

October 4, 2023

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Notice of Exempt Modification – Facility Modification
186 Black Rock Turnpike, Redding, Connecticut**

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains a wireless telecommunications facility at the above-referenced address (the “Property”). Cellco’s facility consists of antennas and remote radio heads attached to a tower. Equipment associated with the facility is located on the ground adjacent to the tower. The tower and Cellco’s use of the tower were approved by the Siting Council (“Council”) in October of 2007 (Docket No. 334). A copy of the Council’s Docket No. 469 Decision and Order is included in Attachment 1.

Cellco’s proposed modification involves the installation of six (6) interference mitigation filters (“Filters”) on its existing antenna platform and antenna mounting assembly. The Filter specification sheet is included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 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 Redding’s Chief Elected Official and Land Use Officer. A copy of this letter is being sent to the owner of the Property.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modifications will not result in an increase in the height of the existing tower. The Filters will be installed on Cellco’s existing antenna platform and antenna mounting assembly.

27971570-v1

Melanie A. Bachman, Esq.
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2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, 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 installation of the Filters will not result in a change to radio frequency (RF) emissions from the facility. Therefore, no new RF emissions information is included in this filing.

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

6. According to the attached Structural Analysis Report ("SA") and Antenna Mount Analysis Report ("MA"), the existing tower, foundation, antenna platform and mounting assembly can support Cellco's proposed modifications. A copy of the SA and MA are included in Attachment 3.

A copy of the parcel map and Property owner information is included in Attachment 4. A Certificate of Mailing verifying that this filing was sent to municipal officials and the property owner is included in Attachment 5.

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

Sincerely,



Kenneth C. Baldwin

Enclosures

Copy to:

Julia Pemberton, First Selectwoman
Aimee Pardee, Land Use Director
Redding Fire District 1, Property Owner
Alex Tyurin, Verizon Wireless

ATTACHMENT 1

DOCKET NO. 334 – Sprint Nextel Corporation application for a } Connecticut
Certificate of Environmental Compatibility and Public Need for }
the construction, maintenance and operation of a wireless } Siting
telecommunications facility at 186 Black Rock Turnpike, } Council
Redding, Connecticut. }

October 16, 2007

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, operation, 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 Sprint Nextel Corporation, hereinafter referred to as the Certificate Holder, for a telecommunications facility at 186 Black Rock Turnpike, Connecticut.

The facility shall be constructed, operated, 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 Sprint Nextel Corporation and other entities, both public and private, but such tower shall not exceed a height of 121-feet 6-inches above ground level. The height at the top of the Certificate Holder's antennas shall not exceed 121 feet 6-inches 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 Redding 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; and
 - b) construction plans for site clearing, grading, water drainage, and erosion and sedimentation control consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
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 Redding 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. 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 Redding. Any proposed modifications to this Decision and Order shall likewise be so served.
9. The Certificate Holder shall engineer a break point on the monopole to ensure that the tower setback radius remains within the property boundaries of the Redding Ridge Fire District.
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. To the extent reasonably feasible, the Certificate Holder shall comply with the Connecticut Department of Public Health's Best Management Practices to protect the drinking water supply.
13. 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 published in the Danbury News Times and the Redding Pilot.

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

Sprint Nextel Corporation

Its Representative

Thomas J. Regan, Esq.
Brown Rudnick Berlack Israels LLP
CityPlace I, 38th Floor
185 Asylum Street
Hartford, CT 06103-3402
(860) 509-6522
(860) 509-6501 fax
Tregan@brownrudnick.com

Intervenor

Cellco Partnership d/b/a Verizon Wireless

Its Representative

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597
(860) 275-8200
(860) 275-8299 fax
kbaldwin@rc.com

ATTACHMENT 2

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The BSF0020 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the BSF0020 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the BSF0020 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



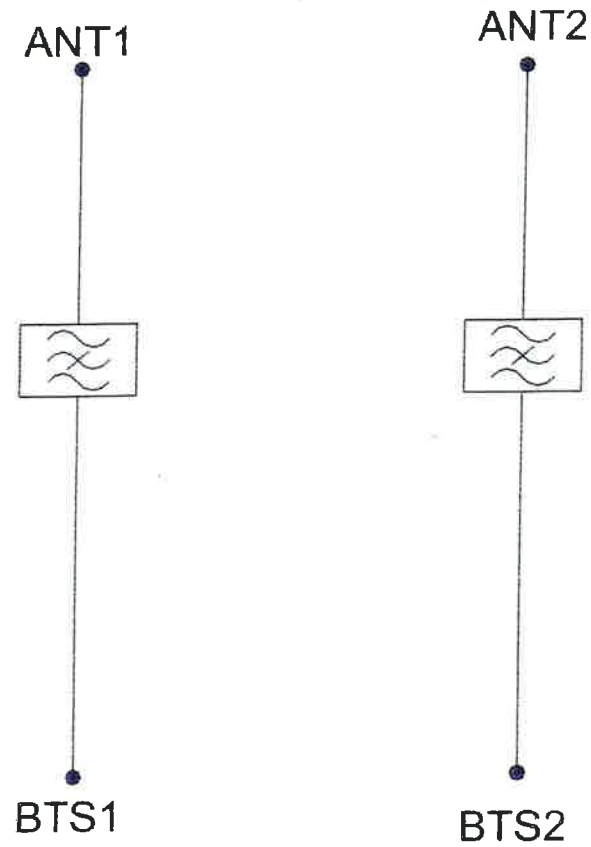
TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS		
700/850 MHz	850/700 MHz	900 DOWNLINK 2x2
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 ¹	
Compliance	3GPP TS 25.461	
ENVIRONMENTAL		
For further details of environmental compliance, please contact Kaelus.		
Temperature range	-20°C to +60°C -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.	

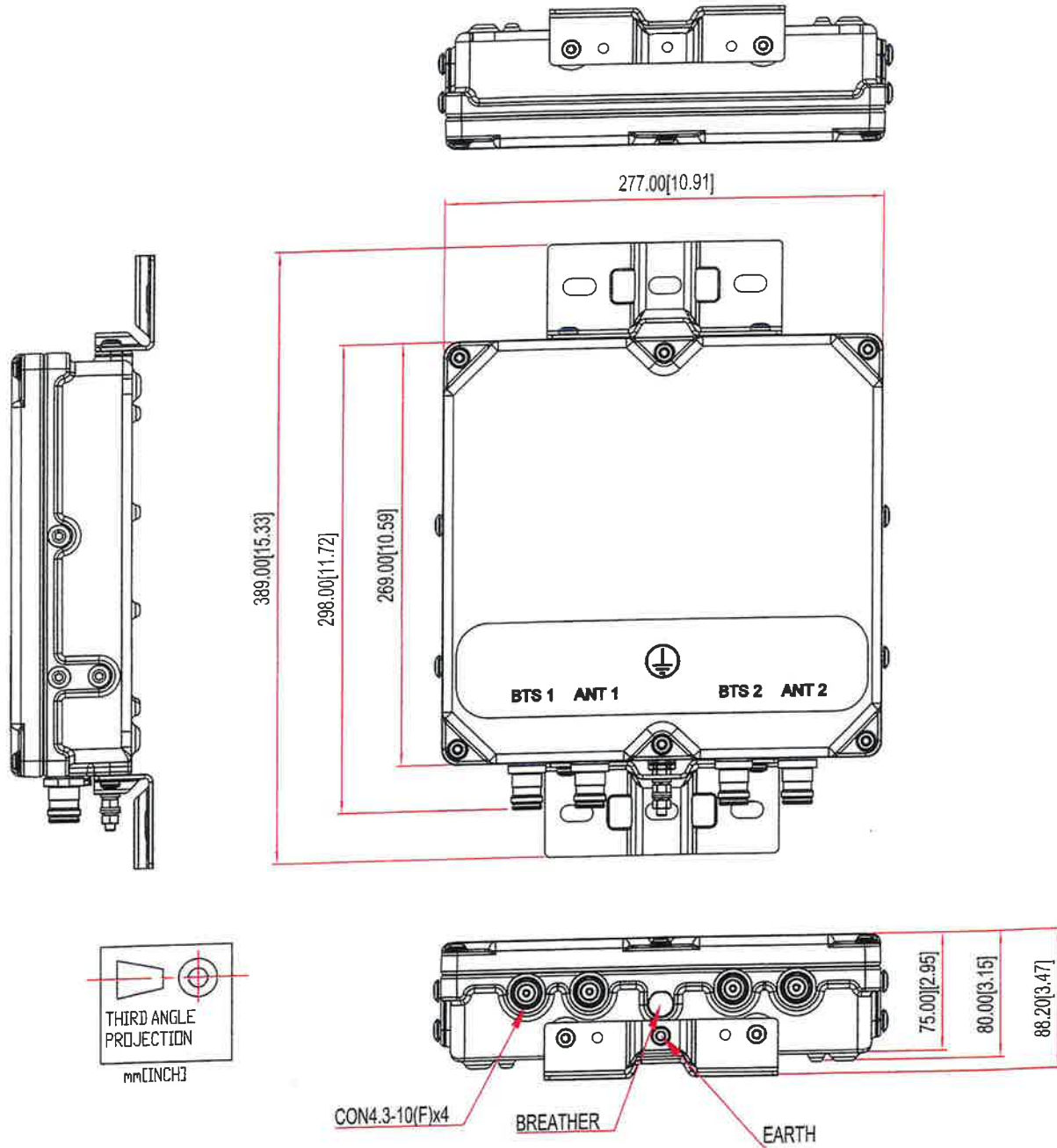
ORDERING INFORMATION

PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	SCHEMATIC
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



MECHANICAL BLOCK DIAGRAM



ATTACHMENT 3



Structural Analysis Report

Location Code: 468303
Site Name: REDDING NE CT – Fire Station
FUZE Project ID: 17123987
Project Name: RF Filter Add
Address: 186 Black Rock Turnpike
Redding, CT 06876

Client:

verizon✓

**20 ALEXANDER DRIVE
WALLINGFORD, CT 06492**

Date: 09/14/2023



Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
781-713-4725



Scope of Work:

Centerline Communications was authorized by Verizon Wireless to perform an analysis of the existing 149 ft. monopole to determine its capacity to support the existing and proposed equipment listed in this report.

Existing & Proposed Equipment:

Carrier	Mounting Level (ft)	Center Line Elevation (ft)	Number of Appurtenances	Antenna Manufacturer	Appurtenance Model	Feed Lines (in)
-	153.0	153.0	1	-	2' MW Dish	(2) 5/8
Reserved	150.0	150.0	12	CCI	HPA-65R-BUU-H8	(3) 1/2 (2) 7/8
		150.0	9	Ericsson	RRUS 11	
		150.0	6	Ericsson	RRUS 12	
		150.0	6	Ericsson	A2 Module	
		150.0	3	Ericsson	RRUS E2	
		150.0	3	Ericsson	RRUS 32	
		150.0	4	Raycap	DC6-48-60-18-8F	
		150.0	3	-	Sector Mounts	
Verizon Wireless	132.0	135.0	3	Andrew	SBNHH-1D65B	(6) 1-5/8 (2) 6x12 HCS
		135.0	6	Andrew	JAHH-65B-R3B	
		135.0	3	Samsung	MT6407-77A	
		135.0	3	Samsung	B2/B66A RRH-BR049 (RFV01U-D1A)	
		135.0	3	Samsung	B5/B13 RRH-BR04C (RFV01U-D2A)	
		135.0	3	Commscope	CBC78T-DS-43-2X	
		135.0	2	-	6 OVP Box	
		135.0	6	Kaelus	KA-6030	
		135.0	3	Site Pro 1	RRUDSM	
		132.0	1	-	12.5' Platform Mount	
-	70.5	78.0	1	-	15' Omni Antenna	(1) 7/8
		70.5	1	-	Side Mount Standoff	
-	70.5	75.0	1	-	10' Dipole Antenna	(1) 7/8
		70.5	1	-	Side Mount Standoff	

Note: Proposed equipment shown in **bold**.

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Design Criteria:**Design Codes:**

2022 Connecticut State Building Code

2021 International Building Code

ASCE 7-16

TIA-222-H Standards

Basic Design Wind Speed (V)	126 mph
Wind Speed with Ice	50 mph
Ice Thickness	1.00 in.
Exposure Category	B
Topographic Category	1
Risk Category	III
Site Soil Class (Assumed)	D – Stiff Soil
Seismic Design Category	B
Spectral Response Acceleration Parameter at a Short Periods, S_s	0.222 g
Spectral Response Acceleration Parameter at a Period of 1 Second, S_1	0.056 g
Short Period Site Coefficient, F_a	1.60
Long Period Site Coefficient, F_v	2.40

***Refer to calculations for additional design criteria.**

Conclusion:

Tower Section Capacity (Summary)

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
L1	149 - 130.5	Pole	TP25.04x19.75x0.1875	1	-9.22	865.24	46.9	Pass
L2	130.5 - 106.42	Pole	TP31.93x25.04x0.25	2	-11.44	1409.75	54.6	Pass
L3	106.42 - 79.58	Pole	TP39.11x30.1195x0.375	3	-16.69	2589.12	42.6	Pass
L4	79.58 - 46.08	Pole	TP47.94x36.8091x0.4375	4	-26.18	3709.69	40.7	Pass
L5	46.08 - 0	Pole	TP60.25x45.2289x0.5	5	-46.71	5547.16	37.9	Pass
							Summary	
						Pole (L2)	54.6	Pass
						RATING =	54.6	Pass

Structure Rating (Max From All Components) =	54.6%
---	--------------

Foundation Capacity (Summary)

Component	% Capacity	Pass Fail
Base Plate	18.5	Pass
Anchor Rods	35.5	Pass
Foundation Rating	55.9	Pass

Foundation Rating (Max From All Components) =	55.9%
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Recommendations:

The existing tower and its foundation have sufficient capacity to support the existing and proposed loading for the final loading configuration.



Reference Documents:

- Structural Analysis Report by Hudson Design Group, LLC, dated July 21, 2021
- Verizon RFDS, Site: REDDING NE CT – Fire Station, dated October 8, 2021
- Antenna Mount Analysis Report by Colliers Engineering & Design Ct. P.C., dated July 17, 2023
- Lease Exhibit by Centerline, dated September 6, 2023

Assumptions and Limitations:

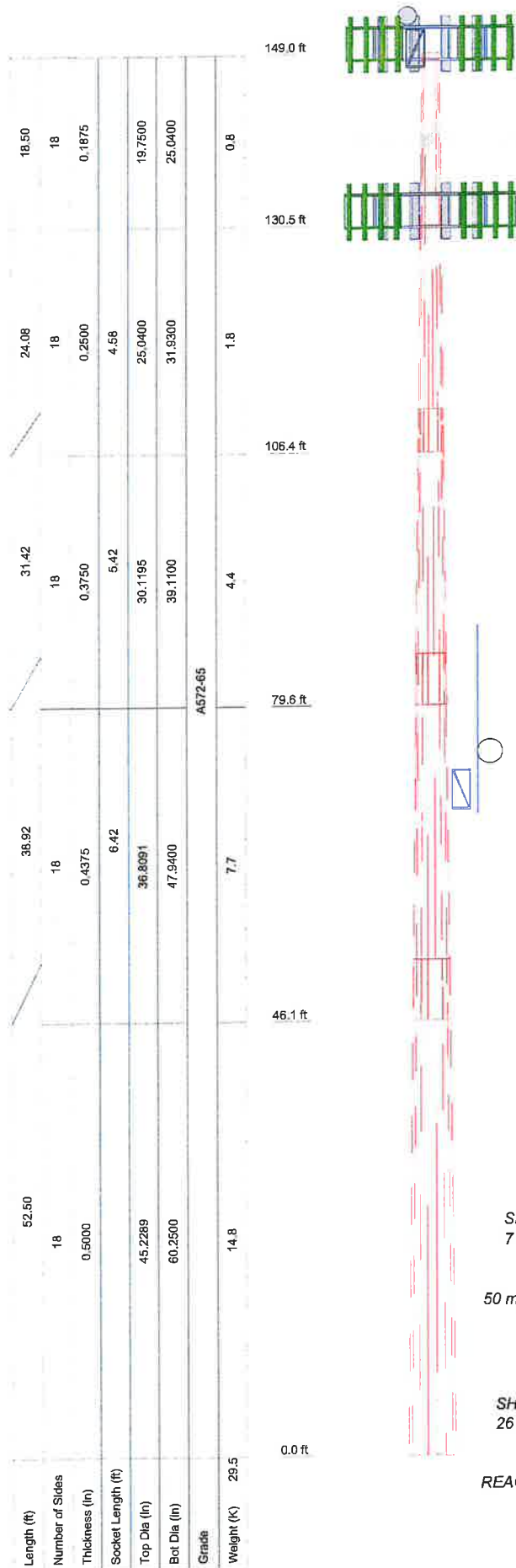
- The tower and structures were built and maintained with the manufacturer's specifications.
- The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in this report and the referenced drawings.
- Existing appurtenance information obtained from the Structural Analysis Report by Hudson Design Group, LLC, dated July 21, 2021 and the Lease Exhibit by Centerline, dated September 6, 2023.

