	Z	.393	.393	0	%100
39	M57A	X	0	0	0	%100
40	M57A	Z	.096	.096	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	.576	.576	0	%100
43	M79	X	0	0	0	%100
44	M79	Z	.096	.096	0	%100
45	M80	X	0	0	0	%100
46	M80	Z	.393	.393	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	.156	.156	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	.106	.106	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	.424	.424	0	%100
53	MP3C	X	0	0	0	%100
54	MP3C	Z	.424	.424	0	%100
55	MP1C	X	0	0	0	%100
56	MP1C	Z	.424	.424	0	%100
57	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	.156	.156	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	.106	.106	0	%100
61	MP4B	X	0	0	0	%100
62	MP4B	Z	.424	.424	0	%100
63	MP3B	X	0	0	0	%100
64	MP3B	Z	.424	.424	0	%100
65	MP1B	X	0	0	0	%100
66	MP1B	Z	.424	.424	0	%100
67	OVP1	X	0	0	0	%100
68	OVP1	Z	.307	.307	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	.246	.246	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	.246	.246	0	%100
73	M121	X	0	0	0	%100
74	M121	Z	.307	.307	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	.185	.185	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	.185	.185	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	.185	.185	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	.185	.185	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	.012	.012	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	.013	.013	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	.01	.01	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	.012	.012	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	.013	.013	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	.01	.01	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	.223	.223	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	.223	.223	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	.223	.223	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	.223	.223	0	%100
103	MP2C	X	0	0	0	%100
104	MP2C	Z	.513	.513	0	%100
105	MP2B	X	0	0	0	%100
106	MP2B	Z	.513	.513	0	%100
107	M122	X	0	0	0	%100
108	M122	Z	.439	.439	0	%100
109	M122A	X	0	0	0	%100
110	M122A	Z	.741	.741	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.741	.741	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	M48	X	-.096	-.096	0	%100
2	M48	Z	.166	.166	0	%100
3	M53	X	-.278	-.278	0	%100
4	M53	Z	.481	.481	0	%100
5	M54	X	-.278	-.278	0	%100
6	M54	Z	.481	.481	0	%100
7	M62	X	-.018	-.018	0	%100
8	M62	Z	.031	.031	0	%100
9	M63	X	-.02	-.02	0	%100
10	M63	Z	.034	.034	0	%100
11	M65	X	-.016	-.016	0	%100
12	M65	Z	.027	.027	0	%100
13	M66	X	-5e-6	-5e-6	0	%100
14	M66	Z	9e-6	9e-6	0	%100
15	M67	X	-.148	-.148	0	%100
16	M67	Z	.257	.257	0	%100
17	M111	X	-.369	-.369	0	%100
18	M111	Z	.64	.64	0	%100
19	M108	X	-.334	-.334	0	%100
20	M108	Z	.579	.579	0	%100
21	M109	X	-.334	-.334	0	%100
22	M109	Z	.579	.579	0	%100
23	M88	X	-.234	-.234	0	%100
24	M88	Z	.405	.405	0	%100
25	M93	X	-.159	-.159	0	%100
26	M93	Z	.275	.275	0	%100
27	MP4A	X	-.212	-.212	0	%100
28	MP4A	Z	.367	.367	0	%100
29	MP3A	X	-.212	-.212	0	%100
30	MP3A	Z	.367	.367	0	%100
31	MP2A	X	-.256	-.256	0	%100
32	MP2A	Z	.444	.444	0	%100
33	MP1A	X	-.212	-.212	0	%100
34	MP1A	Z	.367	.367	0	%100
35	M40	X	-.096	-.096	0	%100
36	M40	Z	.166	.166	0	%100
37	M56A	X	-.148	-.148	0	%100
38	M56A	Z	.257	.257	0	%100
39	M57A	X	-5e-6	-5e-6	0	%100
40	M57A	Z	9e-6	9e-6	0	%100
41	M63A	X	-.384	-.384	0	%100
42	M63A	Z	.665	.665	0	%100
43	M79	X	-.146	-.146	0	%100
44	M79	Z	.253	.253	0	%100
45	M80	X	-.146	-.146	0	%100
46	M80	Z	.253	.253	0	%100
47	M84	X	-.234	-.234	0	%100
48	M84	Z	.405	.405	0	%100
49	M89	X	-.159	-.159	0	%100
50	M89	Z	.275	.275	0	%100
51	MP4C	X	-.212	-.212	0	%100
52	MP4C	Z	.367	.367	0	%100
53	MP3C	X	-.212	-.212	0	%100
54	MP3C	Z	.367	.367	0	%100
55	MP1C	X	-.212	-.212	0	%100
56	MP1C	Z	.367	.367	0	%100
57	M98	X	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,%]
58	M98	Z	0	0	0	%100
59	M103	X	0	0	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	-.212	-.212	0	%100
62	MP4B	Z	.367	.367	0	%100
63	MP3B	X	-.212	-.212	0	%100
64	MP3B	Z	.367	.367	0	%100
65	MP1B	X	-.212	-.212	0	%100
66	MP1B	Z	.367	.367	0	%100
67	OVP1	X	-.153	-.153	0	%100
68	OVP1	Z	.266	.266	0	%100
69	M118	X	-.369	-.369	0	%100
70	M118	Z	.64	.64	0	%100
71	M119	X	0	0	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	-.153	-.153	0	%100
74	M121	Z	.266	.266	0	%100
75	M118A	X	-.278	-.278	0	%100
76	M118A	Z	.481	.481	0	%100
77	M119A	X	-.278	-.278	0	%100
78	M119A	Z	.481	.481	0	%100
79	M120A	X	0	0	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	0	0	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	-.018	-.018	0	%100
84	M116A	Z	.031	.031	0	%100
85	M117A	X	-.02	-.02	0	%100
86	M117A	Z	.034	.034	0	%100
87	M118B	X	-.016	-.016	0	%100
88	M118B	Z	.027	.027	0	%100
89	M119B	X	0	0	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	0	0	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	0	0	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	-.334	-.334	0	%100
96	M118C	Z	.579	.579	0	%100
97	M119C	X	-.334	-.334	0	%100
98	M119C	Z	.579	.579	0	%100
99	M120C	X	0	0	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	0	0	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	-.256	-.256	0	%100
104	MP2C	Z	.444	.444	0	%100
105	MP2B	X	-.256	-.256	0	%100
106	MP2B	Z	.444	.444	0	%100
107	M122	X	-.27	-.27	0	%100
108	M122	Z	.467	.467	0	%100
109	M122A	X	-.27	-.27	0	%100
110	M122A	Z	.467	.467	0	%100
111	M123	X	-.421	-.421	0	%100
112	M123	Z	.729	.729	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	M48	X	-.499	-.499	0	%100
2	M48	Z	.288	.288	0	%100
3	M53	X	-.16	-.16	0	%100
4	M53	Z	.093	.093	0	%100
5	M54	X	-.16	-.16	0	%100
6	M54	Z	.093	.093	0	%100
7	M62	X	-.01	-.01	0	%100
8	M62	Z	.006	.006	0	%100
9	M63	X	-.011	-.011	0	%100
10	M63	Z	.007	.007	0	%100
11	M65	X	-.009	-.009	0	%100
12	M65	Z	.005	.005	0	%100
13	M66	X	-.083	-.083	0	%100
14	M66	Z	.048	.048	0	%100
15	M67	X	-.34	-.34	0	%100
16	M67	Z	.196	.196	0	%100
17	M111	X	-.213	-.213	0	%100
18	M111	Z	.123	.123	0	%100
19	M108	X	-.193	-.193	0	%100
20	M108	Z	.111	.111	0	%100
21	M109	X	-.193	-.193	0	%100
22	M109	Z	.111	.111	0	%100
23	M88	X	-.135	-.135	0	%100
24	M88	Z	.078	.078	0	%100
25	M93	X	-.092	-.092	0	%100
26	M93	Z	.053	.053	0	%100
27	MP4A	X	-.367	-.367	0	%100
28	MP4A	Z	.212	.212	0	%100
29	MP3A	X	-.367	-.367	0	%100
30	MP3A	Z	.212	.212	0	%100
31	MP2A	X	-.444	-.444	0	%100
32	MP2A	Z	.256	.256	0	%100
33	MP1A	X	-.367	-.367	0	%100
34	MP1A	Z	.212	.212	0	%100
35	M40	X	0	0	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	-.087	-.087	0	%100
38	M56A	Z	.05	.05	0	%100
39	M57A	X	-.087	-.087	0	%100
40	M57A	Z	.05	.05	0	%100
41	M63A	X	-.499	-.499	0	%100
42	M63A	Z	.288	.288	0	%100
43	M79	X	-.34	-.34	0	%100
44	M79	Z	.196	.196	0	%100
45	M80	X	-.083	-.083	0	%100
46	M80	Z	.048	.048	0	%100
47	M84	X	-.541	-.541	0	%100
48	M84	Z	.312	.312	0	%100
49	M89	X	-.367	-.367	0	%100
50	M89	Z	.212	.212	0	%100
51	MP4C	X	-.367	-.367	0	%100
52	MP4C	Z	.212	.212	0	%100
53	MP3C	X	-.367	-.367	0	%100
54	MP3C	Z	.212	.212	0	%100
55	MP1C	X	-.367	-.367	0	%100
56	MP1C	Z	.212	.212	0	%100
57	M98	X	-.135	-.135	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	.078	.078	0	%100
59	M103	X	-.092	-.092	0	%100
60	M103	Z	.053	.053	0	%100
61	MP4B	X	-.367	-.367	0	%100
62	MP4B	Z	.212	.212	0	%100
63	MP3B	X	-.367	-.367	0	%100
64	MP3B	Z	.212	.212	0	%100
65	MP1B	X	-.367	-.367	0	%100
66	MP1B	Z	.212	.212	0	%100
67	OVP1	X	-.266	-.266	0	%100
68	OVP1	Z	.153	.153	0	%100
69	M118	X	-.853	-.853	0	%100
70	M118	Z	.493	.493	0	%100
71	M119	X	-.213	-.213	0	%100
72	M119	Z	.123	.123	0	%100
73	M121	X	-.266	-.266	0	%100
74	M121	Z	.153	.153	0	%100
75	M118A	X	-.641	-.641	0	%100
76	M118A	Z	.37	.37	0	%100
77	M119A	X	-.641	-.641	0	%100
78	M119A	Z	.37	.37	0	%100
79	M120A	X	-.16	-.16	0	%100
80	M120A	Z	.093	.093	0	%100
81	M121A	X	-.16	-.16	0	%100
82	M121A	Z	.093	.093	0	%100
83	M116A	X	-.041	-.041	0	%100
84	M116A	Z	.024	.024	0	%100
85	M117A	X	-.045	-.045	0	%100
86	M117A	Z	.026	.026	0	%100
87	M118B	X	-.036	-.036	0	%100
88	M118B	Z	.021	.021	0	%100
89	M119B	X	-.01	-.01	0	%100
90	M119B	Z	.006	.006	0	%100
91	M120B	X	-.011	-.011	0	%100
92	M120B	Z	.007	.007	0	%100
93	M121B	X	-.009	-.009	0	%100
94	M121B	Z	.005	.005	0	%100
95	M118C	X	-.772	-.772	0	%100
96	M118C	Z	.446	.446	0	%100
97	M119C	X	-.772	-.772	0	%100
98	M119C	Z	.446	.446	0	%100
99	M120C	X	-.193	-.193	0	%100
100	M120C	Z	.111	.111	0	%100
101	M121C	X	-.193	-.193	0	%100
102	M121C	Z	.111	.111	0	%100
103	MP2C	X	-.444	-.444	0	%100
104	MP2C	Z	.256	.256	0	%100
105	MP2B	X	-.444	-.444	0	%100
106	MP2B	Z	.256	.256	0	%100
107	M122	X	-.642	-.642	0	%100
108	M122	Z	.37	.37	0	%100
109	M122A	X	-.38	-.38	0	%100
110	M122A	Z	.22	.22	0	%100
111	M123	X	-.642	-.642	0	%100
112	M123	Z	.37	.37	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	M48	X	-.768	-.768	0	%100
2	M48	Z	0	0	0	%100
3	M53	X	0	0	0	%100
4	M53	Z	0	0	0	%100
5	M54	X	0	0	0	%100
6	M54	Z	0	0	0	%100
7	M62	X	0	0	0	%100
8	M62	Z	0	0	0	%100
9	M63	X	0	0	0	%100
10	M63	Z	0	0	0	%100
11	M65	X	0	0	0	%100
12	M65	Z	0	0	0	%100
13	M66	X	-.293	-.293	0	%100
14	M66	Z	0	0	0	%100
15	M67	X	-.293	-.293	0	%100
16	M67	Z	0	0	0	%100
17	M111	X	0	0	0	%100
18	M111	Z	0	0	0	%100
19	M108	X	0	0	0	%100
20	M108	Z	0	0	0	%100
21	M109	X	0	0	0	%100
22	M109	Z	0	0	0	%100
23	M88	X	0	0	0	%100
24	M88	Z	0	0	0	%100
25	M93	X	0	0	0	%100
26	M93	Z	0	0	0	%100
27	MP4A	X	-.424	-.424	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-.424	-.424	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-.513	-.513	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-.424	-.424	0	%100
34	MP1A	Z	0	0	0	%100
35	M40	X	-.192	-.192	0	%100
36	M40	Z	0	0	0	%100
37	M56A	X	-1.1e-5	-1.1e-5	0	%100
38	M56A	Z	0	0	0	%100
39	M57A	X	-.296	-.296	0	%100
40	M57A	Z	0	0	0	%100
41	M63A	X	-.192	-.192	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	-.296	-.296	0	%100
44	M79	Z	0	0	0	%100
45	M80	X	-1.1e-5	-1.1e-5	0	%100
46	M80	Z	0	0	0	%100
47	M84	X	-.468	-.468	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	-.318	-.318	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	-.424	-.424	0	%100
52	MP4C	Z	0	0	0	%100
53	MP3C	X	-.424	-.424	0	%100
54	MP3C	Z	0	0	0	%100
55	MP1C	X	-.424	-.424	0	%100
56	MP1C	Z	0	0	0	%100
57	M98	X	-.468	-.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	0	0	0	%100
59	M103	X	-.318	-.318	0	%100
60	M103	Z	0	0	0	%100
61	MP4B	X	-.424	-.424	0	%100
62	MP4B	Z	0	0	0	%100
63	MP3B	X	-.424	-.424	0	%100
64	MP3B	Z	0	0	0	%100
65	MP1B	X	-.424	-.424	0	%100
66	MP1B	Z	0	0	0	%100
67	OVP1	X	-.307	-.307	0	%100
68	OVP1	Z	0	0	0	%100
69	M118	X	-.739	-.739	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	-.739	-.739	0	%100
72	M119	Z	0	0	0	%100
73	M121	X	-.307	-.307	0	%100
74	M121	Z	0	0	0	%100
75	M118A	X	-.555	-.555	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	-.555	-.555	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	-.555	-.555	0	%100
80	M120A	Z	0	0	0	%100
81	M121A	X	-.555	-.555	0	%100
82	M121A	Z	0	0	0	%100
83	M116A	X	-.035	-.035	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	-.039	-.039	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	-.031	-.031	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	-.035	-.035	0	%100
90	M119B	Z	0	0	0	%100
91	M120B	X	-.039	-.039	0	%100
92	M120B	Z	0	0	0	%100
93	M121B	X	-.031	-.031	0	%100
94	M121B	Z	0	0	0	%100
95	M118C	X	-.669	-.669	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	-.669	-.669	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	-.669	-.669	0	%100
100	M120C	Z	0	0	0	%100
101	M121C	X	-.669	-.669	0	%100
102	M121C	Z	0	0	0	%100
103	MP2C	X	-.513	-.513	0	%100
104	MP2C	Z	0	0	0	%100
105	MP2B	X	-.513	-.513	0	%100
106	MP2B	Z	0	0	0	%100
107	M122	X	-.842	-.842	0	%100
108	M122	Z	0	0	0	%100
109	M122A	X	-.54	-.54	0	%100
110	M122A	Z	0	0	0	%100
111	M123	X	-.54	-.54	0	%100
112	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M48	X	-.499	-.499	0	%100
2	M48	Z	-.288	-.288	0	%100
3	M53	X	-.16	-.16	0	%100
4	M53	Z	-.093	-.093	0	%100
5	M54	X	-.16	-.16	0	%100
6	M54	Z	-.093	-.093	0	%100
7	M62	X	-.01	-.01	0	%100
8	M62	Z	-.006	-.006	0	%100
9	M63	X	-.011	-.011	0	%100
10	M63	Z	-.007	-.007	0	%100
11	M65	X	-.009	-.009	0	%100
12	M65	Z	-.005	-.005	0	%100
13	M66	X	-.34	-.34	0	%100
14	M66	Z	-.196	-.196	0	%100
15	M67	X	-.083	-.083	0	%100
16	M67	Z	-.048	-.048	0	%100
17	M111	X	-.213	-.213	0	%100
18	M111	Z	-.123	-.123	0	%100
19	M108	X	-.193	-.193	0	%100
20	M108	Z	-.111	-.111	0	%100
21	M109	X	-.193	-.193	0	%100
22	M109	Z	-.111	-.111	0	%100
23	M88	X	-.135	-.135	0	%100
24	M88	Z	-.078	-.078	0	%100
25	M93	X	-.092	-.092	0	%100
26	M93	Z	-.053	-.053	0	%100
27	MP4A	X	-.367	-.367	0	%100
28	MP4A	Z	-.212	-.212	0	%100
29	MP3A	X	-.367	-.367	0	%100
30	MP3A	Z	-.212	-.212	0	%100
31	MP2A	X	-.444	-.444	0	%100
32	MP2A	Z	-.256	-.256	0	%100
33	MP1A	X	-.367	-.367	0	%100
34	MP1A	Z	-.212	-.212	0	%100
35	M40	X	-.499	-.499	0	%100
36	M40	Z	-.288	-.288	0	%100
37	M56A	X	-.083	-.083	0	%100
38	M56A	Z	-.048	-.048	0	%100
39	M57A	X	-.34	-.34	0	%100
40	M57A	Z	-.196	-.196	0	%100
41	M63A	X	0	0	0	%100
42	M63A	Z	0	0	0	%100
43	M79	X	-.087	-.087	0	%100
44	M79	Z	-.05	-.05	0	%100
45	M80	X	-.087	-.087	0	%100
46	M80	Z	-.05	-.05	0	%100
47	M84	X	-.135	-.135	0	%100
48	M84	Z	-.078	-.078	0	%100
49	M89	X	-.092	-.092	0	%100
50	M89	Z	-.053	-.053	0	%100
51	MP4C	X	-.367	-.367	0	%100
52	MP4C	Z	-.212	-.212	0	%100
53	MP3C	X	-.367	-.367	0	%100
54	MP3C	Z	-.212	-.212	0	%100
55	MP1C	X	-.367	-.367	0	%100
56	MP1C	Z	-.212	-.212	0	%100
57	M98	X	-.541	-.541	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M98	Z	-.312	-.312	0	%100
59	M103	X	-.367	-.367	0	%100
60	M103	Z	-.212	-.212	0	%100
61	MP4B	X	-.367	-.367	0	%100
62	MP4B	Z	-.212	-.212	0	%100
63	MP3B	X	-.367	-.367	0	%100
64	MP3B	Z	-.212	-.212	0	%100
65	MP1B	X	-.367	-.367	0	%100
66	MP1B	Z	-.212	-.212	0	%100
67	OVP1	X	-.266	-.266	0	%100
68	OVP1	Z	-.153	-.153	0	%100
69	M118	X	-.213	-.213	0	%100
70	M118	Z	-.123	-.123	0	%100
71	M119	X	-.853	-.853	0	%100
72	M119	Z	-.493	-.493	0	%100
73	M121	X	-.266	-.266	0	%100
74	M121	Z	-.153	-.153	0	%100
75	M118A	X	-.16	-.16	0	%100
76	M118A	Z	-.093	-.093	0	%100
77	M119A	X	-.16	-.16	0	%100
78	M119A	Z	-.093	-.093	0	%100
79	M120A	X	-.641	-.641	0	%100
80	M120A	Z	-.37	-.37	0	%100
81	M121A	X	-.641	-.641	0	%100
82	M121A	Z	-.37	-.37	0	%100
83	M116A	X	-.01	-.01	0	%100
84	M116A	Z	-.006	-.006	0	%100
85	M117A	X	-.011	-.011	0	%100
86	M117A	Z	-.007	-.007	0	%100
87	M118B	X	-.009	-.009	0	%100
88	M118B	Z	-.005	-.005	0	%100
89	M119B	X	-.041	-.041	0	%100
90	M119B	Z	-.024	-.024	0	%100
91	M120B	X	-.045	-.045	0	%100
92	M120B	Z	-.026	-.026	0	%100
93	M121B	X	-.036	-.036	0	%100
94	M121B	Z	-.021	-.021	0	%100
95	M118C	X	-.193	-.193	0	%100
96	M118C	Z	-.111	-.111	0	%100
97	M119C	X	-.193	-.193	0	%100
98	M119C	Z	-.111	-.111	0	%100
99	M120C	X	-.772	-.772	0	%100
100	M120C	Z	-.446	-.446	0	%100
101	M121C	X	-.772	-.772	0	%100
102	M121C	Z	-.446	-.446	0	%100
103	MP2C	X	-.444	-.444	0	%100
104	MP2C	Z	-.256	-.256	0	%100
105	MP2B	X	-.444	-.444	0	%100
106	MP2B	Z	-.256	-.256	0	%100
107	M122	X	-.642	-.642	0	%100
108	M122	Z	-.37	-.37	0	%100
109	M122A	X	-.642	-.642	0	%100
110	M122A	Z	-.37	-.37	0	%100
111	M123	X	-.38	-.38	0	%100
112	M123	Z	-.22	-.22	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	M48	X	-.096	-.096	0	%100
2	M48	Z	-.166	-.166	0	%100
3	M53	X	-.278	-.278	0	%100
4	M53	Z	-.481	-.481	0	%100
5	M54	X	-.278	-.278	0	%100
6	M54	Z	-.481	-.481	0	%100
7	M62	X	-.018	-.018	0	%100
8	M62	Z	-.031	-.031	0	%100
9	M63	X	-.02	-.02	0	%100
10	M63	Z	-.034	-.034	0	%100
11	M65	X	-.016	-.016	0	%100
12	M65	Z	-.027	-.027	0	%100
13	M66	X	-.148	-.148	0	%100
14	M66	Z	-.257	-.257	0	%100
15	M67	X	-5e-6	-5e-6	0	%100
16	M67	Z	-9e-6	-9e-6	0	%100
17	M111	X	-.369	-.369	0	%100
18	M111	Z	-.64	-.64	0	%100
19	M108	X	-.334	-.334	0	%100
20	M108	Z	-.579	-.579	0	%100
21	M109	X	-.334	-.334	0	%100
22	M109	Z	-.579	-.579	0	%100
23	M88	X	-.234	-.234	0	%100
24	M88	Z	-.405	-.405	0	%100
25	M93	X	-.159	-.159	0	%100
26	M93	Z	-.275	-.275	0	%100
27	MP4A	X	-.212	-.212	0	%100
28	MP4A	Z	-.367	-.367	0	%100
29	MP3A	X	-.212	-.212	0	%100
30	MP3A	Z	-.367	-.367	0	%100
31	MP2A	X	-.256	-.256	0	%100
32	MP2A	Z	-.444	-.444	0	%100
33	MP1A	X	-.212	-.212	0	%100
34	MP1A	Z	-.367	-.367	0	%100
35	M40	X	-.384	-.384	0	%100
36	M40	Z	-.665	-.665	0	%100
37	M56A	X	-.146	-.146	0	%100
38	M56A	Z	-.253	-.253	0	%100
39	M57A	X	-.146	-.146	0	%100
40	M57A	Z	-.253	-.253	0	%100
41	M63A	X	-.096	-.096	0	%100
42	M63A	Z	-.166	-.166	0	%100
43	M79	X	-5e-6	-5e-6	0	%100
44	M79	Z	-9e-6	-9e-6	0	%100
45	M80	X	-.148	-.148	0	%100
46	M80	Z	-.257	-.257	0	%100
47	M84	X	0	0	0	%100
48	M84	Z	0	0	0	%100
49	M89	X	0	0	0	%100
50	M89	Z	0	0	0	%100
51	MP4C	X	-.212	-.212	0	%100
52	MP4C	Z	-.367	-.367	0	%100
53	MP3C	X	-.212	-.212	0	%100
54	MP3C	Z	-.367	-.367	0	%100
55	MP1C	X	-.212	-.212	0	%100
56	MP1C	Z	-.367	-.367	0	%100
57	M98	X	-.234	-.234	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	M98	Z	-.405	-.405	0	%100
59	M103	X	-.159	-.159	0	%100
60	M103	Z	-.275	-.275	0	%100
61	MP4B	X	-.212	-.212	0	%100
62	MP4B	Z	-.367	-.367	0	%100
63	MP3B	X	-.212	-.212	0	%100
64	MP3B	Z	-.367	-.367	0	%100
65	MP1B	X	-.212	-.212	0	%100
66	MP1B	Z	-.367	-.367	0	%100
67	OVP1	X	-.153	-.153	0	%100
68	OVP1	Z	-.266	-.266	0	%100
69	M118	X	0	0	0	%100
70	M118	Z	0	0	0	%100
71	M119	X	-.369	-.369	0	%100
72	M119	Z	-.64	-.64	0	%100
73	M121	X	-.153	-.153	0	%100
74	M121	Z	-.266	-.266	0	%100
75	M118A	X	0	0	0	%100
76	M118A	Z	0	0	0	%100
77	M119A	X	0	0	0	%100
78	M119A	Z	0	0	0	%100
79	M120A	X	-.278	-.278	0	%100
80	M120A	Z	-.481	-.481	0	%100
81	M121A	X	-.278	-.278	0	%100
82	M121A	Z	-.481	-.481	0	%100
83	M116A	X	0	0	0	%100
84	M116A	Z	0	0	0	%100
85	M117A	X	0	0	0	%100
86	M117A	Z	0	0	0	%100
87	M118B	X	0	0	0	%100
88	M118B	Z	0	0	0	%100
89	M119B	X	-.018	-.018	0	%100
90	M119B	Z	-.031	-.031	0	%100
91	M120B	X	-.02	-.02	0	%100
92	M120B	Z	-.034	-.034	0	%100
93	M121B	X	-.016	-.016	0	%100
94	M121B	Z	-.027	-.027	0	%100
95	M118C	X	0	0	0	%100
96	M118C	Z	0	0	0	%100
97	M119C	X	0	0	0	%100
98	M119C	Z	0	0	0	%100
99	M120C	X	-.334	-.334	0	%100
100	M120C	Z	-.579	-.579	0	%100
101	M121C	X	-.334	-.334	0	%100
102	M121C	Z	-.579	-.579	0	%100
103	MP2C	X	-.256	-.256	0	%100
104	MP2C	Z	-.444	-.444	0	%100
105	MP2B	X	-.256	-.256	0	%100
106	MP2B	Z	-.444	-.444	0	%100
107	M122	X	-.27	-.27	0	%100
108	M122	Z	-.467	-.467	0	%100
109	M122A	X	-.421	-.421	0	%100
110	M122A	Z	-.729	-.729	0	%100
111	M123	X	-.27	-.27	0	%100
112	M123	Z	-.467	-.467	0	%100