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Design Calculations

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DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Andrew 2' MW Dish w/ Radome	153	(2) JAHH-65B-R3B w/ Mount Pipe	132
(4) HPA-65R-BUU-H8 w/ Mount Pipe	150	(2) JAHH-65B-R3B w/ Mount Pipe	132
(4) HPA-65R-BUU-H8 w/ Mount Pipe	150	MT6407-77A w/ Pipe Mount	132
(4) HPA-65R-BUU-H8 w/ Mount Pipe	150	MT6407-77A w/ Pipe Mount	132
(3) RRUS 11	150	MT6407-77A w/ Pipe Mount	132
(3) RRUS 11	150	B2/B66A RRH-BR049 (RFV01U-D1A)	132
(3) RRUS 11	150	B2/B66A RRH-BR049 (RFV01U-D1A)	132
(2) RRUS 12	150	B2/B66A RRH-BR049 (RFV01U-D1A)	132
(2) RRUS 12	150	B5/B13 RRH-BR04C (RFV01U-D2A)	132
(2) RRUS 12	150	B5/B13 RRH-BR04C (RFV01U-D2A)	132
(2) RRUS A2 MODULE	150	B5/B13 RRH-BR04C (RFV01U-D2A)	132
(2) RRUS A2 MODULE	150	CBC78T-DS-43-2X	132
(2) RRUS A2 MODULE	150	CBC78T-DS-43-2X	132
RRUS E2	150	CBC78T-DS-43-2X	132
RRUS E2	150	6 OVP Box	132
RRUS E2	150	(2) KA-6030	132
RRUS 32	150	(2) KA-6030	132
RRUS 32	150	(2) KA-6030	132
RRUS 32	150	RRUDSM	132
(2) DC6-48-60-18-8F	150	RRUDSM	132
DC6-48-60-18-8F	150	RRUDSM	132
DC6-48-60-18-8F	150	Platform Mount	132
(3) Sector Frame Mounts	150	SBNHH-1D65B w/ Mount Pipe	132
2' Side Mount Standoff	149.5	PIROD 4' Side Mount Standoff	70.5
SBNHH-1D65B w/ Mount Pipe	132	10' Dipole	70.5
SBNHH-1D65B w/ Mount Pipe	132	PIROD 4' Side Mount Standoff	70.5
(2) JAHH-65B-R3B w/ Mount Pipe	132	15' Omni Antenna	70.5

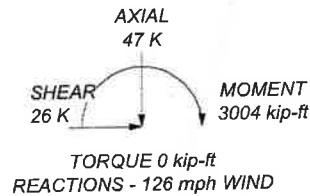
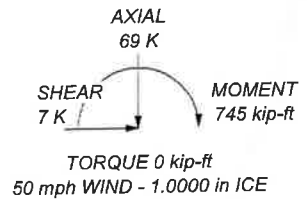
MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 126 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category III.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 54.6%

ALL REACTIONS
ARE FACTORED



Centerline Engineering Services, PA

750 W Center St, Suite 301
West Bridgewater, MA 02379
Phone: (781) 713-4725
FAX:

Job: Redding NE CT

Project: 23CLVZ-0003

Client: Verizon Wireless

Code: TIA-222-H

Path:

Drawn by: jll

Date: 09/14/23

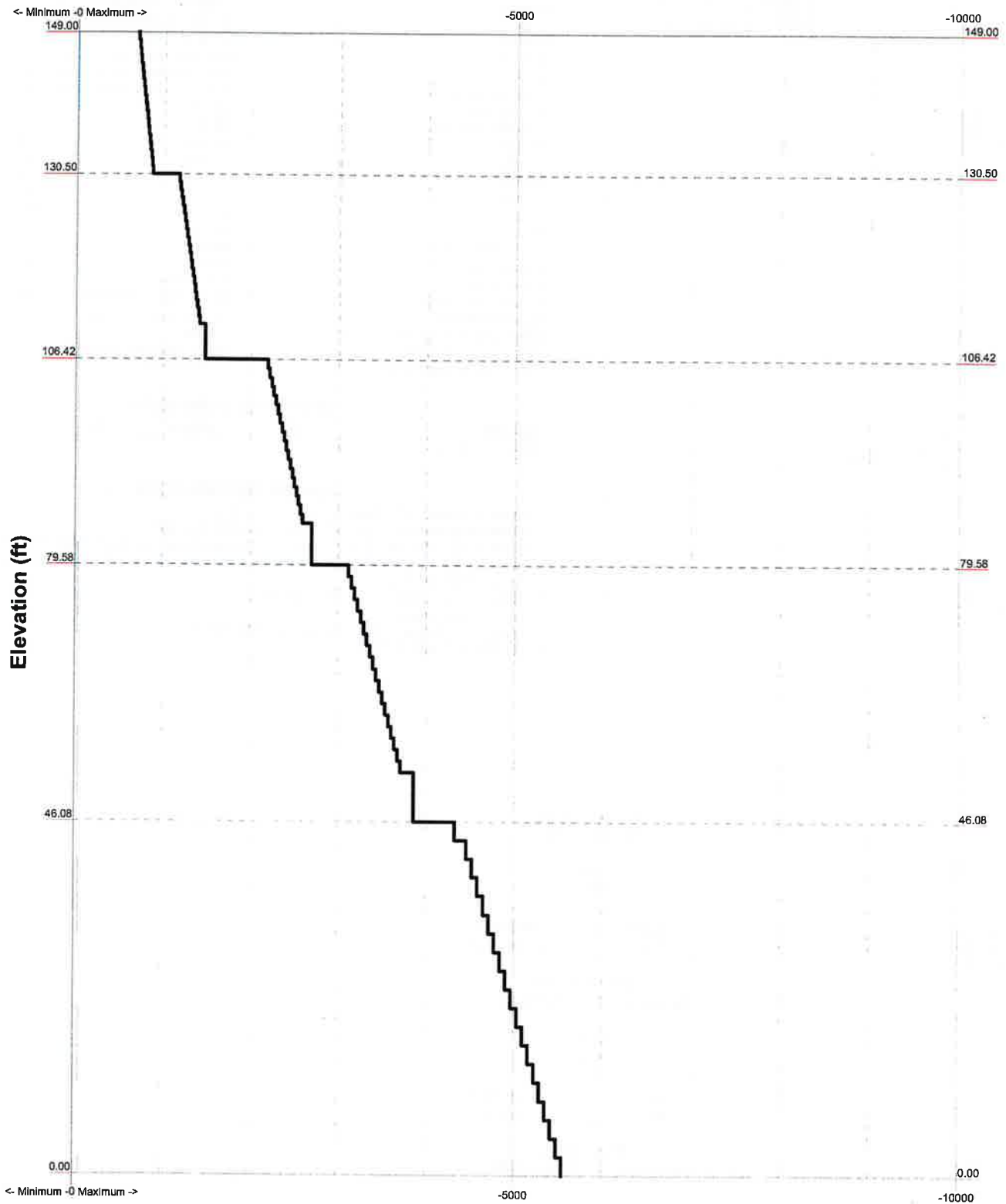
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Dwg N

TIA-222-H - 126 mph/50 mph 1.0000 in Ice Exposure B

Leg Capacity —

Leg Compression (K)



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App'd:

Code: TIA-222-H

Date: 09/14/23

Scale:

Path:

Dwg N

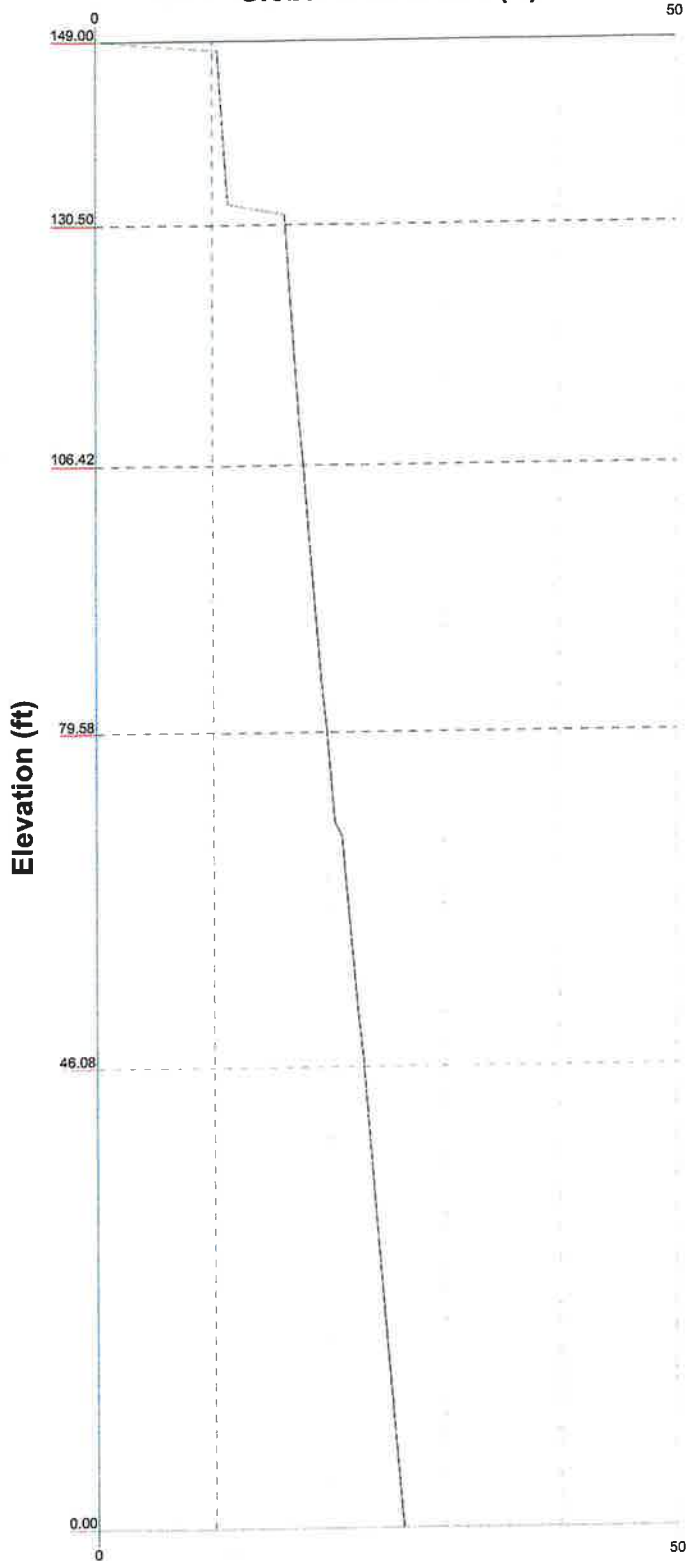
Vx

Vz

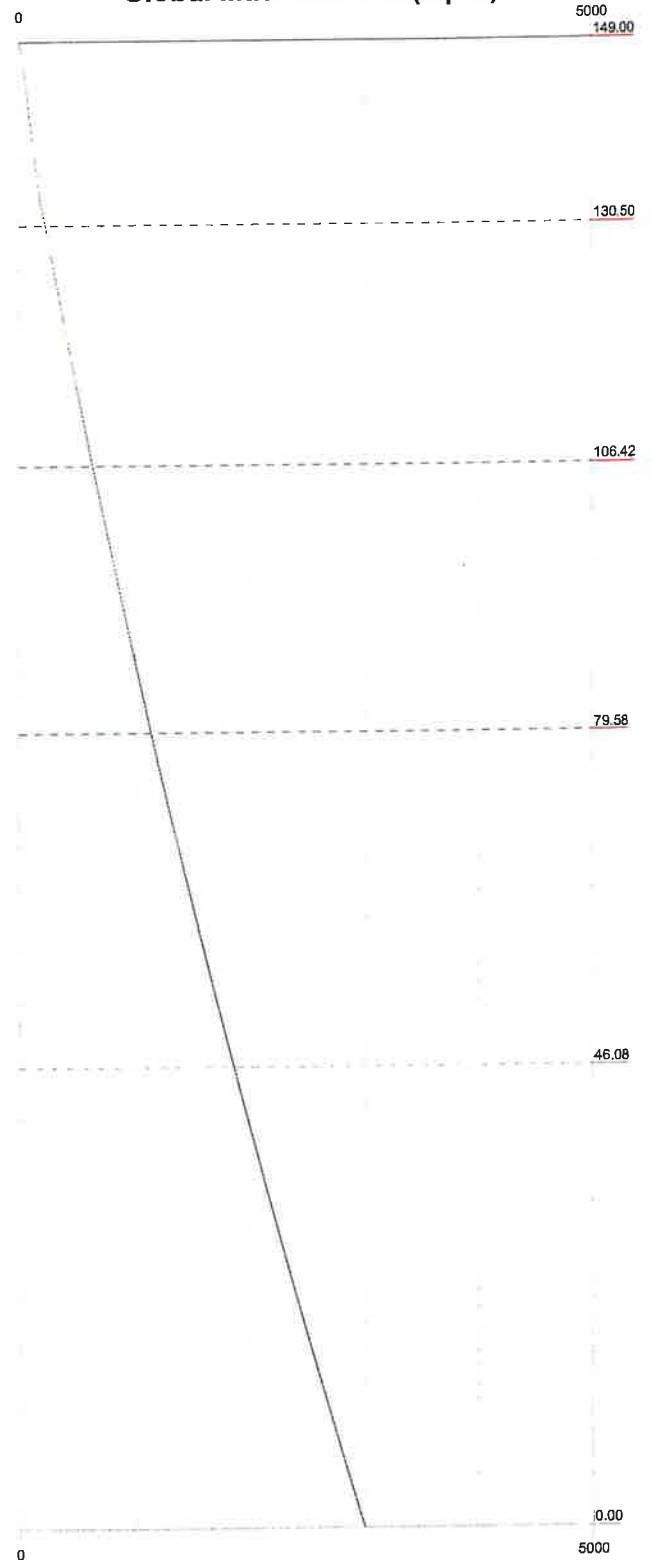
Mx

Mz

Global Mast Shear (K)



Global Mast Moment (kip-ft)



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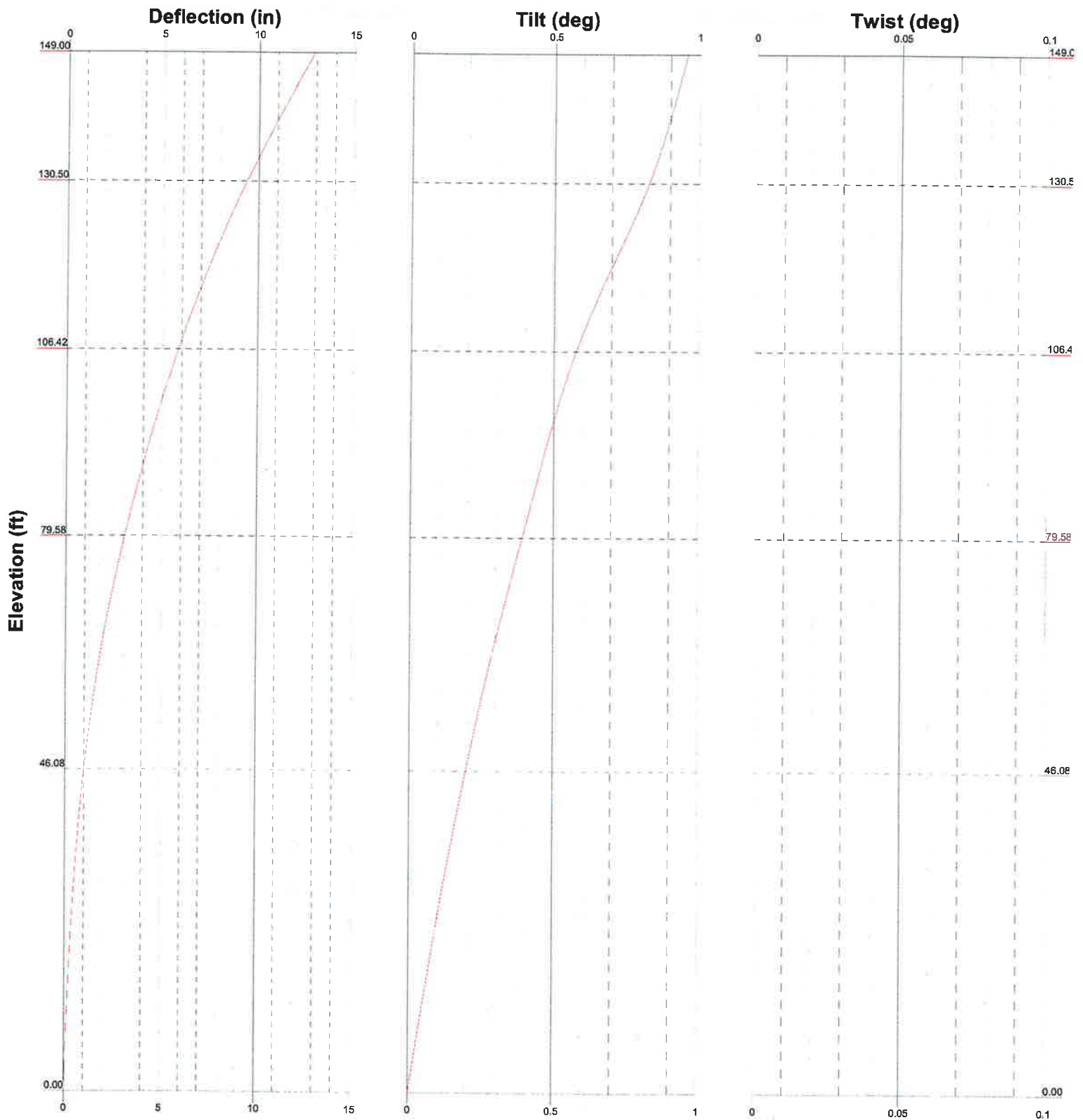
Code: TIA-222-H

Date: 09/14/23

Scale:

Path:

Dwg N



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Job: **Redding NE CT**

Project: **23CLVZ-0003**

Client: **Verizon Wireless**

Code: **TIA-222-H**

Path:

Drawn by: **jll**

Date: **09/14/23**

App'd:

Scale:

Dwg N:

0' - 149'

Round

Flat

App In Face

App Out Face

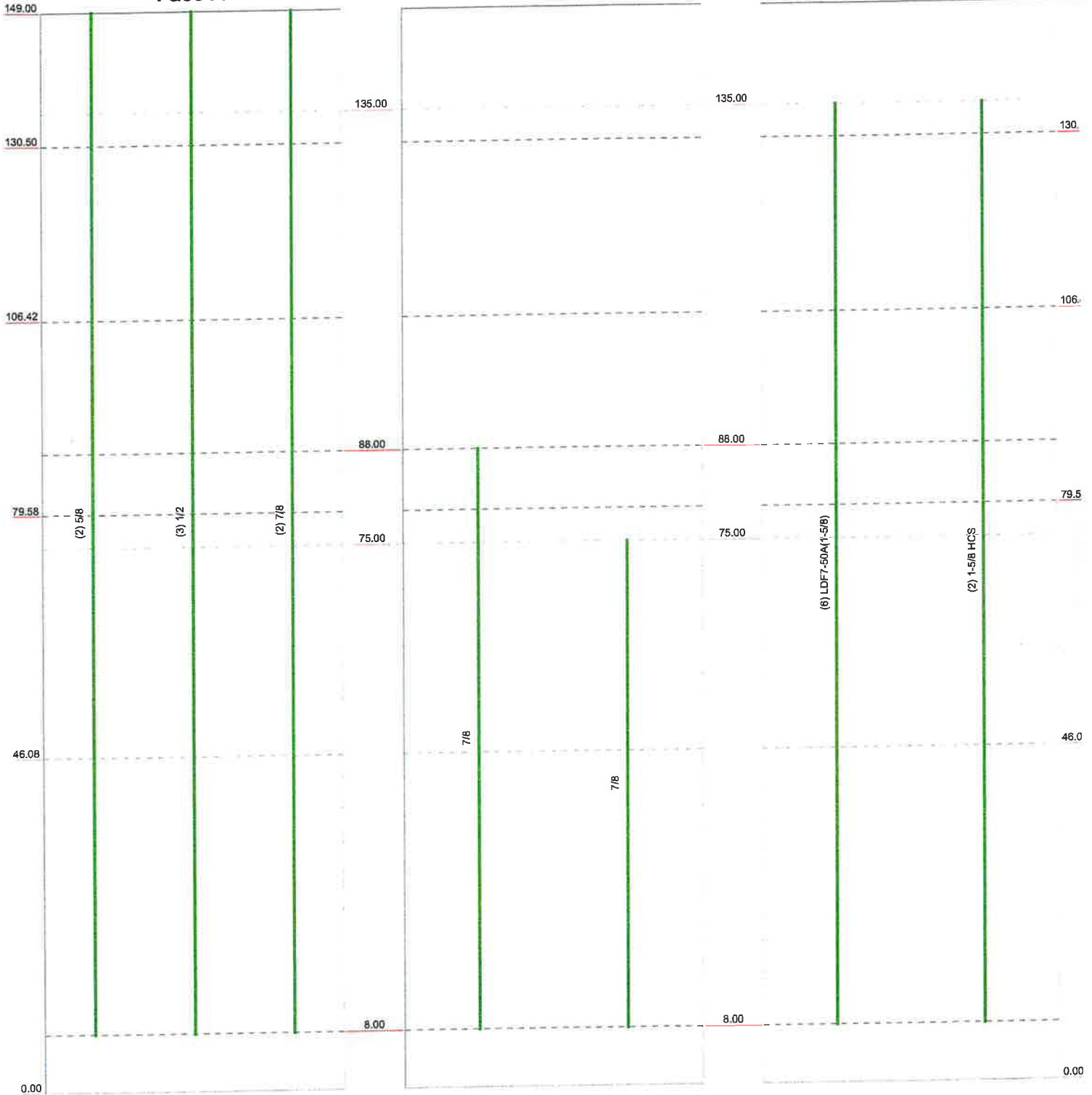
Truss Leg

Face A

Face B

Face C

Elevation (ft)



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 FAX:

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Project: **23CLVZ-0003**

Client: **Verizon Wireless**

Code: **TIA-222-H**

Path:

Drawn by: **jll**

Date: **09/14/23**

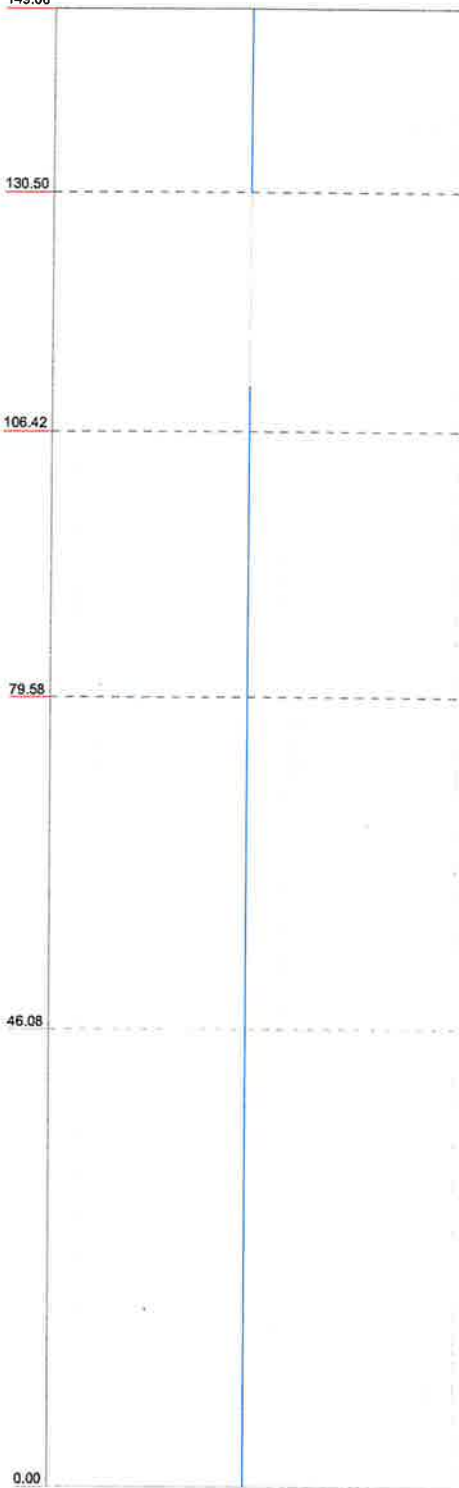
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Dwg N

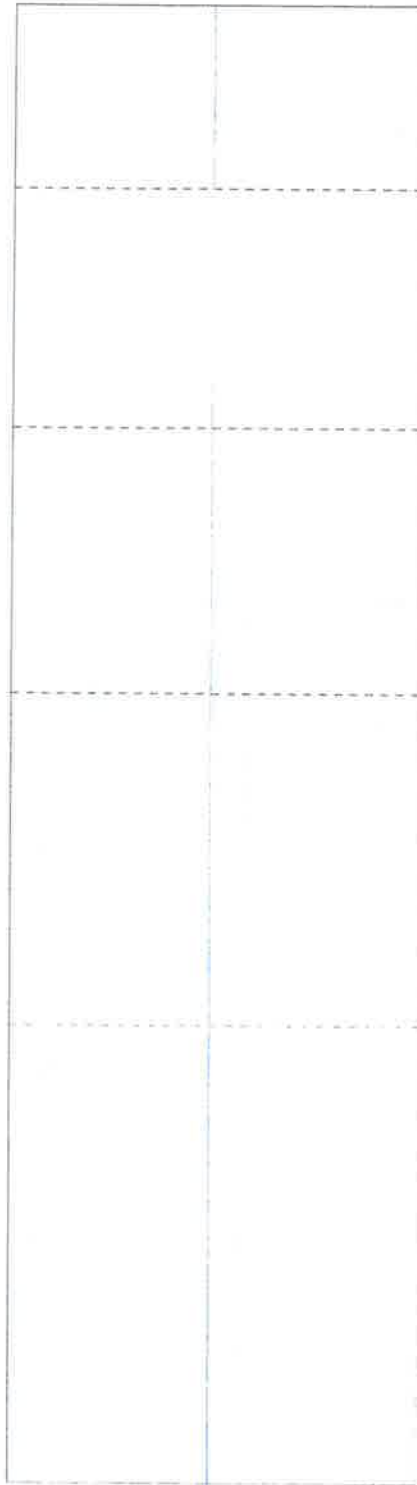
0' - 149'

> 100% 90%-100% 75%-90% 50%-75% < 50% Overstress

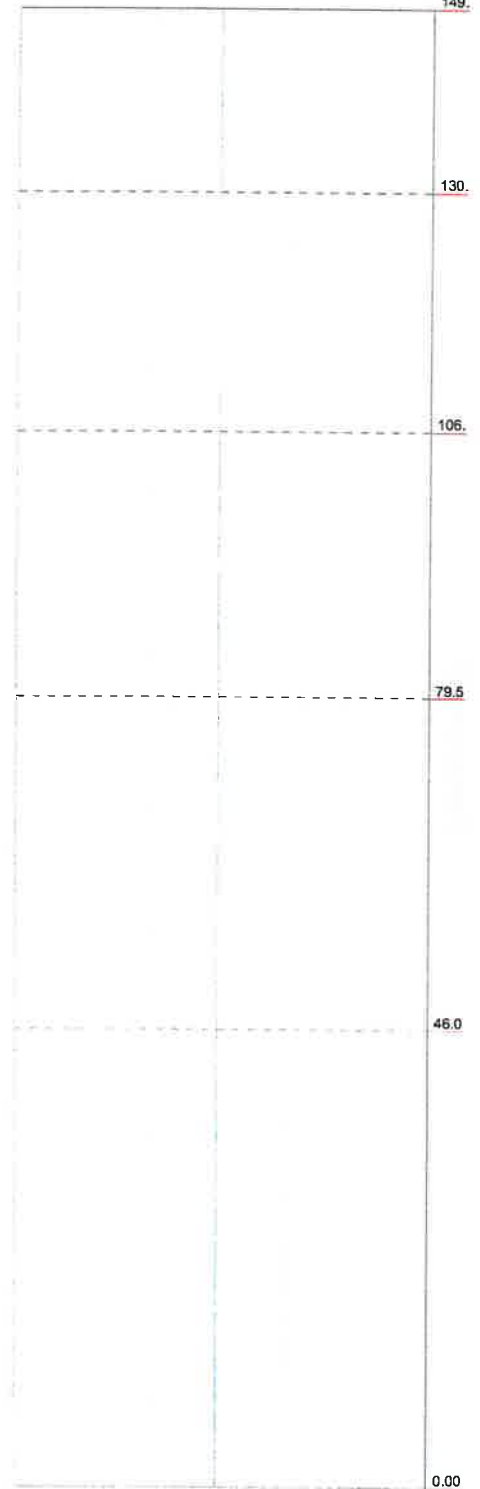
Face A



Face B



Face C



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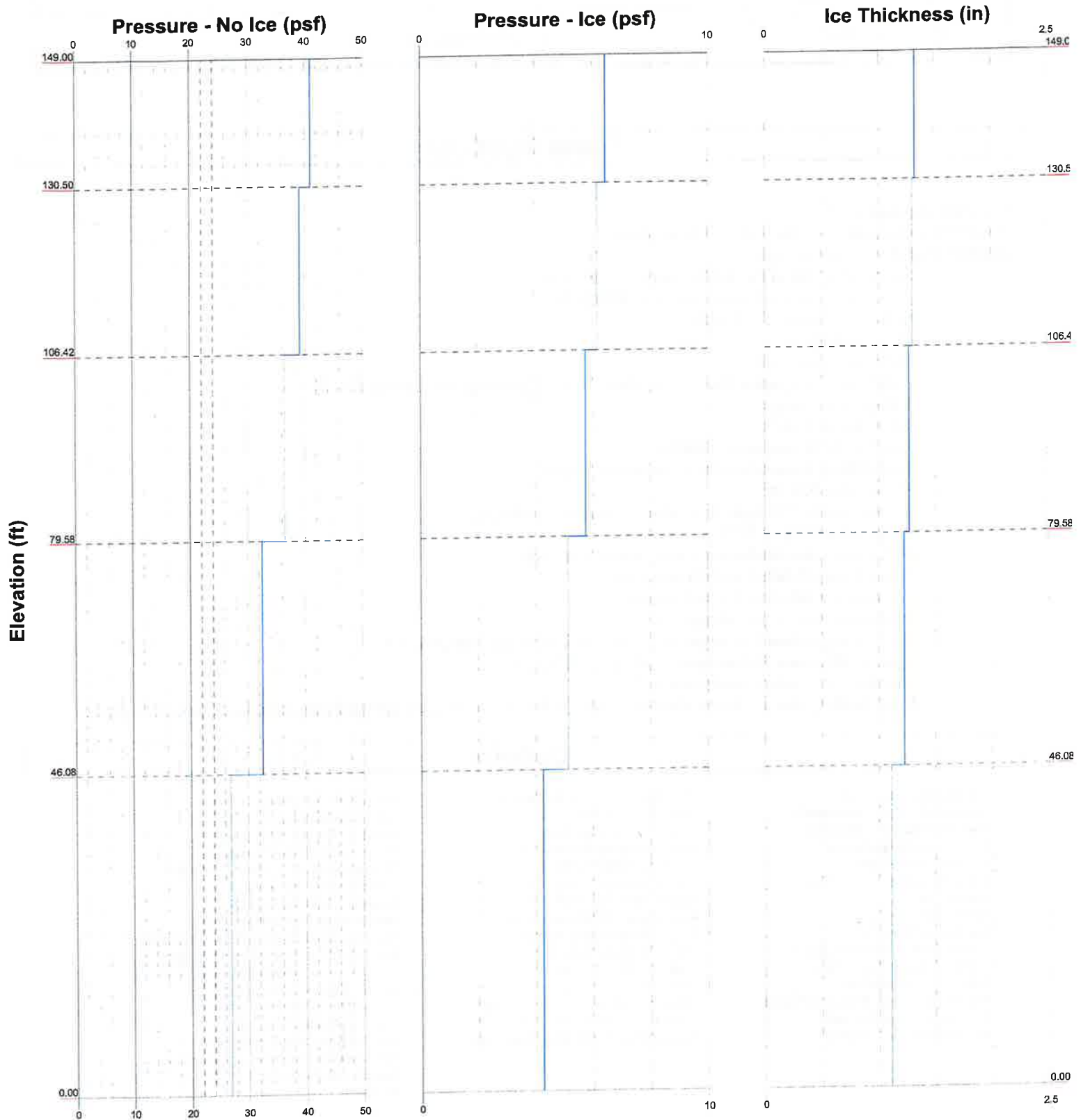
Date: 09/14/23

Scale:

Path:

Dwg N:

Wind Pressures and Ice Thickness
TIA-222-H - 126 mph/50 mph 1.0000 in Ice Exposure B



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 FAX:

Job: Redding NE CT		
Project: 23CLVZ-0003		
Client: Verizon Wireless	Drawn by: jll	App'd:
Code: TIA-222-H	Date: 09/14/23	Scale:
Path:		Dwg N

tnxTower Centerline Engineering Services, PA 750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	Job	Redding NE CT	Page	1 of 15
	Project	23CLVZ-0003	Date	08:55:21 09/14/23
	Client	Verizon Wireless	Designed by	jll

Tower Input Data

The tower is a monopole.

This tower is designed using the TIA-222-H standard.