Member Distributed Loads (BLC 87 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M53	Y	-4.986	-4.986	0	2.025
2	M54	Y	-5.051	-4.986	.225	2.25
3	M66	Y	-4.465	-3.318	.743	1.487
4	M66	Y	-3.318	-4.466	1.487	2.23
5	M66	Y	-4.466	-4.97	2.23	2.973
6	M66	Y	-4.97	-2.535	2.973	3.717
7	M67	Y	-2.704	-4.646	0	.743
8	M67	Y	-4.646	-4.082	.743	1.487
9	M67	Y	-4.082	-3.154	1.487	2.23
10	M67	Y	-3.154	-4.367	2.23	2.973
11	M56A	Y	-4.465	-3.318	.743	1.487
12	M56A	Y	-3.318	-4.466	1.487	2.23
13	M56A	Y	-4.466	-4.97	2.23	2.973
14	M56A	Y	-4.97	-2.535	2.973	3.717
15	M57A	Y	-2.704	-4.646	0	.743
16	M57A	Y	-4.646	-4.082	.743	1.487
17	M57A	Y	-4.082	-3.154	1.487	2.23
18	M57A	Y	-3.154	-4.367	2.23	2.973
19	M118A	Y	-5.327	-4.646	0	2.025
20	M119A	Y	-5.392	-4.646	.225	2.25
21	M79	Y	-4.465	-3.318	.743	1.487
22	M79	Y	-3.318	-4.466	1.487	2.23
23	M79	Y	-4.466	-4.97	2.23	2.973
24	M79	Y	-4.97	-2.535	2.973	3.717
25	M80	Y	-2.704	-4.646	0	.743
26	M80	Y	-4.646	-4.082	.743	1.487
27	M80	Y	-4.082	-3.154	1.487	2.23
28	M80	Y	-3.154	-4.367	2.23	2.973
29	M120A	Y	-5.327	-4.646	0	2.025
30	M121A	Y	-5.392	-4.646	.225	2.25

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M53	Y	-9.324	-9.324	0	2.025
2	M54	Y	-9.446	-9.324	.225	2.25
3	M66	Y	-8.35	-6.205	.743	1.487
4	M66	Y	-6.205	-8.351	1.487	2.23
5	M66	Y	-8.351	-9.293	2.23	2.973
6	M66	Y	-9.293	-4.74	2.973	3.717
7	M67	Y	-5.056	-8.687	0	.743
8	M67	Y	-8.687	-7.634	.743	1.487
9	M67	Y	-7.634	-5.899	1.487	2.23
10	M67	Y	-5.899	-8.166	2.23	2.973
11	M56A	Y	-8.35	-6.205	.743	1.487
12	M56A	Y	-6.205	-8.351	1.487	2.23
13	M56A	Y	-8.351	-9.293	2.23	2.973
14	M56A	Y	-9.293	-4.74	2.973	3.717
15	M57A	Y	-5.056	-8.687	0	.743
16	M57A	Y	-8.687	-7.634	.743	1.487
17	M57A	Y	-7.634	-5.899	1.487	2.23
18	M57A	Y	-5.899	-8.166	2.23	2.973
19	M118A	Y	-9.961	-8.687	0	2.025
20	M119A	Y	-10.083	-8.687	.225	2.25
21	M79	Y	-8.35	-6.205	.743	1.487
22	M79	Y	-6.205	-8.351	1.487	2.23
23	M79	Y	-8.351	-9.293	2.23	2.973