The following design criteria apply:

- Tower is located in Fairfield County, Connecticut.
- Tower base elevation above sea level: 635.26 ft.
- Basic wind speed of 126 mph.
- Risk Category III.
- Exposure Category B.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 1.0000 in.
- Ice thickness is considered to increase with height.
- Ice density of 56 pcf.
- A wind speed of 50 mph is used in combination with ice.
- Temperature drop of 50 °F.
- Deflections calculated using a wind speed of 60 mph.
- A non-linear (P-delta) analysis was used.
- Pressures are calculated at each section.
- Stress ratio used in pole design is 1.
- Tower analysis based on target reliabilities in accordance with Annex S.
- Load Modification Factors used: $K_{es}(F_w) = 1.0$, $K_{es}(t_i) = 1.0$.
- Maximum demand-capacity ratio is: 1.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> Consider Moments - Legs Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification √ Use Code Stress Ratios √ Use Code Safety Factors - Guys Escalate Ice Always Use Max Kz Use Special Wind Profile Include Bolts In Member Capacity Leg Bolts Are At Top Of Section Secondary Horizontal Braces Leg Use Diamond Inner Bracing (4 Sided) SR Members Have Cut Ends SR Members Are Concentric | <ul style="list-style-type: none"> Distribute Leg Loads As Uniform Assume Legs Pinned √ Assume Rigid Index Plate √ Use Clear Spans For Wind Area Use Clear Spans For KL/r Retension Guys To Initial Tension √ Bypass Mast Stability Checks √ Use Azimuth Dish Coefficients √ Project Wind Area of Appurt. Autocalc Torque Arm Areas Add IBC .6D+W Combination √ Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs | <ul style="list-style-type: none"> Use ASCE 10 X-Brace Ly Rules Calculate Redundant Bracing Forces Ignore Redundant Members in FEA SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation √ Consider Feed Line Torque Include Angle Block Shear Check Use TIA-222-H Bracing Resist. Exemption Use TIA-222-H Tension Splice Exemption Poles √ Include Shear-Torsion Interaction Always Use Sub-Critical Flow Use Top Mounted Sockets √ Pole Without Linear Attachments Pole With Shroud Or No Appurtenances Outside and Inside Corner Radii Are Known |
|--|---|---|

Tapered Pole Section Geometry

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Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	149.00-130.50	18.50	0.00	18	19.7500	25.0400	0.1875	0.7500	A572-65 (65 ksi)
L2	130.50-106.42	24.08	4.58	18	25.0400	31.9300	0.2500	1.0000	A572-65 (65 ksi)
L3	106.42-79.58	31.42	5.42	18	30.1195	39.1100	0.3750	1.5000	A572-65 (65 ksi)
L4	79.58-46.08	38.92	6.42	18	36.8091	47.9400	0.4375	1.7500	A572-65 (65 ksi)
L5	46.08-0.00	52.50		18	45.2289	60.2500	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	It/Q in ²	w in	w/t
L1	20.0258	11.6421	562.8837	6.9447	10.0330	56.1032	1126.5082	5.8222	3.1460	16.779
	25.3974	14.7903	1154.1331	8.8226	12.7203	90.7315	2309.7848	7.3966	4.0770	21.744
L2	25.3877	19.6709	1527.2635	8.8004	12.7203	120.0649	3056.5365	9.8373	3.9670	15.868
	32.3840	25.1381	3187.4245	11.2464	16.2204	196.5067	6379.0430	12.5714	5.1797	20.719
L3	31.8571	35.4034	3957.2806	10.5593	15.3007	258.6336	7919.7682	17.7051	4.6410	12.376
	39.6555	46.1043	8739.4947	13.7509	19.8679	439.8806	17490.4890	23.0565	6.2234	16.596
L4	38.8835	50.5066	8441.3263	12.9119	18.6990	451.4311	16893.7599	25.2581	5.7084	13.048
	48.6121	65.9632	18804.9347	16.8634	24.3535	772.1650	37634.6134	32.9878	7.6674	17.526
L5	47.7147	70.9848	17942.3631	15.8788	22.9763	780.9077	35908.3353	35.4991	7.0803	14.161
	61.1023	94.8233	42768.9025	21.2113	30.6070	1397.3569	85594.0814	47.4206	9.7240	19.448

Tower Elevation ft	Gusset Area (per face) ft ²	Gusset Thickness in	Gusset Grade	Adjust. Factor A _f	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontal in	Double Angle Stitch Bolt Spacing Redundants in
L1 149.00-130.50				1	1	1			
L2 130.50-106.42				1	1	1			
L3 106.42-79.58				1	1	1			
L4 79.58-46.08				1	1	1			
L5 46.08-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C _A A _A ft ² /ft	Weight plf
5/8	A	No	No	Inside Pole	149.00 - 8.00	2	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.15
***** 1/2	A	No	No	Inside Pole	149.00 - 8.00	3	No Ice 1/2" Ice	0.00 0.15 0.15

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Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _{AA} ft ² /ft	Weight plf
7/8	A	No	No	Inside Pole	149.00 - 8.00	2	1" Ice	0.00	0.15
							No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
							1" Ice	0.00	0.33

7/8	B	No	No	Inside Pole	88.00 - 8.00	1	No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
							1" Ice	0.00	0.33
7/8	B	No	No	Inside Pole	75.00 - 8.00	1	No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
							1" Ice	0.00	0.33

LDF7-50A(1-5/8)	C	No	No	Inside Pole	135.00 - 8.00	6	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
1-5/8 HCS	C	No	No	Inside Pole	135.00 - 8.00	2	No Ice	0.00	2.30
							1/2" Ice	0.00	2.30
							1" Ice	0.00	2.30

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
L1	149.00-130.50	A	0.000	0.000	0.000	0.000	0.03
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.04
L2	130.50-106.42	A	0.000	0.000	0.000	0.000	0.03
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.23
L3	106.42-79.58	A	0.000	0.000	0.000	0.000	0.04
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.26
L4	79.58-46.08	A	0.000	0.000	0.000	0.000	0.05
		B	0.000	0.000	0.000	0.000	0.02
		C	0.000	0.000	0.000	0.000	0.32
L5	46.08-0.00	A	0.000	0.000	0.000	0.000	0.05
		B	0.000	0.000	0.000	0.000	0.03
		C	0.000	0.000	0.000	0.000	0.36

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _{AA} In Face ft ²	C _{AA} Out Face ft ²	Weight K
L1	149.00-130.50	A	1.328	0.000	0.000	0.000	0.000	0.03
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.04
L2	130.50-106.42	A	1.306	0.000	0.000	0.000	0.000	0.03
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.23

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Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L3	106.42-79.58	A	1.275	0.000	0.000	0.000	0.000	0.04
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.26
L4	79.58-46.08	A	1.226	0.000	0.000	0.000	0.000	0.05
		B		0.000	0.000	0.000	0.000	0.02
		C		0.000	0.000	0.000	0.000	0.32
L5	46.08-0.00	A	1.106	0.000	0.000	0.000	0.000	0.05
		B		0.000	0.000	0.000	0.000	0.03
		C		0.000	0.000	0.000	0.000	0.36

Feed Line Center of Pressure

Section	Elevation ft	CP _X in	CP _Z in	CP _X Ice in	CP _Z Ice in
L1	149.00-130.50	0.0000	0.0000	0.0000	0.0000
L2	130.50-106.42	0.0000	0.0000	0.0000	0.0000
L3	106.42-79.58	0.0000	0.0000	0.0000	0.0000
L4	79.58-46.08	0.0000	0.0000	0.0000	0.0000
L5	46.08-0.00	0.0000	0.0000	0.0000	0.0000

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K	
2' Side Mount Standoff	A	From Face	1.00	0.0000	149.50	No Ice	1.00	1.00	0.03
			0.00			1/2" Ice	1.50	1.50	0.05
			0.00			1" Ice	2.00	2.00	0.07

(4) HPA-65R-BUU-H8 w/ Mount Pipe	A	From Face	3.00	0.0000	150.00	No Ice	13.21	9.58	0.10
			0.00			1/2" Ice	13.90	11.05	0.20
			0.00			1" Ice	14.59	12.50	0.30
(4) HPA-65R-BUU-H8 w/ Mount Pipe	B	From Face	3.00	0.0000	150.00	No Ice	13.21	9.58	0.10
			0.00			1/2" Ice	13.90	11.05	0.20
			0.00			1" Ice	14.59	12.50	0.30
(4) HPA-65R-BUU-H8 w/ Mount Pipe	C	From Face	3.00	0.0000	150.00	No Ice	13.21	9.58	0.10
			0.00			1/2" Ice	13.90	11.05	0.20
			0.00			1" Ice	14.59	12.50	0.30
(3) RRUS 11	A	From Face	3.00	0.0000	150.00	No Ice	2.78	1.19	0.05
			0.00			1/2" Ice	2.99	1.33	0.07
			0.00			1" Ice	3.21	1.49	0.09
(3) RRUS 11	B	From Face	3.00	0.0000	150.00	No Ice	2.78	1.19	0.05
			0.00			1/2" Ice	2.99	1.33	0.07
			0.00			1" Ice	3.21	1.49	0.09

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
(3) RRUS 11	C	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	2.78 2.99 3.21	1.19 1.33 1.49	0.05 0.07 0.09
(2) RRUS 12	A	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	3.15 3.36 3.59	1.29 1.44 1.60	0.06 0.08 0.11
(2) RRUS 12	B	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	3.15 3.36 3.59	1.29 1.44 1.60	0.06 0.08 0.11
(2) RRUS 12	C	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	3.15 3.36 3.59	1.29 1.44 1.60	0.06 0.08 0.11
(2) RRUS A2 MODULE	A	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	1.60 1.76 1.92	0.38 0.47 0.57	0.02 0.03 0.04
(2) RRUS A2 MODULE	B	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	1.60 1.76 1.92	0.38 0.47 0.57	0.02 0.03 0.04
(2) RRUS A2 MODULE	C	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	1.60 1.76 1.92	0.38 0.47 0.57	0.02 0.03 0.04
RRUS E2	A	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	3.15 3.36 3.59	1.29 1.44 1.60	0.06 0.08 0.11
RRUS E2	B	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	3.15 3.36 3.59	1.29 1.44 1.60	0.06 0.08 0.11
RRUS E2	C	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	3.15 3.36 3.59	1.29 1.44 1.60	0.06 0.08 0.11
RRUS 32	A	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	2.86 3.08 3.32	1.78 1.97 2.17	0.06 0.08 0.10
RRUS 32	B	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	2.86 3.08 3.32	1.78 1.97 2.17	0.06 0.08 0.10
RRUS 32	C	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	2.86 3.08 3.32	1.78 1.97 2.17	0.06 0.08 0.10
(2) DC6-48-60-18-8F	A	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	0.79 1.27 1.45	0.79 1.27 1.45	0.02 0.04 0.05
DC6-48-60-18-8F	B	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	0.79 1.27 1.45	0.79 1.27 1.45	0.02 0.04 0.05
DC6-48-60-18-8F	C	From Face	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	0.79 1.27 1.45	0.79 1.27 1.45	0.02 0.04 0.05
(3) Sector Frame Mounts	C	None	0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	33.02 47.36 61.70	33.02 47.36 61.70	1.67 2.22 2.77

SBNHH-1D65B w/ Mount Pipe	A	From Face	3.00 0.00	0.0000	132.00	No Ice 1/2" Ice	8.39 8.95	7.08 8.28	0.08 0.15
SBNHH-1D65B w/ Mount Pipe	B	From Face	3.00 0.00	0.0000	132.00	No Ice 1/2" Ice	8.39 8.95	7.08 8.28	0.08 0.15

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft	C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
SBNHH-1D65B w/ Mount Pipe	C	From Face	3.00 3.00 0.00 3.00	0.0000	132.00	1" Ice 9.48 No Ice 8.39 1/2" Ice 8.95 1" Ice 9.48	9.19 7.08 8.28 9.19	0.22 0.08 0.15 0.22
(2) JAHH-65B-R3B w/ Mount Pipe	A	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 9.35 1/2" Ice 9.92 1" Ice 10.46	7.65 8.83 9.73	0.09 0.16 0.25
(2) JAHH-65B-R3B w/ Mount Pipe	B	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 9.35 1/2" Ice 9.92 1" Ice 10.46	7.65 8.83 9.73	0.09 0.16 0.25
(2) JAHH-65B-R3B w/ Mount Pipe	C	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 9.35 1/2" Ice 9.92 1" Ice 10.46	7.65 8.83 9.73	0.09 0.16 0.25
MT6407-77A w/ Pipe Mount	A	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 4.71 1/2" Ice 5.01 1" Ice 5.31	2.43 2.84 3.26	0.10 0.14 0.18
MT6407-77A w/ Pipe Mount	B	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 4.71 1/2" Ice 5.01 1" Ice 5.31	2.43 2.84 3.26	0.10 0.14 0.18
MT6407-77A w/ Pipe Mount	C	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 4.71 1/2" Ice 5.01 1" Ice 5.31	2.43 2.84 3.26	0.10 0.14 0.18
B2/B66A RRH-BR049 (RFV01U-D1A)	A	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 1.88 1/2" Ice 2.05 1" Ice 2.22	1.25 1.39 1.54	0.08 0.10 0.12
B2/B66A RRH-BR049 (RFV01U-D1A)	B	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 1.88 1/2" Ice 2.05 1" Ice 2.22	1.25 1.39 1.54	0.08 0.10 0.12
B2/B66A RRH-BR049 (RFV01U-D1A)	C	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 1.88 1/2" Ice 2.05 1" Ice 2.22	1.25 1.39 1.54	0.08 0.10 0.12
B5/B13 RRH-BR04C (RFV01U-D2A)	A	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 1.88 1/2" Ice 2.05 1" Ice 2.22	1.01 1.14 1.28	0.07 0.09 0.11
B5/B13 RRH-BR04C (RFV01U-D2A)	B	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 1.88 1/2" Ice 2.05 1" Ice 2.22	1.01 1.14 1.28	0.07 0.09 0.11
B5/B13 RRH-BR04C (RFV01U-D2A)	C	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 1.88 1/2" Ice 2.05 1" Ice 2.22	1.01 1.14 1.28	0.07 0.09 0.11
CBC78T-DS-43-2X	A	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 0.37 1/2" Ice 0.45 1" Ice 0.53	0.51 0.60 0.70	0.02 0.03 0.04
CBC78T-DS-43-2X	B	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 0.37 1/2" Ice 0.45 1" Ice 0.53	0.51 0.60 0.70	0.02 0.03 0.04
CBC78T-DS-43-2X	C	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 0.37 1/2" Ice 0.45 1" Ice 0.53	0.51 0.60 0.70	0.02 0.03 0.04
6 OVP Box	A	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 3.79 1/2" Ice 4.04 1" Ice 4.30	2.51 2.73 2.95	0.03 0.06 0.10
(2) KA-6030	A	From Face	3.00 0.00 3.00	0.0000	132.00	No Ice 0.77 1/2" Ice 0.88 1" Ice 1.00	0.28 0.35 0.43	0.03 0.03 0.04
(2) KA-6030	B	From Face	3.00 0.00	0.0000	132.00	No Ice 0.77 1/2" Ice 0.88	0.28 0.35	0.03 0.03

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
(2) KA-6030	C	From Face	3.00	0.0000	132.00	1" Ice	1.00	0.43	0.04
			3.00			No Ice	0.77	0.28	0.03
			0.00			1/2" Ice	0.88	0.35	0.03
RRUDSM	A	From Face	3.00	0.0000	132.00	1" Ice	1.00	0.43	0.04
			3.00			No Ice	1.13	1.13	0.04
			0.00			1/2" Ice	1.69	1.69	0.09
RRUDSM	B	From Face	3.00	0.0000	132.00	1" Ice	2.25	2.25	0.13
			3.00			No Ice	1.13	1.13	0.04
			0.00			1/2" Ice	1.69	1.69	0.09
RRUDSM	C	From Face	3.00	0.0000	132.00	1" Ice	2.25	2.25	0.13
			3.00			No Ice	1.13	1.13	0.04
			0.00			1/2" Ice	1.69	1.69	0.09
Platform Mount	C	None	3.00	0.0000	132.00	1" Ice	2.25	2.25	0.13
						No Ice	18.12	18.12	1.47
						1/2" Ice	23.99	23.99	1.77
						1" Ice	29.86	29.86	2.06

15' Omni Antenna	B	From Face	4.00	0.0000	70.50	No Ice	4.50	4.50	0.07
			0.00			1/2" Ice	6.03	6.03	0.10
			7.50			1" Ice	7.56	7.56	0.14
PiROD 4' Side Mount Standoff	B	From Face	2.00	0.0000	70.50	No Ice	2.72	2.72	0.05
			0.00			1/2" Ice	4.91	4.91	0.09
			0.00			1" Ice	7.10	7.10	0.13

10' Dipole	C	From Face	4.00	0.0000	70.50	No Ice	3.41	3.41	0.03
			0.00			1/2" Ice	4.97	4.97	0.05
			4.50			1" Ice	6.53	6.53	0.08
PiROD 4' Side Mount Standoff	C	From Face	2.00	0.0000	70.50	No Ice	2.72	2.72	0.05
			0.00			1/2" Ice	4.91	4.91	0.09
			0.00			1" Ice	7.10	7.10	0.13

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft	Aperture Area ft²	Weight K	
Andrew 2' MW Dish w/ Radome	A	Paraboloid w/Radome	From Face	2.00	0.0000		153.00	2.00	No Ice	3.14	0.07
				0.00					1/2" Ice	3.41	0.28
				0.00					1" Ice	3.68	0.49

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice

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Comb. No.	Description
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	149 - 130.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-22.33	2.32	1.34
			Max. Mx	20	-9.23	230.56	0.43
			Max. My	14	-9.23	-0.04	-229.89
			Max. Vy	8	16.30	-230.54	0.07