Member Distributed Loads (BLC 88 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M79	Y	-9.293	-4.74	2.973	3.717
25	M80	Y	-5.056	-8.687	0	.743
26	M80	Y	-8.687	-7.634	.743	1.487
27	M80	Y	-7.634	-5.899	1.487	2.23
28	M80	Y	-5.899	-8.166	2.23	2.973
29	M120A	Y	-9.961	-8.687	0	2.025
30	M121A	Y	-10.083	-8.687	.225	2.25

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M53	Y	-.22	-.22	0	2.025
2	M54	Y	-.222	-.22	.225	2.25
3	M66	Y	-.197	-.146	.743	1.487
4	M66	Y	-.146	-.197	1.487	2.23
5	M66	Y	-.197	-.219	2.23	2.973
6	M66	Y	-.219	-.112	2.973	3.717
7	M67	Y	-.119	-.205	0	.743
8	M67	Y	-.205	-.18	.743	1.487
9	M67	Y	-.18	-.139	1.487	2.23
10	M67	Y	-.139	-.192	2.23	2.973
11	M56A	Y	-.197	-.146	.743	1.487
12	M56A	Y	-.146	-.197	1.487	2.23
13	M56A	Y	-.197	-.219	2.23	2.973
14	M56A	Y	-.219	-.112	2.973	3.717
15	M57A	Y	-.119	-.205	0	.743
16	M57A	Y	-.205	-.18	.743	1.487
17	M57A	Y	-.18	-.139	1.487	2.23
18	M57A	Y	-.139	-.192	2.23	2.973
19	M118A	Y	-.235	-.205	0	2.025
20	M119A	Y	-.237	-.205	.225	2.25
21	M79	Y	-.197	-.146	.743	1.487
22	M79	Y	-.146	-.197	1.487	2.23
23	M79	Y	-.197	-.219	2.23	2.973
24	M79	Y	-.219	-.112	2.973	3.717
25	M80	Y	-.119	-.205	0	.743
26	M80	Y	-.205	-.18	.743	1.487
27	M80	Y	-.18	-.139	1.487	2.23
28	M80	Y	-.139	-.192	2.23	2.973
29	M120A	Y	-.235	-.205	0	2.025
30	M121A	Y	-.237	-.205	.225	2.25

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M53	Z	-.89	-.205	0	2.025
2	M54	Z	-.898	-.205	.225	2.25
3	M66	Z	-.49	-.364	.743	1.487
4	M66	Z	-.364	-.49	1.487	2.23
5	M66	Z	-.49	-.546	2.23	2.973
6	M66	Z	-.546	-.278	2.973	3.717
7	M67	Z	-.297	-.51	0	.743
8	M67	Z	-.51	-.448	.743	1.487
9	M67	Z	-.448	-.346	1.487	2.23
10	M67	Z	-.346	-.48	2.23	2.973
11	M56A	Z	-.49	-.364	.743	1.487
12	M56A	Z	-.364	-.49	1.487	2.23
13	M56A	Z	-.49	-.546	2.23	2.973