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Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L2	130.5 - 106.42	Pole	Max. Vx	14	16.24	-0.04	-229.89
			Max. Torque	16			-0.81
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-25.26	2.38	1.38
			Max. Mx	8	-11.44	-559.50	-0.39
			Max. My	14	-11.44	-0.76	-557.73
			Max. Vy	8	17.48	-559.50	-0.39
			Max. Vx	14	17.42	-0.76	-557.73
L3	106.42 - 79.58	Pole	Max. Torque	16			-0.81
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.01	2.38	1.38
			Max. Mx	8	-16.69	-1038.50	-1.02
			Max. My	14	-16.69	-1.73	-1035.24
			Max. Vy	8	19.37	-1038.50	-1.02
			Max. Vx	14	19.32	-1.73	-1035.24
			Max. Torque	16			-0.81
L4	79.58 - 46.08	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-44.09	1.06	0.99
			Max. Mx	8	-26.18	-1721.85	-1.84
			Max. My	14	-26.18	-3.52	-1716.17
			Max. Vy	8	22.43	-1721.85	-1.84
			Max. Vx	14	22.37	-3.52	-1716.17
			Max. Torque	16			-0.81
			Max Tension	1	0.00	0.00	0.00
L5	46.08 - 0	Pole	Max. Compression	26	-68.53	1.06	0.99
			Max. Mx	8	-46.71	-3002.90	-3.09
			Max. My	14	-46.71	-5.44	-2994.27
			Max. Vy	8	26.36	-3002.90	-3.09
			Max. Vx	14	26.30	-5.44	-2994.27
			Max. Torque	3			-0.48

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	37	68.53	5.79	3.34
	Max. H _x	20	46.72	26.30	0.02
	Max. H _z	2	46.72	0.02	26.24
	Max. M _x	2	2988.82	0.02	26.24
	Max. M _z	8	3002.90	-26.34	-0.02
	Max. Torsion	15	0.47	-0.04	-26.28
	Min. Vert	5	35.04	-13.13	22.71
	Min. H _x	8	46.72	-26.34	-0.02
	Min. H _z	14	46.72	-0.04	-26.28
	Min. M _x	14	-2994.27	-0.04	-26.28
	Min. M _z	20	-2996.27	26.30	0.02
	Min. Torsion	3	-0.48	0.02	26.24

Tower Mast Reaction Summary

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Load Combination	Vertical K	Shear _x K	Shear _y K	Overturning Moment, M _x kip-ft	Overturning Moment, M _y kip-ft	Torque kip-ft
Dead Only	38.93	0.00	0.00	-0.19	-0.12	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	46.72	-0.02	-26.24	-2988.82	1.88	0.48
0.9 Dead+1.0 Wind 0 deg - No Ice	35.04	-0.02	-26.24	-2968.85	1.90	0.48
1.2 Dead+1.0 Wind 30 deg - No Ice	46.72	13.13	-22.71	-2586.00	-1496.54	0.44
0.9 Dead+1.0 Wind 30 deg - No Ice	35.04	13.13	-22.71	-2568.71	-1486.53	0.44
1.2 Dead+1.0 Wind 60 deg - No Ice	46.72	22.78	-13.11	-1492.90	-2596.11	0.25
0.9 Dead+1.0 Wind 60 deg - No Ice	35.04	22.78	-13.11	-1482.89	-2578.78	0.25
1.2 Dead+1.0 Wind 90 deg - No Ice	46.72	26.34	0.02	3.09	-3002.90	-0.01
0.9 Dead+1.0 Wind 90 deg - No Ice	35.04	26.34	0.02	3.13	-2982.86	-0.00
1.2 Dead+1.0 Wind 120 deg - No Ice	46.72	22.82	13.17	1501.92	-2601.95	-0.22
0.9 Dead+1.0 Wind 120 deg - No Ice	35.04	22.82	13.17	1491.97	-2584.57	-0.22
1.2 Dead+1.0 Wind 150 deg - No Ice	46.72	13.19	22.80	2598.57	-1504.40	-0.37
0.9 Dead+1.0 Wind 150 deg - No Ice	35.04	13.19	22.80	2581.31	-1494.34	-0.37
1.2 Dead+1.0 Wind 180 deg - No Ice	46.72	0.04	26.28	2994.27	-5.44	-0.46
0.9 Dead+1.0 Wind 180 deg - No Ice	35.04	0.04	26.28	2974.38	-5.37	-0.47
1.2 Dead+1.0 Wind 210 deg - No Ice	46.72	-13.10	22.73	2588.56	1491.00	-0.44
0.9 Dead+1.0 Wind 210 deg - No Ice	35.04	-13.10	22.73	2571.38	1481.10	-0.44
1.2 Dead+1.0 Wind 240 deg - No Ice	46.72	-22.73	13.11	1492.31	2589.07	-0.26
0.9 Dead+1.0 Wind 240 deg - No Ice	35.04	-22.73	13.11	1482.43	2571.85	-0.27
1.2 Dead+1.0 Wind 270 deg - No Ice	46.72	-26.30	-0.02	-3.51	2996.27	-0.01
0.9 Dead+1.0 Wind 270 deg - No Ice	35.04	-26.30	-0.02	-3.42	2976.34	-0.01
1.2 Dead+1.0 Wind 300 deg - No Ice	46.72	-22.80	-13.16	-1500.43	2598.28	0.22
0.9 Dead+1.0 Wind 300 deg - No Ice	35.04	-22.80	-13.16	-1490.37	2580.99	0.22
1.2 Dead+1.0 Wind 330 deg - No Ice	46.72	-13.17	-22.76	-2593.57	1500.90	0.39
0.9 Dead+1.0 Wind 330 deg - No Ice	35.04	-13.17	-22.76	-2576.23	1490.93	0.39
1.2 Dead+1.0 Ice+1.0 Temp	68.53	-0.00	-0.00	-0.99	1.06	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	68.53	-0.00	-6.67	-742.49	1.47	0.22
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	68.53	3.34	-5.78	-642.71	-370.01	0.23
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	68.53	5.79	-3.33	-371.50	-642.47	0.18
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	68.53	6.69	0.00	-0.46	-743.01	0.08
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	68.53	5.79	3.35	371.16	-643.55	-0.03
1.2 Dead+1.0 Wind 150	68.53	3.35	5.79	643.11	-371.45	-0.14

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Load Combination	Vertical K	Shear _x K	Shear _y K	Overturning Moment, M _x kip-ft	Overturning Moment, M _y kip-ft	Torque kip-ft
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 180	68.53	0.01	6.68	741.55	0.16	-0.22
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 210	68.53	-3.33	5.78	641.21	371.26	-0.23
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 240	68.53	-5.78	3.33	369.38	643.42	-0.18
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 270	68.53	-6.68	-0.00	-1.63	744.04	-0.08
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 300	68.53	-5.79	-3.34	-372.87	645.16	0.03
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 330	68.53	-3.34	-5.78	-644.13	373.09	0.14
deg+1.0 Ice+1.0 Temp						
Dead+Wind 0 deg - Service	38.93	-0.00	-5.33	-605.28	0.30	0.09
Dead+Wind 30 deg - Service	38.93	2.67	-4.61	-523.72	-303.07	0.08
Dead+Wind 60 deg - Service	38.93	4.63	-2.66	-302.41	-525.70	0.04
Dead+Wind 90 deg - Service	38.93	5.35	0.00	0.47	-608.06	-0.00
Dead+Wind 120 deg - Service	38.93	4.64	2.68	303.93	-526.88	-0.04
Dead+Wind 150 deg - Service	38.93	2.68	4.63	525.96	-304.67	-0.07
Dead+Wind 180 deg - Service	38.93	0.01	5.34	606.08	-1.18	-0.09
Dead+Wind 210 deg - Service	38.93	-2.66	4.62	523.94	301.79	-0.08
Dead+Wind 240 deg - Service	38.93	-4.62	2.66	301.99	524.11	-0.05
Dead+Wind 270 deg - Service	38.93	-5.34	-0.00	-0.86	606.55	0.00
Dead+Wind 300 deg - Service	38.93	-4.63	-2.67	-303.93	525.97	0.04
Dead+Wind 330 deg - Service	38.93	-2.67	-4.62	-525.25	303.79	0.07

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.00	-38.93	0.00	0.00	38.93	0.00	0.000%
2	-0.02	-46.72	-26.24	0.02	46.72	26.24	0.000%
3	-0.02	-35.04	-26.24	0.02	35.04	26.24	0.000%
4	13.13	-46.72	-22.71	-13.13	46.72	22.71	0.000%
5	13.13	-35.04	-22.71	-13.13	35.04	22.71	0.000%
6	22.78	-46.72	-13.11	-22.78	46.72	13.11	0.000%
7	22.78	-35.04	-13.11	-22.78	35.04	13.11	0.000%
8	26.34	-46.72	0.02	-26.34	46.72	-0.02	0.000%
9	26.34	-35.04	0.02	-26.34	35.04	-0.02	0.000%
10	22.82	-46.72	13.17	-22.82	46.72	-13.17	0.000%
11	22.82	-35.04	13.17	-22.82	35.04	-13.17	0.000%
12	13.19	-46.72	22.80	-13.19	46.72	-22.80	0.000%
13	13.19	-35.04	22.80	-13.19	35.04	-22.80	0.000%
14	0.04	-46.72	26.28	-0.04	46.72	-26.28	0.000%
15	0.04	-35.04	26.28	-0.04	35.04	-26.28	0.000%
16	-13.10	-46.72	22.73	13.10	46.72	-22.73	0.000%
17	-13.10	-35.04	22.73	13.10	35.04	-22.73	0.000%
18	-22.73	-46.72	13.11	22.73	46.72	-13.11	0.000%
19	-22.73	-35.04	13.11	22.73	35.04	-13.11	0.000%
20	-26.30	-46.72	-0.02	26.30	46.72	0.02	0.000%
21	-26.30	-35.04	-0.02	26.30	35.04	0.02	0.000%
22	-22.80	-46.72	-13.16	22.80	46.72	13.16	0.000%
23	-22.80	-35.04	-13.16	22.80	35.04	13.16	0.000%
24	-13.17	-46.72	-22.76	13.17	46.72	22.76	0.000%
25	-13.17	-35.04	-22.76	13.17	35.04	22.76	0.000%
26	0.00	-68.53	0.00	0.00	68.53	0.00	0.000%
27	-0.00	-68.53	-6.67	0.00	68.53	6.67	0.000%

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Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
28	3.34	-68.53	-5.78	-3.34	68.53	5.78	0.000%
29	5.79	-68.53	-3.33	-5.79	68.53	3.33	0.000%
30	6.69	-68.53	0.00	-6.69	68.53	-0.00	0.000%
31	5.79	-68.53	3.35	-5.79	68.53	-3.35	0.000%
32	3.35	-68.53	5.79	-3.35	68.53	-5.79	0.000%
33	0.01	-68.53	6.68	-0.01	68.53	-6.68	0.000%
34	-3.33	-68.53	5.78	3.33	68.53	-5.78	0.000%
35	-5.78	-68.53	3.33	5.78	68.53	-3.33	0.000%
36	-6.68	-68.53	-0.00	6.68	68.53	0.00	0.000%
37	-5.79	-68.53	-3.34	5.79	68.53	3.34	0.000%
38	-3.34	-68.53	-5.78	3.34	68.53	5.78	0.000%
39	-0.00	-38.93	-5.33	0.00	38.93	5.33	0.000%
40	2.67	-38.93	-4.61	-2.67	38.93	4.61	0.000%
41	4.63	-38.93	-2.66	-4.63	38.93	2.66	0.000%
42	5.35	-38.93	0.00	-5.35	38.93	-0.00	0.000%
43	4.64	-38.93	2.68	-4.64	38.93	-2.68	0.000%
44	2.68	-38.93	4.63	-2.68	38.93	-4.63	0.000%
45	0.01	-38.93	5.34	-0.01	38.93	-5.34	0.000%
46	-2.66	-38.93	4.62	2.66	38.93	-4.62	0.000%
47	-4.62	-38.93	2.66	4.62	38.93	-2.66	0.000%
48	-5.34	-38.93	-0.00	5.34	38.93	0.00	0.000%
49	-4.63	-38.93	-2.67	4.63	38.93	2.67	0.000%
50	-2.67	-38.93	-4.62	2.67	38.93	4.62	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00032067
3	Yes	4	0.00000001	0.00019376
4	Yes	5	0.00000001	0.00035352
5	Yes	5	0.00000001	0.00015560
6	Yes	5	0.00000001	0.00036427
7	Yes	5	0.00000001	0.00016058
8	Yes	4	0.00000001	0.00022037
9	Yes	4	0.00000001	0.00012746
10	Yes	5	0.00000001	0.00036164
11	Yes	5	0.00000001	0.00015904
12	Yes	5	0.00000001	0.00036010
13	Yes	5	0.00000001	0.00015833
14	Yes	4	0.00000001	0.00027468
15	Yes	4	0.00000001	0.00016395
16	Yes	5	0.00000001	0.00036258
17	Yes	5	0.00000001	0.00015996
18	Yes	5	0.00000001	0.00035336
19	Yes	5	0.00000001	0.00015554
20	Yes	4	0.00000001	0.00026718
21	Yes	4	0.00000001	0.00015854
22	Yes	5	0.00000001	0.00036250
23	Yes	5	0.00000001	0.00015945
24	Yes	5	0.00000001	0.00036324
25	Yes	5	0.00000001	0.00015990
26	Yes	4	0.00000001	0.00001849
27	Yes	5	0.00000001	0.00019880
28	Yes	5	0.00000001	0.00022809

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29	Yes	5	0.00000001	0.00022885
30	Yes	5	0.00000001	0.00019690
31	Yes	5	0.00000001	0.00022729
32	Yes	5	0.00000001	0.00022721
33	Yes	5	0.00000001	0.00019706
34	Yes	5	0.00000001	0.00022957
35	Yes	5	0.00000001	0.00022936
36	Yes	5	0.00000001	0.00019982
37	Yes	5	0.00000001	0.00023287
38	Yes	5	0.00000001	0.00023264
39	Yes	4	0.00000001	0.00003002
40	Yes	4	0.00000001	0.00013360
41	Yes	4	0.00000001	0.00014652
42	Yes	4	0.00000001	0.00002833
43	Yes	4	0.00000001	0.00013988
44	Yes	4	0.00000001	0.00013795
45	Yes	4	0.00000001	0.00002996
46	Yes	4	0.00000001	0.00014594
47	Yes	4	0.00000001	0.00013371
48	Yes	4	0.00000001	0.00002844
49	Yes	4	0.00000001	0.00014220
50	Yes	4	0.00000001	0.00014400

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	149 - 130.5	12.894	49	0.9587	0.0017
L2	130.5 - 106.42	9.382	49	0.8252	0.0008
L3	111 - 79.58	6.421	43	0.6187	0.0002
L4	85 - 46.08	3.551	43	0.4249	0.0000
L5	52.5 - 0	1.285	43	0.2318	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
153.00	Andrew 2' MW Dish w/ Radome	49	12.894	0.9587	0.0017	17701
150.00	(4) HPA-65R-BUU-H8 w/ Mount Pipe	49	12.894	0.9587	0.0017	17701
149.50	2' Side Mount Standoff	49	12.894	0.9587	0.0017	17701
132.00	SBNHH-1D65B w/ Mount Pipe	49	9.647	0.8388	0.0009	5318
70.50	15' Omni Antenna	43	2.367	0.3353	0.0001	9058

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
-------------	-----------------	------------------------	-----------------	-----------	------------

tnxTower Centerline Engineering Services, PA 750 W Center St, Suite 301 West Bridgewater, MA 02379 Phone: (781) 713-4725 FAX:	Job	Redding NE CT	Page	14 of 15
	Project	23CLVZ-0003	Date	08:55:21 09/14/23
	Client	Verizon Wireless	Designed by	jll

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	149 - 130.5	63.645	10	4.7201	0.0078
L2	130.5 - 106.42	46.362	10	4.0724	0.0039
L3	111 - 79.58	31.730	10	3.0584	0.0011
L4	85 - 46.08	17.545	10	2.1008	0.0003
L5	52.5 - 0	6.348	10	1.1455	0.0003

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
153.00	Andrew 2' MW Dish w/ Radome	10	63.645	4.7201	0.0078	3667
150.00	(4) HPA-65R-BUU-H8 w/ Mount Pipe	10	63.645	4.7201	0.0078	3667
149.50	2' Side Mount Standoff	10	63.645	4.7201	0.0078	3667
132.00	SBNHH-1D65B w/ Mount Pipe	10	47.664	4.1386	0.0042	1100
70.50	15' Omni Antenna	10	11.694	1.6575	0.0003	1836