Member Distributed Loads (BLC 90 : BLC 85 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
14	M56A	Z	-.546	-.278	2.973	3.717
15	M57A	Z	-.297	-.51	0	.743
16	M57A	Z	-.51	-.448	.743	1.487
17	M57A	Z	-.448	-.346	1.487	2.23
18	M57A	Z	-.346	-.48	2.23	2.973
19	M118A	Z	-.585	-.51	0	2.025
20	M119A	Z	-.592	-.51	.225	2.25
21	M79	Z	-.49	-.364	.743	1.487
22	M79	Z	-.364	-.49	1.487	2.23
23	M79	Z	-.49	-.546	2.23	2.973
24	M79	Z	-.546	-.278	2.973	3.717
25	M80	Z	-.297	-.51	0	.743
26	M80	Z	-.51	-.448	.743	1.487
27	M80	Z	-.448	-.346	1.487	2.23
28	M80	Z	-.346	-.48	2.23	2.973
29	M120A	Z	-.585	-.51	0	2.025
30	M121A	Z	-.592	-.51	.225	2.25

Member Distributed Loads (BLC 91 : BLC 86 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M53	X	.548	.548	0	2.025
2	M54	X	.555	.548	.225	2.25
3	M66	X	.49	.364	.743	1.487
4	M66	X	.364	.49	1.487	2.23
5	M66	X	.49	.546	2.23	2.973
6	M66	X	.546	.278	2.973	3.717
7	M67	X	.297	.51	0	.743
8	M67	X	.51	.448	.743	1.487
9	M67	X	.448	.346	1.487	2.23
10	M67	X	.346	.48	2.23	2.973
11	M56A	X	.49	.364	.743	1.487
12	M56A	X	.364	.49	1.487	2.23
13	M56A	X	.49	.546	2.23	2.973
14	M56A	X	.546	.278	2.973	3.717
15	M57A	X	.297	.51	0	.743
16	M57A	X	.51	.448	.743	1.487
17	M57A	X	.448	.346	1.487	2.23
18	M57A	X	.346	.48	2.23	2.973
19	M118A	X	.585	.51	0	2.025
20	M119A	X	.592	.51	.225	2.25
21	M79	X	.49	.364	.743	1.487
22	M79	X	.364	.49	1.487	2.23
23	M79	X	.49	.546	2.23	2.973
24	M79	X	.546	.278	2.973	3.717
25	M80	X	.297	.51	0	.743
26	M80	X	.51	.448	.743	1.487
27	M80	X	.448	.346	1.487	2.23
28	M80	X	.346	.48	2.23	2.973
29	M120A	X	.585	.51	0	2.025
30	M121A	X	.592	.51	.225	2.25

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.005
2	N79A	N80A	N83A	N82A	Y	Two Way	-.005

Member Area Loads (BLC 39 : Structure D) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
3	N110	N111	N114	N113	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.01
2	N79A	N80A	N83A	N82A	Y	Two Way	-.01
3	N110	N111	N114	N113	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Y	Two Way	-.000229
2	N79A	N80A	N83A	N82A	Y	Two Way	-.000229
3	N110	N111	N114	N113	Y	Two Way	-.000229

Member Area Loads (BLC 85 : Structure Eh (0 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	Z	Two Way	-.000571
2	N79A	N80A	N83A	N82A	Z	Two Way	-.000571
3	N110	N111	N114	N113	Z	Two Way	-.000571

Member Area Loads (BLC 86 : Structure Eh (90 Deg))

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N76	N77	N80	N79	X	Two Way	.000571
2	N79A	N80A	N83A	N82A	X	Two Way	.000571
3	N110	N111	N114	N113	X	Two Way	.000571

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	M48	HSS5X3...	.086	0	10	.027	0	z	10	18804...	197892	17.595	25.323	...	H1-1b
2	M53	L3.5X3X3	.606	0	24	.042	0	y	24	29001...	38458...	1.272	2.871	...	H2-1
3	M54	L3.5X3X3	.587	2....	22	.042	2.25	y	22	29001...	38458...	1.272	2.871	...	H2-1
4	M62	PL3/16x2	.000	1.3	7	.015	1.3	y	18	254.9...	12150	.047	.506	...	H1-1...
5	M63	PL3/16x2	.004	3....	8	.007	1.7...	y	5	136.7...	12150	.047	.398	...	H1-1...
6	M65	PL3/16x2	.007	1....	24	.058	.825	y	19	632.4...	12150	.047	.506	...	H1-1...
7	M66	BentPlat...	.292	3....	7	.035	2.8...	y	20	8309....	22115...	2.819	.177	...	H2-1
8	M67	BentPlat...	.277	0	7	.032	0	y	16	8309....	22115...	2.819	.177	...	H2-1
9	M111	L5.5x3.7...	.159	1.2	3	.034	0	z	10	28759...	55054...	2.403	3.041	...	H2-1
10	M108	L5.5x2.5...	.481	.3...	8	.095	.375	z	1	31841...	47460...	.496	2.525	...	H2-1
11	M109	L5.5x2.5...	.389	0	5	.085	0	y	13	31841...	47460...	.496	2.525	...	H2-1
12	M88	PIPE_3.0	.206	6....	40	.055	8.6...		6	28250...	65205	5.749	5.749	...	H1-1b
13	M93	PIPE_2.0	.217	1...	4	.090	.638		7	6295....	32130	1.872	1.872	...	H1-1b
14	MP4A	PIPE_2.0	.227	4....	10	.110	3.7...		12	20866...	32130	1.872	1.872	...	H1-1b
15	MP3A	PIPE_2.0	.255	4....	10	.082	1.8...		8	20866...	32130	1.872	1.872	...	H1-1b
16	MP2A	PIPE_2.5	.226	4....	4	.074	4.6...		4	37773...	50715	3.596	3.596	...	H1-1b
17	MP1A	PIPE_2.0	.282	4....	5	.119	.184		8	20866...	32130	1.872	1.872	...	H1-1b
18	M40	HSS5X3...	.084	0	6	.035	0	y	38	16023...	197892	17.595	25.323	...	H1-1b
19	M56A	BentPlat...	.227	3....	3	.023	0	z	13	8309....	22115...	2.819	.177	...	H2-1
20	M57A	BentPlat...	.215	0	3	.024	3.7...	z	18	8309....	22115...	2.819	.177	...	H2-1
21	M63A	HSS5X3...	.082	0	2	.035	5.0...	y	26	18804...	197892	17.595	25.323	...	H1-1b
22	M79	BentPlat...	.276	3....	11	.034	2.8...	y	24	8309....	22115...	2.819	.177	...	H2-1
23	M80	BentPlat...	.270	0	11	.033	0	y	20	8309....	22115...	2.819	.177	...	H2-1
24	M84	PIPE_3.0	.167	6....	24	.050	8.6...		2	28250...	65205	5.749	5.749	...	H1-1b
25	M89	PIPE_2.0	.236	.6...	6	.087	.638		3	6295....	32130	1.872	1.872	...	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc...	...	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
26	MP4C	PIPE_2.0	.235	4....	6	.110	.184		8	20866...	32130	1.872	1.872	...	H1-1b
27	MP3C	PIPE_2.0	.265	4....	6	.079	1.8...		4	20866...	32130	1.872	1.872	...	H1-1b
28	MP1C	PIPE_2.0	.278	4....	12	.112	.184		4	20866...	32130	1.872	1.872	...	H1-1b
29	M98	PIPE_3.0	.165	6....	20	.051	6.25		6	28250...	65205	5.749	5.749	...	H1-1b
30	M103	PIPE_2.0	.226	1...	8	.089	.638		12	6295....	32130	1.872	1.872	...	H1-1b
31	MP4B	PIPE_2.0	.234	4....	2	.102	.184		4	20866...	32130	1.872	1.872	...	H1-1b
32	MP3B	PIPE_2.0	.267	4....	2	.082	4.6...		12	20866...	32130	1.872	1.872	...	H1-1b
33	MP1B	PIPE_2.0	.293	4....	8	.112	.184		12	20866...	32130	1.872	1.872	...	H1-1b
34	OVP1	PIPE_2.0	.059	2	2	.011	2		2	30625...	32130	1.872	1.872	...	H1-1b
35	M118	L5.5x3.7...	.153	1.2	11	.035	0	z	6	28759...	55054...	2.403	3.041	...	H2-1
36	M119	L5.5x3.7...	.168	1.2	6	.033	0	z	2	28759...	55054...	2.403	3.041	...	H2-1
37	M121	PIPE_2.0	.006	2	6	.001	2		6	30625...	32130	1.872	1.872	...	H1-1b
38	M118A	L3.5X3X3	.608	0	20	.043	0	y	20	29001...	38458...	1.272	2.871	...	H2-1
39	M119A	L3.5X3X3	.593	2....	18	.043	2.25	y	18	29001...	38458...	1.272	2.871	...	H2-1
40	M120A	L3.5X3X3	.601	0	16	.042	0	y	16	29001...	38458...	1.272	2.871	...	H2-1
41	M121A	L3.5X3X3	.582	2....	14	.041	2.25	y	14	29001...	38458...	1.272	2.871	...	H2-1
42	M116A	PL3/16x2	.004	1.3	3	.019	1.3	y	14	254.9...	12150	.047	.506	...	H1-1...
43	M117A	PL3/16x2	.003	3....	4	.008	1.7...	y	1	136.7...	12150	.047	.399	...	H1-1...
44	M118B	PL3/16x2	.003	0	9	.004	1.6...	y	5	632.4...	12150	.047	.506	...	H1-1...
45	M119B	PL3/16x2	.000	2.6	12	.015	1.3	y	24	254.9...	12150	.047	.506	...	H1-1...
46	M120B	PL3/16x2	.004	3....	12	.007	1.7...	y	1	136.7...	12150	.047	.398	...	H1-1...
47	M121B	PL3/16x2	.007	1....	16	.057	.825	y	24	632.4...	12150	.047	.506	...	H1-1...
48	M118C	L5.5x2.5...	.473	.3...	15	.099	.375	z	15	31841...	47460...	.496	2.525	...	H2-1
49	M119C	L5.5x2.5...	.520	0	14	.102	0	z	15	31841...	47460...	.496	2.525	...	H2-1
50	M120C	L5.5x2.5...	.516	.3...	35	.091	.375	z	5	31841...	47460...	.496	2.525	...	H2-1
51	M121C	L5.5x2.5...	.470	0	10	.085	0	y	17	31841...	47460...	.496	2.525	...	H2-1
52	MP2C	PIPE_2.5	.240	4....	12	.077	4.6...		12	37773...	50715	3.596	3.596	...	H1-1b
53	MP2B	PIPE_2.5	.235	4....	8	.078	4.6...		8	37773...	50715	3.596	3.596	...	H1-1b
54	M122	LL3x3x3...	.072	0	13	.002	5.4...	z	4	47507...	70632	5.543	3.751	1	H1-1...
55	M122A	LL3x3x3...	.071	0	21	.003	0	z	12	47507...	70632	5.543	3.751	1	H1-1...
56	M123	LL3x3x3...	.072	0	17	.003	5.4...	y	30	47507...	70632	5.543	3.751	1	H1-1...

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	N67	max	767.336	10	585.874	19	3316.768	1	.929	7	1.227	4	.148	12
2		min	-776.749	4	-81.428	1	-1914.33	7	-.613	1	-1.207	10	-.198	6
3	N70A	max	2587.138	9	437.336	3	843.312	2	.409	9	1.2	12	.473	10
4		min	-1360.433	3	-81.185	9	-1552.581	8	-.622	39	-1.199	6	-.637	4
5	N101	max	1468.487	11	461.935	12	850.858	12	.271	6	1.149	8	.834	11
6		min	-2686.898	5	-85.633	6	-1543.647	6	-.595	48	-1.163	2	-.599	5
7	N191D	max	38.825	10	1930.26	13	-1.132	7	0	75	0	4	0	10
8		min	-38.685	4	11.084	7	-2816.178	13	0	1	0	10	0	4
9	N193C	max	-97.113	3	1914.277	21	1396.075	21	0	6	0	48	0	48
10		min	-2418.141	21	85.095	3	56.069	3	0	48	0	6	0	6
11	N195B	max	2430.806	17	1924.033	17	1403.409	17	0	8	0	8	0	8
12		min	79.91	11	71.85	11	46.134	11	0	26	0	26	0	26
13	Totals:	max	2839.138	10	6329.86	22	2995.597	1						
14		min	-2839.142	4	2225.452	67	-2995.599	7						

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	9/27/2023
Site Name:	MADISON 5 CT - FTP Orchard Park		
MDG #:	5000392629		
Fuze ID #:	16067465	Page:	1

Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.75
Required Tensile Strength / bolt (kips):	1.5
Required Shear Strength / bolt (kips):	0.2
Tensile Capacity / bolt (kips):	29.8
Shear Capacity / bolt (kips):	17.9
Bolt Overall Utilization:	**4.9%**
Tower Connection Baseplate Checks	No

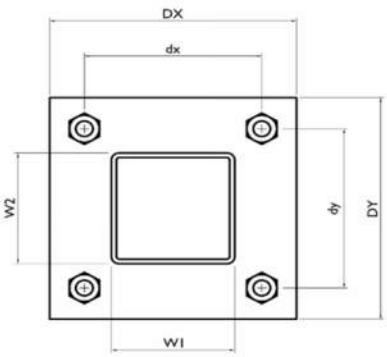


EXHIBIT 5

Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:

283421

Site Name:

Madison CT

Location:

Madison, Connecticut

Tenants:

AT&T Mobility, T-Mobile, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

September 6th, 2023

92190 P-405611

Prepared By:

Adam Carlson MS, CBRE, CPI
Program Manager RF Design & Service
Tower Engineering Professionals

Approved By:

TOWER ENGINEERING PROFESSIONALS

Contents

TOWER ENGINEERING PROFESSIONALS

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Non-Ionizing Electromagnetic Radiation (NIER) Study

283421 Madison CT
Madison, Connecticut

INTRODUCTION

Tower Engineering Professionals RF Design & Services Division (TEP-RF) of Raleigh, North Carolina, has been retained by American Tower, Inc. (ATC), of Woburn, Massachusetts to evaluate the RF emissions compared to the Maximum Permissible Exposure (MPE) limit for facilities at this location. This evaluation uses compliance standards as outlined in Federal Communications Commission (FCC) document OET-65.

SITE AND FACILITY CONSIDERATIONS

Site 283421 Madison CT is located at 15 Orchard Park Rd., in Madison, Connecticut at coordinates 41.283064, -72.623074. The support structure is a 99' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), T-Mobile (T-Mobile), & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

Power densities were calculated based on FCC MPE limits for both General Population/Uncontrolled and Occupational/Controlled environments.

For the purpose of this study, a radius of 150' from the base of the tower with a height of 6' above ground level was used, beyond 150' the MPE levels become *di minimus*. This study utilized FCC recognized and accepted software programs using the maximum ERP levels for the antenna models provided by ATC. Diagrams depicting the predicted spatial average power density level at any specific location may be found in Appendix 3, MPE Limit Study. A discussion regarding the FCC limits may be found in Appendix 4, Information Pertaining to MPE Studies. Study methodology describing Non-ionizing Radiation Prediction Models used in this study may be found in Appendix 5, MPE Standards Methodology.

All data used in this study was collected from one or more of the following sources:

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at 283421 MADISON CT.RF NIER Study 8/21/23.
- FCC databases.
- Carrier standard configurations.
- Empirical data collected by TEP.

SITE MITIGATION & CONTROL

In order to comply with FCC, tenant, & ATC requirements, TEP recommends the placement of signage at the base of the tower and all compound access points to alert workers of potential exposure to RF fields while working on or near the antennae.

TEP recommends that all personnel working on this tower be trained in RF safety procedures and carry a personal RF monitor at all times.

COMPLIANCE DETERMINATION

This installation ***IS*** in compliance with current FCC MPE limits as described in FCC OET-65.