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio P _u / φP _n
L1	149 - 130.5 (1)	TP25.04x19.75x0.1875	18.50	0.00	0.0	14.7903	-9.22	865.24	0.011
L2	130.5 - 106.42 (2)	TP31.93x25.04x0.25	24.08	0.00	0.0	24.0982	-11.44	1409.75	0.008
L3	106.42 - 79.58 (3)	TP39.11x30.1195x0.375	31.42	0.00	0.0	44.2584	-16.69	2589.12	0.006
L4	79.58 - 46.08 (4)	TP47.94x36.8091x0.4375	38.92	0.00	0.0	63.4135	-26.18	3709.69	0.007
L5	46.08 - 0 (5)	TP60.25x45.2289x0.5	52.50	0.00	0.0	94.8232	-46.71	5547.16	0.008

Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio M _{ux} / φM _{ux}	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio M _{uy} / φM _{uy}
L1	149 - 130.5 (1)	TP25.04x19.75x0.1875	231.04	508.94	0.454	0.00	508.94	0.000
L2	130.5 - 106.42 (2)	TP31.93x25.04x0.25	559.72	1043.63	0.536	0.00	1043.63	0.000
L3	106.42 - 79.58 (3)	TP39.11x30.1195x0.375	1039.00	2482.93	0.418	0.00	2482.93	0.000
L4	79.58 - 46.08 (4)	TP47.94x36.8091x0.4375	1722.67	4313.42	0.399	0.00	4313.42	0.000



Centerline Engineering Services, PA

750 W Center St, Suite 301

West Bridgewater, MA 02379

Tel: (781) 713-4725

Job: Redding NE CT
Project: 23CLVZ-0003
Client: Verizon Wireless

Engineer: JLL
Date: 9/14/2023
Sheet: 1 of 1

Square Base Plate and Anchor Rod Analysis (TIA-H)**Analysis Reactions and Information**

Moment: 3004.31 *ft-kips*
Axial: 46.71 *kips*
Shear: 26.37 *kips*
Grout Considered: N/A
 I_{ar} : 0 *in*
Eta Factor, η : N/A

Anchor Rod Information

Quantity: 24
Diameter: 2.25 *in*
Bolt Grade: A615-75
Fy: 75 *ksi*
Fu: 100 *ksi*
Bolt Circle: 67.68 *in*

Tower Information

Diameter: 60.25 *in*
Thickness: 0.5 *in*
Pole Grade: A572-65
Fy: 65 *ksi*
Fu: 80 *ksi*
of Sides: 18-sided

Base Plate Information

Diameter: 74.82 *in*
Thickness: 3.50 *in*
Plate Grade: A572-50
Fy: 50.00 *ksi*
Fu: 65.00 *ksi*

Capacity Results**Anchor Rod Results**

P_{u_c} = 90.69 *kips* ϕP_{n_c} = 243.75 *kips*
 V_u = 1.10 *kips* ϕV_n = 73.13 *kips*
 M_u = N/A *in-kips* ϕM_n = N/A *in-kips*

Anchor Rod Stress Ratio: 35.5%

Good**Base Plate Results**

Base Plate Stress: 8.32 *ksi*
Allowable Plate Stress: 45 *ksi*
Base Plate Stress Ratio: 18.5%

Good



Centerline Engineering Services, PA
750 W Center St, Suite 301
West Bridgewater, MA 02379
Tel: (781) 713-472525

Job:	Redding NE CT	Engineer:	JLL
Project:	23CLVZ-0003	Date:	9/14/2023
Client:	Verizon Wireless	Sheet:	1 of 1

Foundation Reaction Comparison

Original Design Code:	Rev F
Current Design Code:	Rev H

Component	Modified Design Reaction*	Current Analysis Reactions	Percent Capacity
Moment (ft-kips)	6614.00	3004.31	45.4%
Axial (kips)	83.50	46.71	55.9%
Shear (kips)	56.80	26.37	46.4%

* Original design reactions were multiplied by 1.35 for comparison to the current reactions as per ANSI/TIA-222-H, Section 15.6.2.

Component	Original Design Reaction** Rev F
Moment (ft-kips)	4899.262
Axial (kips)	61.852
Shear (kips)	42.074

**Original design reactions based on the information provided from the previous structural analysis by Hudson Design Group, LLC, dated July 21, 2021, and are assumed to be correct.



Colliers Engineering & Design CT. P.C.
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Stamford, CT 06901
203.324.0800
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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207126
Colliers Engineering & Design CT. P.C. Project #: 23777146

July 17, 2023

Site Information

Site ID: 5000387495-VZW / REDDING NE CT - Fire Station
Site Name: REDDING NE CT - Fire Station
Carrier Name: Verizon Wireless
Address: 186 Black Rock Tpk
Redding, Connecticut 06876
Fairfield County
Latitude: 41.30993638°
Longitude: -73.34759638°

Structure Information

Tower Type: 149-Ft Monopole
Mount Type: 12.50-Ft Platform

FUZE ID # 17123987

Analysis Results

Platform: 66.5% Pass*

***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: Selene Chen



07/17/2023

Executive Summary:

The objective of this report is to determine the capacity of the antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

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: 1835440, dated March 18, 2021
Mount Mapping Report	Level-Up Towers, Site ID: 486303, dated February 18, 2021
Previous Mount Analysis Report	Maser Consulting Connecticut, Project #: 21777032, dated March 31, 2021
Post-Modification Inspection Report	Maser Consulting Connecticut, Project #: 21777032, dated June 6, 2022
Filter Add Scope	Provided by Verizon Wireless

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} : 120 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 : 0.977
Seismic Parameters:	S_s : 0.228 g S_1 : 0.056 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Load, L_v : 250 lbs. Maintenance Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17)

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
132.00	135.00	3	Samsung	B2/B66A RRH-BR049	Retained
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48	
		3	Andrew	SBNHH-1D65B	
		6	Commscope	JAHH-65B-R3B	
		3	Samsung	MT6407-77A	
		6	KAelus	KA-6030	Added

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 CT, P.C. 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 CT, P.C. 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 CT. P.C. 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:
 - o Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - o HSS (Rectangular) ASTM 500 (Gr. B-46)
 - o Pipe ASTM A53 (Gr. B-35)
 - o Threaded Rod F1554 (Gr. 36)
 - o Bolts ASTM A325

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	22.3 %	Pass
Standoff Horizontal	24.9 %	Pass
Platform Crossmember	14.8 %	Pass
Mount Pipe	35.1 %	Pass
Corner Plate	31.3 %	Pass
Grating Support	14.0 %	Pass
Cross Arm Plate	33.3 %	Pass
Support Rail	40.2 %	Pass
Support Rail Corner	66.5 %	Pass
Kicker	11.7 %	Pass
Connection Check	34.7 %	Pass

Structure Rating – (Controlling Utilization of all Components)	66.5%
--	-------

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	26.5	26.5	48.9	48.9
0.5	34.5	34.5	64.8	64.8
1	41.9	41.9	80.1	80.1

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 is **SUFFICIENT** for the final loading configuration shown in attachment 2 and do not require modifications. Additional requirements are noted below.

--

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – **Passing Mount Analysis**

Passing Mount Analysis requires a PMI due to a modification in loading.

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

MDG #: 5000387495

SMART Project #: 10207126

Fuze Project ID: 17123987

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

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

Base Requirements:

- If installation 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 mount drawings” showing contractor’s name, contact information, 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 passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. 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.
 - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- *Photos taken at Mount Elevation*
 - Photos showing the safety climb wire rope above and below the mount prior to installation.
 - Photos showing the climbing facility and safety climb if present.
 - Photos showing each individual sector after installation. Each entire sector shall 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.

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.

☐ 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.

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

Issue:

Response:

Special Instruction Confirmation:

- ☐ The contractor has read and acknowledges the above special instructions.
- ☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.
- ☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) 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.

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

Certifying Individual:

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

Sector: A

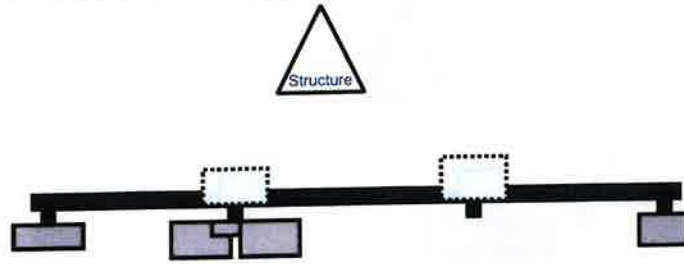
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10207126

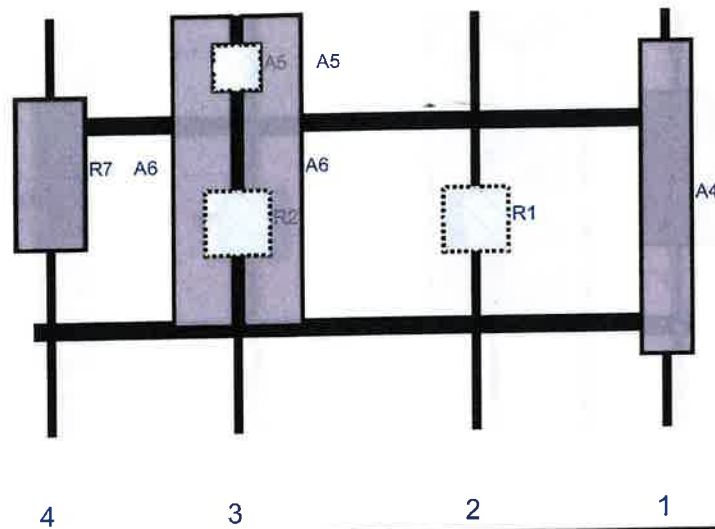
Mount Elev: 132.00

Page: 1

Plan View



Front View - Looking at Structure



#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
	SBNHH-1D65B	72.6	11.9	146	1	a	Front	43.5	0	Retained	02/18/2021
	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	102	2	a	Behind	48	0	Retained	05/17/2022
	JAHH-65B-R3B	72	13.8	47	3	a	Front	36	8	Retained	05/17/2022
	JAHH-65B-R3B	72	13.8	47	3	b	Front	36	-8	Retained	05/17/2022
	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	48	0	Retained	05/17/2022
	KA-6030	10.6	10.9	47	3	a	Front	12	0	Added	
	KA-6030	10.6	10.9	47	3	b	Behind	12	0	Added	
	MT6407-77A	35.1	16.1	4	4	a	Front	36	0	Retained	05/17/2022

Sector: **B**

7/17/2023

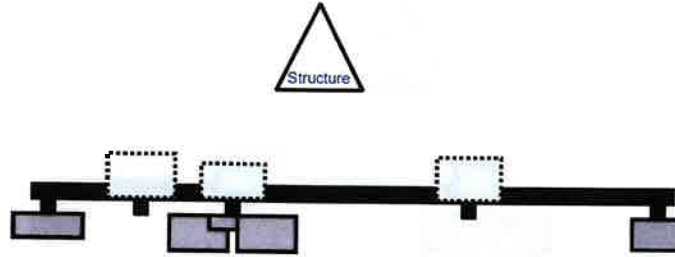
Structure Type: Monopole

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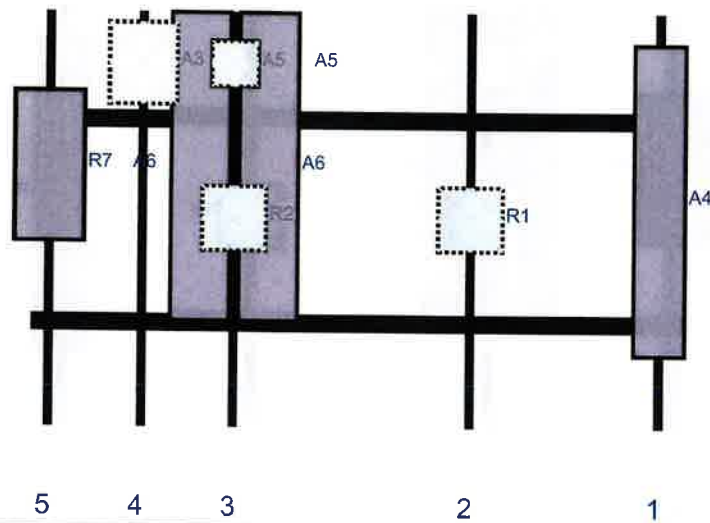
Mount Elev: 132.00

Page: 2

Plan View



Front View - Looking at Structure



#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
	SBNHH-1D65B	72.6	11.9	146	1	a	Front	43.5	0	Retained	02/18/2021
	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	102	2	a	Behind	48	0	Retained	05/17/2022
	JAHH-65B-R3B	72	13.8	47	3	a	Front	36	8	Retained	05/17/2022
	JAHH-65B-R3B	72	13.8	47	3	b	Front	36	-8	Retained	05/17/2022
	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	48	0	Retained	05/17/2022
	KA-6030	10.6	10.9	47	3	a	Front	12	0	Added	
	KA-6030	10.6	10.9	47	3	b	Behind	12	0	Added	
	RRFDC-3315-PF-48	19.1	15.7	25.5	4	a	Behind	12	0	Retained	02/18/2021
	MT6407-77A	35.1	16.1	4	5	a	Front	36	0	Retained	05/17/2022

Sector: C

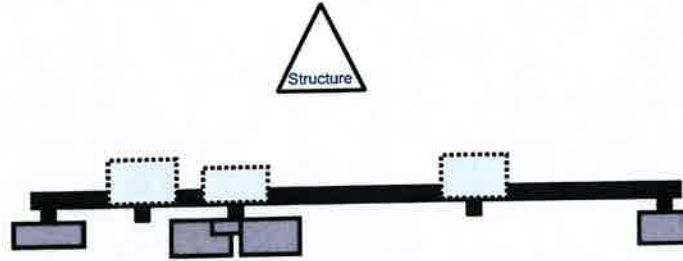
Structure Type: Monopole

10207126

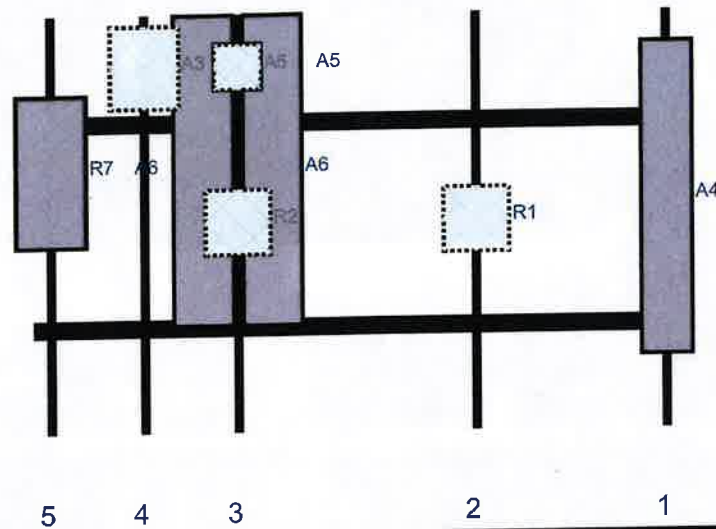
Mount Elev: 132.00

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Plan View



Front View - Looking at Structure



#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
	SBNHH-1D65B	72.6	11.9	146	1	a	Front	43.5	0	Retained	02/18/2021
	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	102	2	a	Behind	48	0	Retained	05/17/2022
	JAHH-65B-R3B	72	13.8	47	3	a	Front	36	8	Retained	05/17/2022
	JAHH-65B-R3B	72	13.8	47	3	b	Front	36	-8	Retained	05/17/2022
	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	47	3	a	Behind	48	0	Retained	05/17/2022
	KA-6030	10.6	10.9	47	3	a	Front	12	0	Added	
	KA-6030	10.6	10.9	47	3	b	Behind	12	0	Added	
	RRFDC-3315-PF-48	19.1	15.7	25.5	4	a	Behind	12	0	Retained	02/18/2021
	MT6407-77A	35.1	16.1	4	5	a	Front	36	0	Retained	05/17/2022





A6				C6	
B1	2.88"x0.21", 96.75" Long	72.50	4.00	D1	
B2	2.88"x0.21", 96.75" Long	72.50	48.00	D2	
B3	2.88"x0.21", 96.75" Long	72.50	103.00	D3	
B4	2.88"x0.21", 50" Long	72.50	124.50	D4	
B5	2.88"x0.21", 96.75" Long	72.50	146.00	D5	
B6				D6	

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See

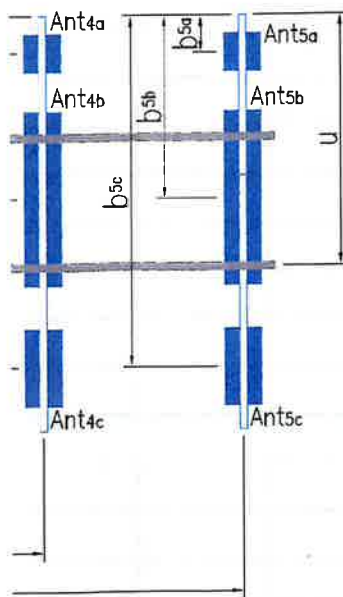
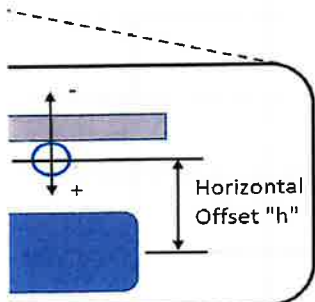
Distance from top of bottom support rail to lowest tip of ant./eqpt.

Distance from top of bottom support rail to highest tip of ant./eqpt.

Please enter additional information or comments b

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at M	
--	--	--	--

Enter antenna model. If not labeled, enter "Unknown".							[U
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Ve Distance b _{3a} , b _{1b} ..
Sector A							
Ant _{1a}							
Ant _{1b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	3
Ant _{1c}							
Ant _{2a}							
Ant _{2b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	3
Ant _{2c}							
Ant _{3a}							
Ant _{3b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	3
Ant _{3c}	Alcatel-Lucent B13 RF	11.40	6.90	20.70		126.042	4
Ant _{4a}							
Ant _{4b}	Commscope SBNHH-1	11.85	7.09	72.87		126.875	3
Ant _{4c}	Nokia B66a RRH 4x45	12.00	8.00	22.00		126.042	4
Ant _{5a}							
Ant _{5b}							
Ant _{5c}							
Ant on Standoff							
Ant on Standoff							
Ant on Tower							
Ant on Tower							



om Tower)

DISTANCE FROM TOP OF MAIN
PLATFORM MEMBER TO LOWEST TIP
OF ANT./EQPT. OF CARRIER ABOVE.
(N/A IF > 10 FT.)

DISTANCE FROM TOP OF MAIN
PLATFORM MEMBER TO HIGHEST TIP
OF ANT./EQPT. OF CARRIER BELOW.
(N/A IF > 10 FT.)

IF EQUIPMENT

IF EQUIPMENT

DISTANCE FROM TOP OF BOTTOM
SUPPORT RAIL TO LOWEST TIP OF
ANT./EQPT. OF CARRIER ABOVE.
(N/A IF > 10 FT.)

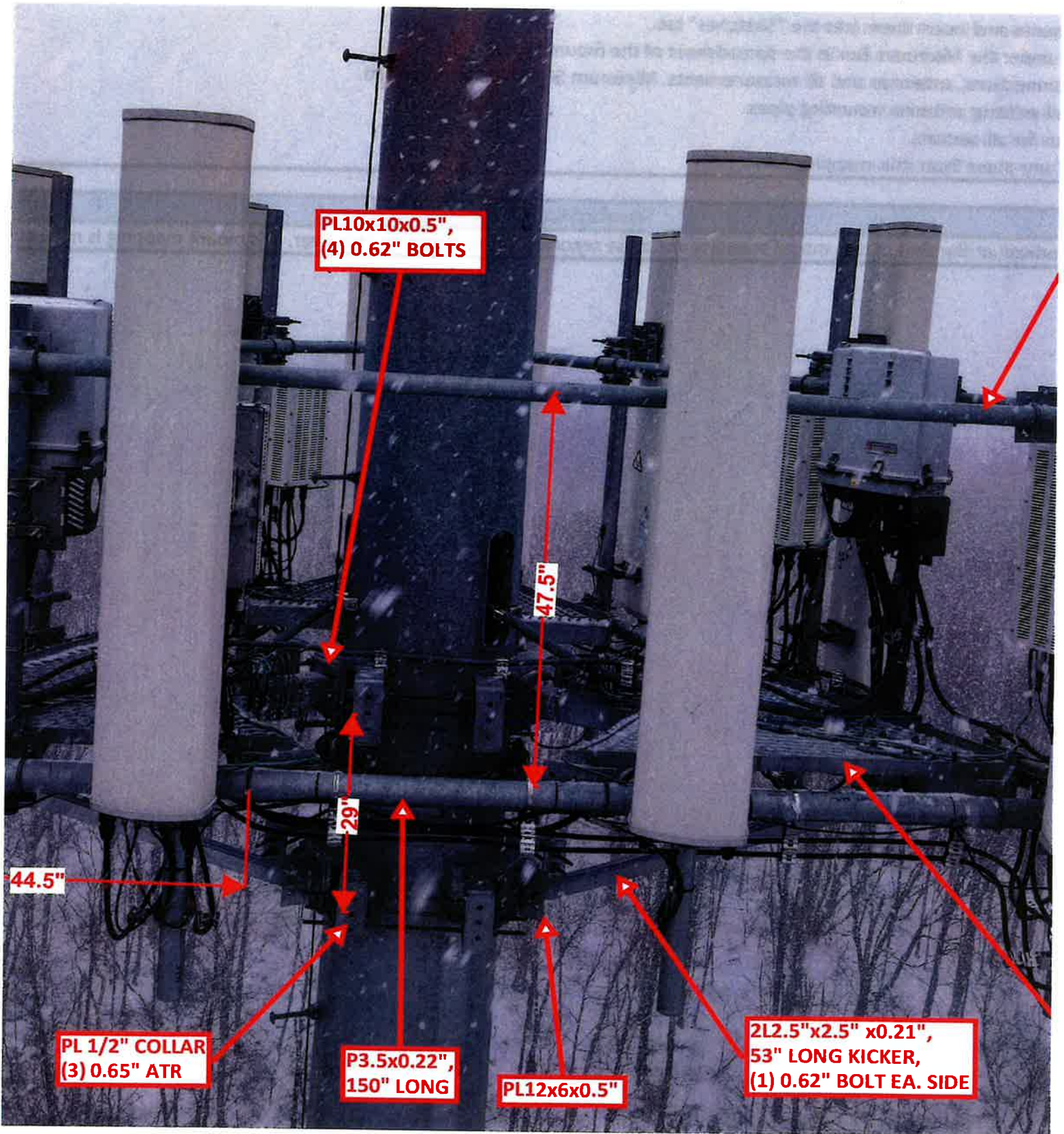
DISTANCE FROM TOP OF BOTTOM
SUPPORT RAIL TO HIGHEST TIP OF
ANT./EQPT. OF CARRIER BELOW.
(N/A IF > 10 FT.)

IF EQUIPMENT

Standoff							
Ant on Standoff							
Ant on Tower							
Ant on Tower							
Sector C							
Ant _{1a}							
Ant _{1b}	Commscope SBNHH-3	11.85	7.09	72.87		126.875	3
Ant _{1c}							
Ant _{2a}							
Ant _{2b}	Commscope SBNHH-3	11.85	7.09	72.87		126.875	3
Ant _{2c}							
Ant _{3a}							
Ant _{3b}	Commscope SBNHH-3	11.85	7.09	72.87		126.875	3
Ant _{3c}	Alcatel-Lucent B13 RF	11.40	6.90	20.70		127.708	2
Ant _{4a}							
Ant _{4b}	Raycap	14.00	10.00	27.00		127.708	2
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}							

mounts and insert them into the "Sketches" tab.
s under the Members Box in the spreadsheet of the mount type.
connections, antennas and all measurements. Minimum 50 photos are required.
all existing antenna mounting pipes.
ion for all sectors.
of any sheet from this mapping form.

Standard Conditions
noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a cc



PL10x10x0.5",
(4) 0.62" BOLTS

47.5"

29"

44.5"

PL 1/2" COLLAR
(3) 0.65" ATR

P3.5x0.22",
150" LONG

PL12x6x0.5"

2L2.5"x2.5" x0.21",
53" LONG KICKER,
(1) 0.62" BOLT EA. SIDE

6" TALL,
(2) 1/2" UBT

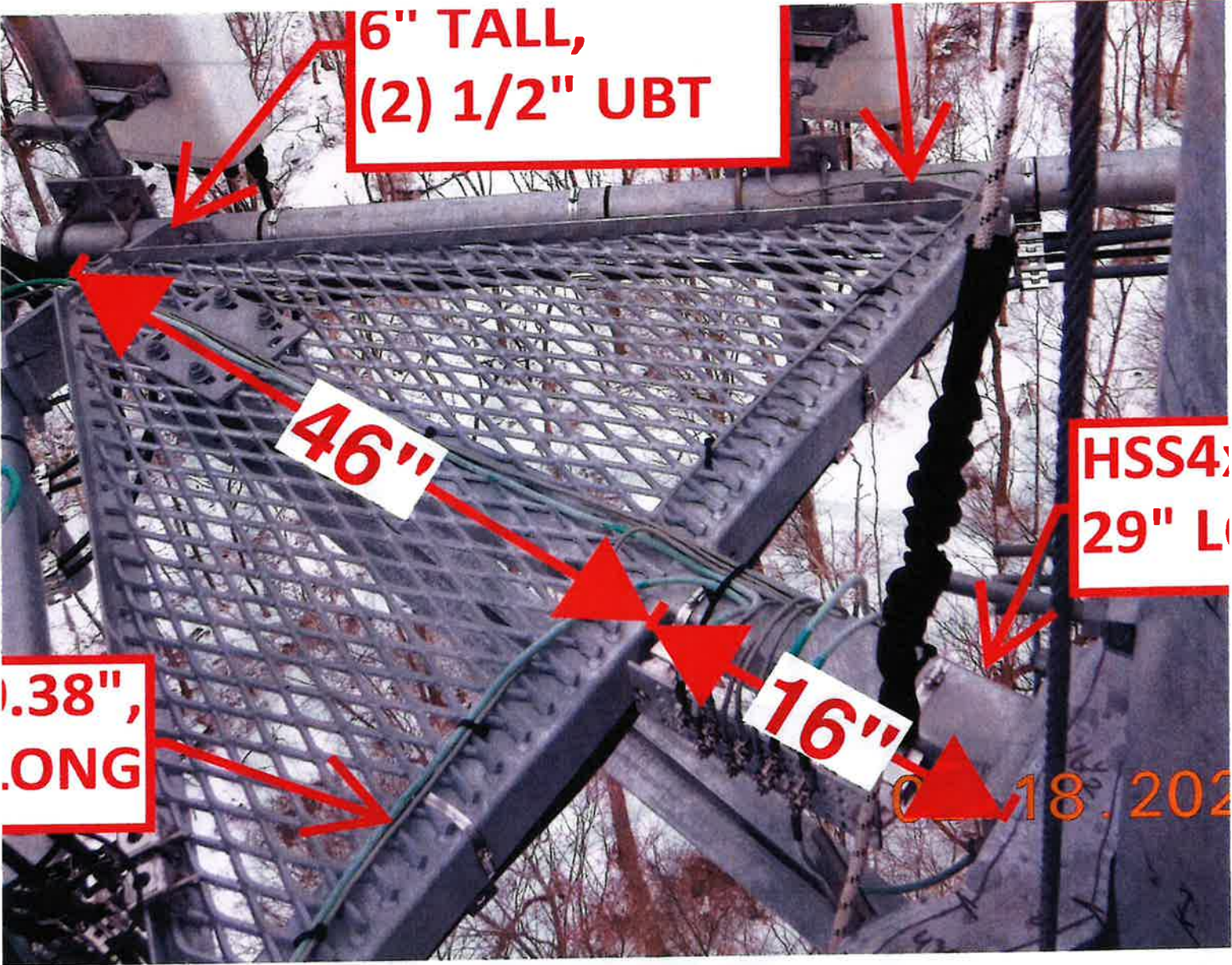
46"

HSS4x
29" L

0.38",
LONG

16"

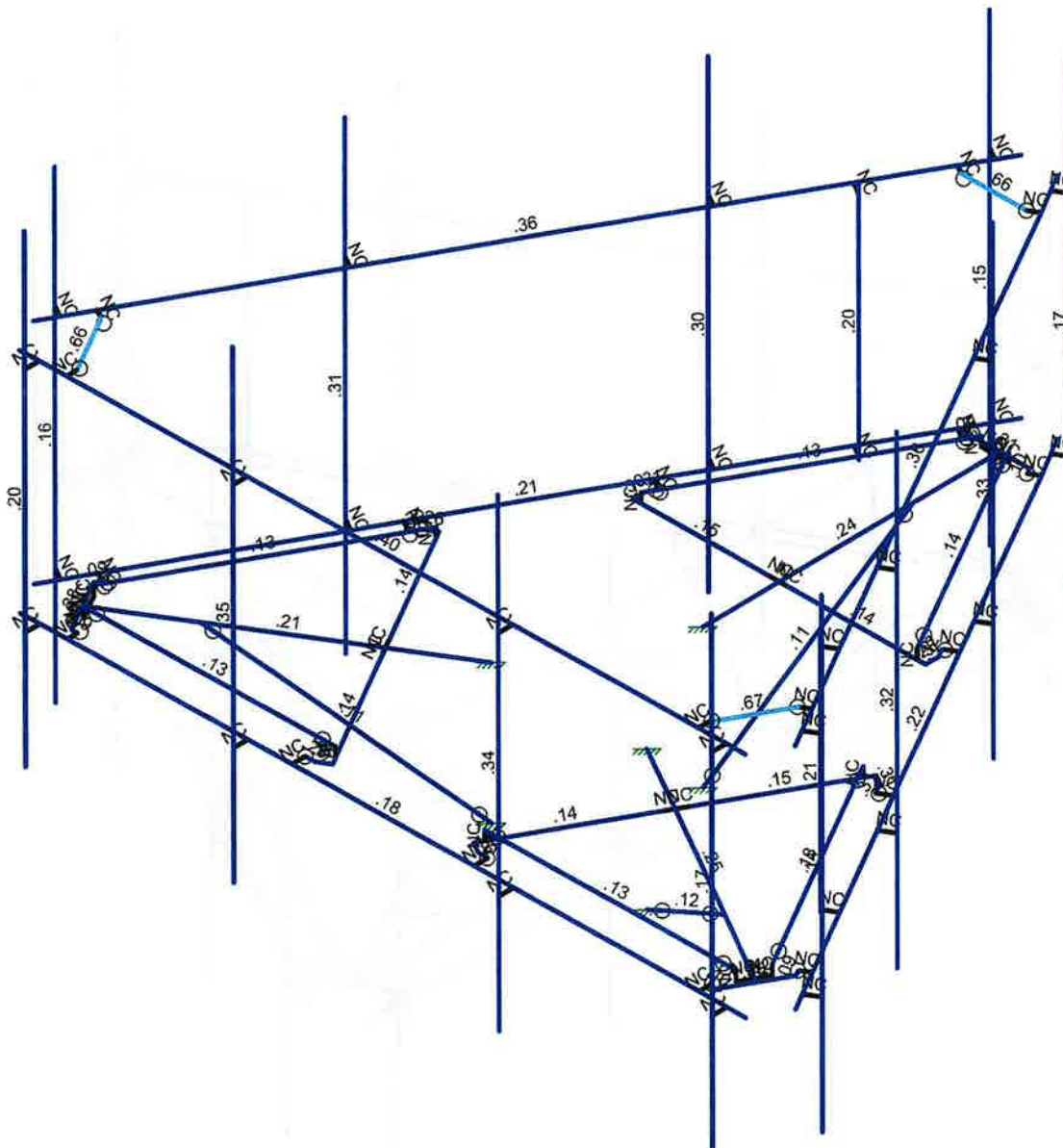
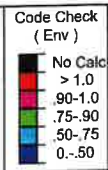
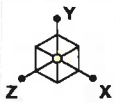
01/18/202





Envelope Only Solution

		SK - 1
		July 17, 2023 at 10:26 AM
		5000387495-VZW_MT_LO_H.r3d

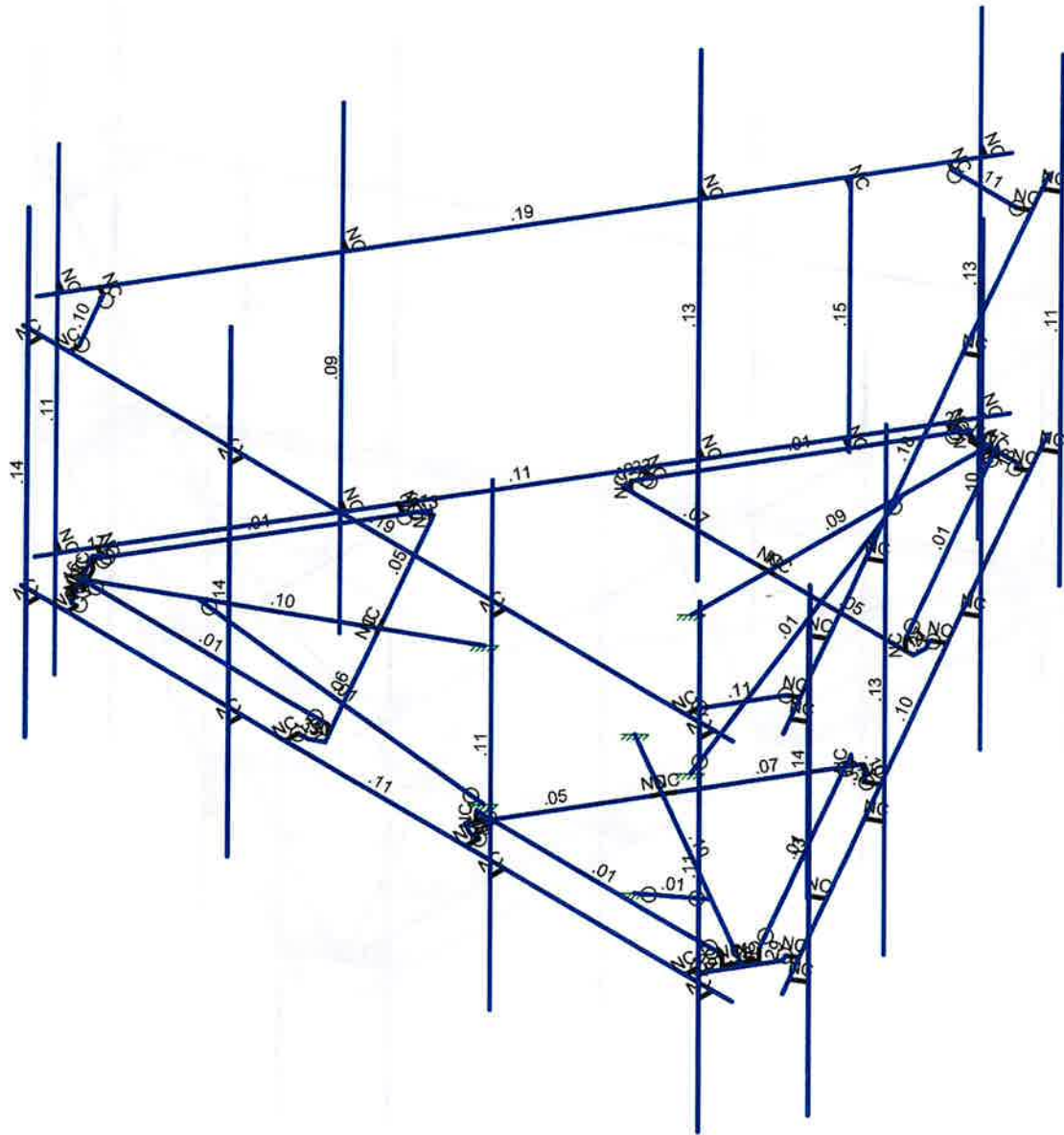
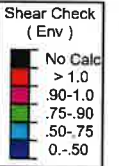
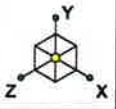