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APPENDIX 1 Site Photos

Aerial View of Site

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Appendix 2.1 Antenna Inventory

283421 Madison CT							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	T-Mobile	Ericsson	Air 21	1900/2100	030	1556	97
2	T-Mobile	Ericsson	Air 21	1900/2100	150	1556	97
3	T-Mobile	Ericsson	Air 21	1900/2100	270	1556	97
4	T-Mobile	Ericsson	Air 21	2100	030	778	97
5	T-Mobile	Ericsson	Air 21	2100	150	778	97
6	T-Mobile	Ericsson	Air 21	2100	270	778	97
7	T-Mobile	RFS	APXVAALL24	600/700/2100	030	19499	95
8	T-Mobile	RFS	APXVAALL24	600/700/2100	150	19499	95
9	T-Mobile	RFS	APXVAALL24	600/700/2100	270	19499	95
10	AT&T	CCI	DMP65R-BU8D	700/800/1900/2300/3400/3500/3700/3800/3900	000	99052	85
11	AT&T	CCI	DMP65R-BU8D	700/800/1900/2300/3400/3500/3700/3800/3900	120	99052	85
12	AT&T	CCI	DMP65R-BU8D	700/800/1900/2300/3400/3500/3700/3800/3900	240	99052	85
13	AT&T	CCI	TPA65R-BU8D	700/800/1900/2300/3400/3500/3700/3800/3900	000	99052	85
14	AT&T	CCI	TPA65R-BU8D	700/800/1900/2300/3400/3500/3700/3800/3900	120	99052	85
15	AT&T	CCI	TPA65R-BU8D	700/800/1900/2300/3400/3500/3700/3800/3900	240	99052	85

TOWER ENGINEERING PROFESSIONALS

Appendix 2.2 Antenna Inventory

283421 Madison CT							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
16	AT&T	Ericsson	Air 6449	700/800/1900/2300/3400/3500/3700/3800/3900	000	71640	85
17	AT&T	Ericsson	Air 6449	700/800/1900/2300/3400/3500/3700/3800/3900	120	71640	85
18	AT&T	Ericsson	Air 6449	700/800/1900/2300/3400/3500/3700/3800/3900	240	71640	85
19	AT&T	Ericsson	Air 6449	700/800/1900/2300/3400/3500/3700/3800/3900	000	71640	85
20	AT&T	Ericsson	Air 6449	700/800/1900/2300/3400/3500/3700/3800/3900	120	71640	85
21	AT&T	Ericsson	Air 6449	700/800/1900/2300/3400/3500/3700/3800/3900	240	71640	85
22	Verizon	Samsung	MT64007	3700/3800/3900	340	18700	77.5
23	Verizon	Samsung	MT64007	3700/3800/3900	120	18700	77.5
24	Verizon	Samsung	MT64007	3700/3800/3900	220	18700	77.5
25	Verizon	JMA	MX06FRO660-03	700/800/1900/2100	340	29765	76
26	Verizon	JMA	MX06FRO660-03	700/800/1900/2100	120	29765	76
27	Verizon	JMA	MX06FRO660-03	700/800/1900/2100	220	29765	76
28	Verizon	JMA	MX06FRO660-03	700/800/1900/2100	340	29765	76
29	Verizon	JMA	MX06FRO660-03	700/800/1900/2100	120	29765	76
30	Verizon	JMA	MX06FRO660-03	700/800/1900/2100	220	29765	76
31	Verizon	Samsung	Outdoor CBRS	3500/3600/3700	340	485	74
32	Verizon	Samsung	Outdoor CBRS	3500/3600/3700	120	485	74
33	Verizon	Samsung	Outdoor CBRS	3500/3600/3700	220	485	74

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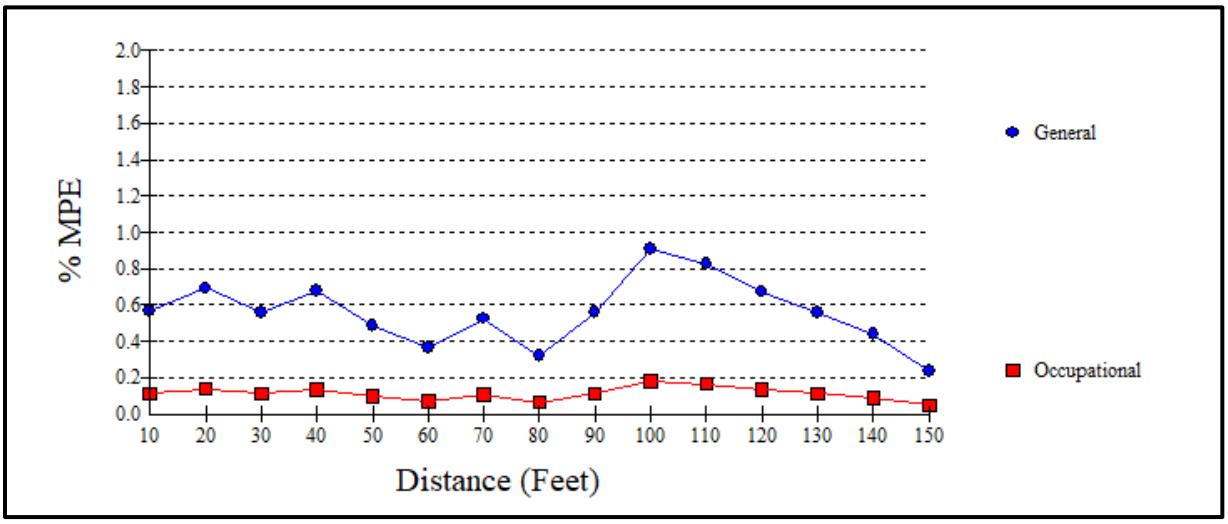
Appendix 3.1 MPE Limit Study



Maximum Power Density (@100'):	0.0056 mW/cm²
General Population MPE (@100'):	0.9069%
Occupational MPE (@100'):	0.1814%

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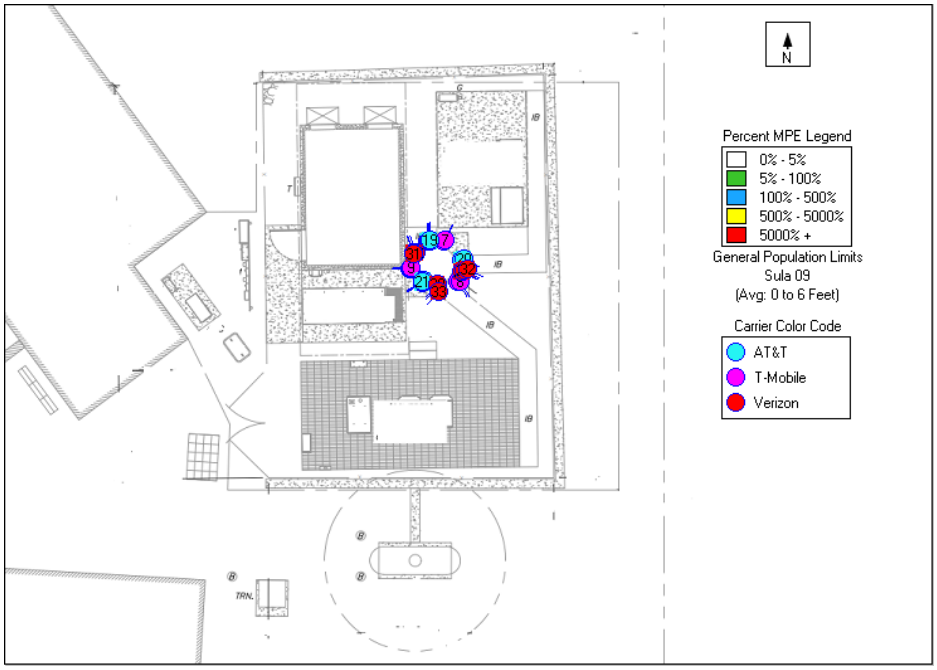
Appendix 3.2 MPE Limit Study



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Appendix 4 Information Pertaining to MPE Studies

In 1985, the FCC first adopted guidelines to be used for evaluating human exposure to RF emissions. The FCC revised and updated these guidelines on August 1, 1996, as a result of a rule-making proceeding initiated in 1993. The new guidelines incorporate limits for Maximum Permissible Exposure (MPE) in terms of electric and magnetic field strength and power density for transmitters operating at frequencies between 300 kHz and 100 GHz.

The FCC's MPE limits are based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP), and, over a wide range of frequencies, the exposure limits were developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC's limits, and the NCRP and ANSI/IEEE limits on which they are based, are derived from exposure criteria quantified in terms of specific absorption rate (SAR). The basis for these limits is a whole-body averaged SAR threshold level of 4 watts per kilogram (4 W/kg), as averaged over the entire mass of the body, above which expert organizations have determined that potentially hazardous exposures may occur. The MPE limits are derived by incorporating safety factors that lead, in some cases, to limits that are more conservative than the limits originally adopted by the FCC in 1985. Where more conservative limits exist, they do not arise from a fundamental change in the RF safety criteria for whole-body averaged SAR, but from a precautionary desire to protect subgroups of the general population who, potentially, may be more at risk.

The FCC exposure limits are also based on data showing that the human body absorbs RF energy at some frequencies more efficiently than at others. The most restrictive limits occur in the frequency range of 30-300 MHz where whole-body absorption of RF energy by human beings is most efficient. At other frequencies, whole-body absorption is less efficient, and consequently, the MPE limits are less restrictive.

MPE limits are defined in terms of power density (units of milliwatts per centimeter squared: mW/cm^2), electric field strength (units of volts per meter: V/m) and magnetic field strength (units of amperes per meter: A/m). The far-field of a transmitting antenna is where the electric field vector (E), the magnetic field vector (H), and the direction of propagation can be considered to be all mutually orthogonal ("plane-wave" conditions).

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area. Additional details can be found in FCC OET 65.

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Appendix 5 MPE Standards Methodology

This study predicts RF field strength and power density levels that emanate from communications system antennae. It considers all transmitter power levels (less filter and line losses) delivered to each active transmitting antenna at the communications site. Calculations are performed to determine power density and MPE levels for each antenna as well as composite levels from all antennas. The calculated levels are based on where a human (Observer) would be standing at various locations at the site. The point of interest where the MPE level is predicted is based on the height of the Observer.

Compliance with the FCC limits on RF emissions are determined by spatially averaging a person's exposure over the projected area of an adult human body, that is approximately six-feet or two-meters, as defined in the ANSI/IEEE C95.1 standard. The MPE limits are specified as time-averaged exposure limits. This means that exposure is averaged over an identifiable time interval. It is 30 minutes for the general population/uncontrolled RF environment and 6 minutes for the occupational/controlled RF environment. However, in the case of the general public, time averaging should not be applied because the general public is typically not aware of RF exposure, and they do not have control of their exposure time. Therefore, it should be assumed that any RF exposure to the general public will be continuous.

The FCC's limits for exposure at different frequencies are shown in the following Tables.

Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 3.0	614	1.63	100*	6
3.0 - 30	1842/f	4.89/f	$900/F^2$	6
30 - 300	61.4	0.163	1.0	6
300 - 1500	--	--	f/300	6
1500 - 100,000	--	--	5	6

f = frequency

* = Plane-wave equivalent power density

Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 1.34	614	1.63	100*	30
1.34 - 30	824/f	2.19/f	$180/F^2$	30
30 -300	27.5	0.073	0.2	30
300 -1500	--	--	f/1500	30
1500 -100,000	--	--	1.0	30

f = frequency

* = Plane-wave equivalent power density

General population/uncontrolled exposures apply in situations in which the general public may be exposed or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

It is important to understand that these limits apply cumulatively to all sources of RF emissions affecting a given area. For example, if several different communications system antennas occupy a shared facility such as a tower or rooftop, then the total exposure from all systems at the facility must be within compliance of the FCC guidelines.

The field strength emanating from an antenna can be estimated based on the characteristics of an antenna radiating in free space. There are basically two field areas associated with a radiating antenna. When close to the antenna, the region is known as the Near Field. Within this region, the characteristics of the RF fields are very complex, and the wave front is extremely curved. As you move further from the antenna, the wave front has less curvature and becomes planar. The wave front still has a curvature, but it appears to occupy a flat plane in space (plane-wave radiation). This region is known as the Far Field.

Two models are utilized to predict Near and Far field power densities. They are based on the formulae in FCC OET 65.

Cylindrical Model (Near Field Predictions)

Spatially averaged plane-wave equivalent power densities parallel to the antenna may be estimated by dividing the antenna input power by the surface area of an imaginary cylinder surrounding the length of the radiating antenna. While the actual power density will vary along the height of the antenna, the average value along its length will closely follow the relation given by the following equation:

$$S = P \div 2\pi RL$$

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

For directional-type antennas, power densities can be estimated by dividing the input power by that portion of a cylindrical surface area corresponding to the angular beam width of the antenna. For example, for the case of a 120-degree azimuthal beam width, the surface area should correspond to 1/3 that of a full cylinder. This would increase the power density near the antenna by a factor of three over that for a purely omni-directional antenna. Mathematically, this can be represented by the following formula:

$$S = (180 / \theta_{BW}) P \div \pi RL$$

Where:

S = Power Density

θ_{BW} = Beam width of antenna in degrees (3 dB half-power point)

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

If the antenna is a 360-degree omni-directional antenna, this formula would be equivalent to the previous formula.

Spherical Model (Far Field Predictions)

Spatially averaged plane-wave power densities in the Far Field of an antenna may be estimated by considering the additional factors of antenna gain and reflective waves that would contribute to exposure.

The radiation pattern of an antenna has developed in the Far Field region and the power gain needs to be considered in exposure predictions. Also, if the vertical radiation pattern of the antenna is considered, the exposure predictions would most likely be reduced significantly at ground level, resulting in a more realistic estimate of the actual exposure levels.

Additionally, to model a truly "worst case" prediction of exposure levels at or near a surface, such as at ground-level or on a rooftop, reflection off the surface of antenna radiation power can be assumed, resulting in a potential four-fold increase in power density.

These additional factors are considered, and the Far Field prediction model is determined by the following equation:

$$S = EIRP \times Rc \div 4\pi R^2$$

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

The EIRP includes the antenna gain. If the antenna pattern is considered, the antenna gain is relative based on the horizontal and vertical pattern gain values at that particular location in space, on a rooftop or on the ground. However, it is recommended that the antenna radiation pattern characteristics not be considered to provide a conservative "worst case" prediction. This is the equation is utilized for the Far Field exposure predictions herein.

EXHIBIT 6

DOCKET NO. 390 – T-Mobile Northeast LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, management, and maintenance of a telecommunications facility at 15 Orchard Park Road, Madison, Connecticut.	}	Connecticut
	}	Siting
	}	Council

March 26, 2010

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, management, and maintenance of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to T-Mobile Northeast LLC, hereinafter referred to as the Certificate Holder, for a telecommunications facility at 15 Orchard Park Road, located in Madison, Connecticut.

Unless otherwise approved by the Council, the facility shall be constructed, managed, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of T-Mobile Northeast LLC and other entities, both public and private, but such tower shall not exceed a height of 100 feet above ground level. The tower shall be designed so that its height may be extendable to 120 feet above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Madison for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
    a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping;
    b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, including extra controls to protect nearby wetlands;
    c) a tower with a yield point at approximately 83 feet above ground level;
    d) privacy slats installed in the chain link fence enclosing the compound; and
    e) a grading plan that drains the facility to the south.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

6. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Madison public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.

8. At least one wireless telecommunications carrier shall install their equipment and shall become operational not later than 120 days after the tower is erected. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.

9. Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Madison. Any proposed modifications to this Decision and Order shall likewise be so served.

10. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

11. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.

12. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the New Haven Register.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

Applicant	**Its Representative**
T-Mobile Northeast, LLC	Julie D. Kohler, Esq. Jesse A. Langer, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604
Party	**Its Representative**
Town of Madison	Marilyn Ozols Planning and Zoning Administrator Town of Madison 8 Campus Drive Madison, CT 06443

EXHIBIT 7

UPS Delivery Notification, Tracking Number 1Z9Y45030339365226

UPS <pkginfo@ups.com>
Wed 1/24/2024 11:46 AM
To:Barbara Kassabian <bkassabian@clinellc.com>

Hello, your package has been delivered.

Delivery Date: Wednesday, 01/24/2024
Delivery Time: 11:44 AM
Left At: INSIDE DELIV
Signed by: DONNA

CENTERLINE SITE ACQUISITION

Tracking Number:	**1Z9Y45030339365226**
Ship To:	AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 018011053 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	13684191

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Hello, your package has been delivered.

Delivery Date: Wednesday, 01/24/2024
Delivery Time: 12:26 PM
Signed by: CHAMPAGNE

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030309897593
Ship To:	PEGGY LYONS FIRST SELECTWOMAN 8 CAMPUS DRIVE MADISON, CT 064432562 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	13684191

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Delivery Date: Wednesday, 01/24/2024
Delivery Time: 12:26 PM
Signed by: CHAMPAGNE

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030338033005
Ship To:	ERIN MANNIX TOWN PLANNER 8 CAMPUS DRIVE MADISON, CT 064432562 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	13684191

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UPS CampusShip: View/Print Label

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**
   Customers with a Daily Pickup
   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup
   Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.
   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   Hand the package to any UPS driver in your area.

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