Member Code Checks Displayed (Enveloped)
Envelope Only Solution

SK - 2

July 17, 2023 at 10:26 AM

5000387495-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

SK - 3

July 17, 2023 at 10:26 AM

5000387495-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					114		
2	Antenna Di	None					114		
3	Antenna Wo (0 Deg)	None					114		
4	Antenna Wo (30 Deg)	None					114		
5	Antenna Wo (60 Deg)	None					114		
6	Antenna Wo (90 Deg)	None					114		
7	Antenna Wo (120 Deg)	None					114		
8	Antenna Wo (150 Deg)	None					114		
9	Antenna Wo (180 Deg)	None					114		
10	Antenna Wo (210 Deg)	None					114		
11	Antenna Wo (240 Deg)	None					114		
12	Antenna Wo (270 Deg)	None					114		
13	Antenna Wo (300 Deg)	None					114		
14	Antenna Wo (330 Deg)	None					114		
15	Antenna Wi (0 Deg)	None					114		
16	Antenna Wi (30 Deg)	None					114		
17	Antenna Wi (60 Deg)	None					114		
18	Antenna Wi (90 Deg)	None					114		
19	Antenna Wi (120 Deg)	None					114		
20	Antenna Wi (150 Deg)	None					114		
21	Antenna Wi (180 Deg)	None					114		
22	Antenna Wi (210 Deg)	None					114		
23	Antenna Wi (240 Deg)	None					114		
24	Antenna Wi (270 Deg)	None					114		
25	Antenna Wi (300 Deg)	None					114		
26	Antenna Wi (330 Deg)	None					114		
27	Antenna Wm (0 Deg)	None					114		
28	Antenna Wm (30 Deg)	None					114		
29	Antenna Wm (60 Deg)	None					114		
30	Antenna Wm (90 Deg)	None					114		
31	Antenna Wm (120 Deg)	None					114		
32	Antenna Wm (150 Deg)	None					114		
33	Antenna Wm (180 Deg)	None					114		
34	Antenna Wm (210 Deg)	None					114		
35	Antenna Wm (240 Deg)	None					114		
36	Antenna Wm (270 Deg)	None					114		
37	Antenna Wm (300 Deg)	None					114		
38	Antenna Wm (330 Deg)	None					114		
39	Structure D	None		-1				62	3
40	Structure Di	None						124	3
41	Structure Wo (0 Deg)	None						124	
42	Structure Wo (30 Deg)	None						124	
43	Structure Wo (60 Deg)	None						124	
44	Structure Wo (90 Deg)	None						124	
45	Structure Wo (120 Deg)	None						124	
46	Structure Wo (150 Deg)	None						124	
47	Structure Wo (180 Deg)	None						124	
48	Structure Wo (210 Deg)	None						124	
49	Structure Wo (240 Deg)	None						124	
50	Structure Wo (270 Deg)	None						124	
51	Structure Wo (300 Deg)	None						124	
52	Structure Wo (330 Deg)	None						124	
53	Structure Wi (0 Deg)	None						124	
54	Structure Wi (30 Deg)	None						124	
55	Structure Wi (60 Deg)	None						124	
56	Structure Wi (90 Deg)	None						124	
57	Structure Wi (120 Deg)	None						124	
58	Structure Wi (150 Deg)	None						124	

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me... Surface(...
59	Structure Wi (180 Deg)	None						124
60	Structure Wi (210 Deg)	None						124
61	Structure Wi (240 Deg)	None						124
62	Structure Wi (270 Deg)	None						124
63	Structure Wi (300 Deg)	None						124
64	Structure Wi (330 Deg)	None						124
65	Structure Wm (0 Deg)	None						124
66	Structure Wm (30 Deg)	None						124
67	Structure Wm (60 Deg)	None						124
68	Structure Wm (90 Deg)	None						124
69	Structure Wm (120 Deg)	None						124
70	Structure Wm (150 Deg)	None						124
71	Structure Wm (180 Deg)	None						124
72	Structure Wm (210 Deg)	None						124
73	Structure Wm (240 Deg)	None						124
74	Structure Wm (270 Deg)	None						124
75	Structure Wm (300 Deg)	None						124
76	Structure Wm (330 Deg)	None						124
77	Lm1	None					1	
78	Lm2	None					1	
79	Lv1	None					1	
80	Lv2	None					1	
81	Antenna Ev	None					114	
82	Antenna Eh (0 Deg)	None					76	
83	Antenna Eh (90 Deg)	None					76	
84	Structure Ev	ELY		-.049				3
85	Structure Eh (0 Deg)	ELZ			-.122			3
86	Structure Eh (90 Deg)	ELX	.122					3
87	BLC 39 Transient Area L...	None						30
88	BLC 40 Transient Area L...	None						30
89	BLC 84 Transient Area L...	None						30
90	BLC 85 Transient Area L...	None						30
91	BLC 86 Transient Area L...	None						30

Load Combinations

	Description	So. P...	S...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...	BLCFac...
1	1.2D+1.0Wo (0 Deg)	Yes	Y	1	1.2	39	1.2	3	1	41	1									
2	1.2D+1.0Wo (30 Deg)	Yes	Y	1	1.2	39	1.2	4	1	42	1									
3	1.2D+1.0Wo (60 Deg)	Yes	Y	1	1.2	39	1.2	5	1	43	1									
4	1.2D+1.0Wo (90 Deg)	Yes	Y	1	1.2	39	1.2	6	1	44	1									
5	1.2D+1.0Wo (120 Deg)	Yes	Y	1	1.2	39	1.2	7	1	45	1									
6	1.2D+1.0Wo (150 Deg)	Yes	Y	1	1.2	39	1.2	8	1	46	1									
7	1.2D+1.0Wo (180 Deg)	Yes	Y	1	1.2	39	1.2	9	1	47	1									
8	1.2D+1.0Wo (210 Deg)	Yes	Y	1	1.2	39	1.2	10	1	48	1									
9	1.2D+1.0Wo (240 Deg)	Yes	Y	1	1.2	39	1.2	11	1	49	1									
10	1.2D+1.0Wo (270 Deg)	Yes	Y	1	1.2	39	1.2	12	1	50	1									
11	1.2D+1.0Wo (300 Deg)	Yes	Y	1	1.2	39	1.2	13	1	51	1									
12	1.2D+1.0Wo (330 Deg)	Yes	Y	1	1.2	39	1.2	14	1	52	1									
13	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	15	1	53	1					
14	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	16	1	54	1					
15	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	17	1	55	1					
16	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	18	1	56	1					
17	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	19	1	57	1					
18	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	20	1	58	1					
19	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	21	1	59	1					
20	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	22	1	60	1					
21	1.2D + 1.0Di + 1.0Wi (...)	Yes	Y	1	1.2	39	1.2	2	1	40	1	23	1	61	1					

Load Combinations (Continued)

[illegible]

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	-3.5	3.97719	0	
2	N2	-6.25	-3.5	3.97719	0	
3	N3	-0.	-3.5	-1.541667	0	
4	N5	-2.541667	-3.5	-2.875	0	
5	N8	5.916667	-3.5	3.97719	0	
6	N9	5.916667	-3.5	4.22719	0	
7	N10	-5.916667	-3.5	3.97719	0	
8	N11	-5.916667	-3.5	4.22719	0	
9	N12	2.25	-3.5	3.97719	0	
10	N13	2.25	-3.5	4.22719	0	
11	N14	-2.333333	-3.5	3.97719	0	
12	N15	-2.333333	-3.5	4.22719	0	
13	N16	-2.333333	-5.520833	4.22719	0	
14	N17	-2.333333	2.541667	4.22719	0	
15	N18	-5.916667	-5.520833	4.22719	0	
16	N19	-5.916667	2.541667	4.22719	0	
17	N20	2.25	-5.520833	4.22719	0	
18	N21	2.25	2.541667	4.22719	0	
19	N22	5.916667	-5.520833	4.22719	0	
20	N23	5.916667	2.541667	4.22719	0	
21	N24	-0.	-3.5	-2.875	0	
22	N27	-0.	-3.5	-6.708333	0	
23	CP	0	-3.5	0	0	
24	N101	2.541667	-3.5	-2.875	0	
25	N102	-0.166667	-3.5	-2.875	0	
26	N103A	0.166667	-3.5	-2.875	0	
27	N104A	-2.541667	-3.5	-3.09375	0	
28	N105	2.541667	-3.5	-3.09375	0	
29	N131	2.458333	-3.5	-3.238088	0	
30	N135	0.571615	-3.5	-6.611357	0	
31	N144	-2.458333	-3.5	-3.238088	0	
32	N148	-0.571615	-3.5	-6.611357	0	
33	N86A	2.656798	-3.5	-3.352671	0	
34	N86B	-2.656798	-3.5	-3.352671	0	
35	N86C	-0.515625	-3.5	-6.708333	0	
36	N87A	0.515625	-3.5	-6.708333	0	
37	N86D	0.72445	-3.5	-6.699596	0	
38	N86E	-0.72445	-3.5	-6.699596	0	
39	N88A	-0.	-3.5	-6.625	0	
40	N87C	0.234238	-3.333333	-6.625	0	
41	N86G	0.234238	-3.5	-6.625	0	
42	N87B	-0.234238	-3.333333	-6.625	0	
43	N88C	-0.234238	-3.5	-6.625	0	
44	N140B	6.25	0.458333	3.97719	0	
45	N141B	-6.25	0.458333	3.97719	0	
46	N142A	5.916667	0.458333	3.97719	0	
47	N143	5.916667	0.458333	4.22719	0	
48	N144A	-5.916667	0.458333	3.97719	0	
49	N145	-5.916667	0.458333	4.22719	0	
50	N146	2.25	0.458333	3.97719	0	
51	N147	2.25	0.458333	4.22719	0	
52	N148A	-2.333333	0.458333	3.97719	0	
53	N149	-2.333333	0.458333	4.22719	0	
54	N167	0.571615	0.458333	-6.611357	0	
55	N168	0.72445	0.458333	-6.699596	0	
56	N180	-0.571615	0.458333	-6.611357	0	
57	N181	-0.72445	0.458333	-6.699596	0	
58	N190A	-0.	-5.916667	-1.541667	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N191A	-0.	-3.5	-5.2125	0	
60	N70	2.399301	-3.333333	-2.875	0	
61	N71	-2.399301	-3.333333	-2.875	0	
62	N73	-2.399301	-3.5	-2.875	0	
63	N72	2.399301	-3.5	-2.875	0	
64	N66	0.319348	-3.5	-7.401254	0	
65	N67	6.569348	-3.5	3.424064	0	
66	N69	-6.569348	-3.5	3.424064	0	
67	N70A	-0.319348	-3.5	-7.401254	0	
68	N70B	-1.335122	-3.5	0.770833	0	
69	N71A	-1.21899	-3.5	3.638648	0	
70	N72A	-2.489823	-3.5	1.4375	0	
71	N73A	-5.809587	-3.5	3.354167	0	
72	N75	-3.760656	-3.5	-0.763648	0	
73	N76	-2.40649	-3.5	1.581838	0	
74	N77	-2.573156	-3.5	1.293162	0	
75	N78	-1.408433	-3.5	3.748023	0	
76	N79	-3.950099	-3.5	-0.654273	0	
77	N80	-4.033433	-3.5	-0.509935	0	
78	N81	-6.01141	-3.5	2.810646	0	
79	N82	-1.575099	-3.5	3.748023	0	
80	N83	-5.439795	-3.5	3.800711	0	
81	N84	-4.231897	-3.5	-0.624519	0	
82	N85	-1.575099	-3.5	3.97719	0	
83	N86	-5.551775	-3.5	3.800711	0	
84	N87	-6.0674	-3.5	2.907622	0	
85	N88	-6.164245	-3.5	2.722406	0	
86	N89	-5.439795	-3.5	3.97719	0	
87	N90	-5.737418	-3.5	3.3125	0	
88	N91	-5.854537	-3.333333	3.109644	0	
89	N92	-5.854537	-3.5	3.109644	0	
90	N93	-5.6203	-3.333333	3.515356	0	
91	N94	-5.6203	-3.5	3.515356	0	
92	N95	-1.335122	-5.916667	0.770833	0	
93	N96	-4.514157	-3.5	2.60625	0	
94	N97	-3.689474	-3.333333	-0.640356	0	
95	N98	-1.290172	-3.333333	3.515356	0	
96	N99	-1.290172	-3.5	3.515356	0	
97	N100	-3.689474	-3.5	-0.640356	0	
98	N101A	1.335122	-3.5	0.770833	0	
99	N102A	3.760656	-3.5	-0.763648	0	
100	N103	2.489823	-3.5	1.4375	0	
101	N104	5.809587	-3.5	3.354167	0	
102	N106	1.21899	-3.5	3.638648	0	
103	N107	2.573156	-3.5	1.293162	0	
104	N108	2.40649	-3.5	1.581838	0	
105	N109	3.950099	-3.5	-0.654273	0	
106	N110	1.408433	-3.5	3.748023	0	
107	N111	1.575099	-3.5	3.748023	0	
108	N112	5.439795	-3.5	3.800711	0	
109	N113	4.033433	-3.5	-0.509935	0	
110	N114	6.01141	-3.5	2.810646	0	
111	N115	1.575099	-3.5	3.97719	0	
112	N116	4.231897	-3.5	-0.624519	0	
113	N117	6.0674	-3.5	2.907622	0	
114	N118	5.551775	-3.5	3.800711	0	
115	N119	5.439795	-3.5	3.97719	0	
116	N120	6.164245	-3.5	2.722406	0	
117	N121	5.737418	-3.5	3.3125	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N122	5.6203	-3.333333	3.515356	0	
119	N123	5.6203	-3.5	3.515356	0	
120	N124	5.854537	-3.333333	3.109644	0	
121	N125	5.854537	-3.5	3.109644	0	
122	N126	1.335122	-5.916667	0.770833	0	
123	N127	4.514157	-3.5	2.60625	0	
124	N128	1.290172	-3.333333	3.515356	0	
125	N129	3.689474	-3.333333	-0.640356	0	
126	N130	3.689474	-3.5	-0.640356	0	
127	N131A	1.290172	-3.5	3.515356	0	
128	N129A	0.319348	0.458333	-7.401254	0	
129	N130A	6.569348	0.458333	3.424064	0	
130	N132	-6.569348	0.458333	3.424064	0	
131	N133	-0.319348	0.458333	-7.401254	0	
132	N133A	-6.01141	0.458333	2.810646	0	
133	N134	-6.164245	0.458333	2.722406	0	
134	N135A	-5.439795	0.458333	3.800711	0	
135	N136	-5.439795	0.458333	3.97719	0	
136	N138	5.439795	0.458333	3.800711	0	
137	N139	5.439795	0.458333	3.97719	0	
138	N140	6.01141	0.458333	2.810646	0	
139	N141	6.164245	0.458333	2.722406	0	
140	N140A	0.486014	-3.5	-7.112579	0	
141	N141A	0.702521	-3.5	-7.237579	0	
142	N142	6.402681	-3.5	3.135389	0	
143	N143A	6.619187	-3.5	3.010389	0	
144	N144B	2.319348	-3.5	-3.937152	0	
145	N145A	2.535854	-3.5	-4.062152	0	
146	N146A	4.611014	-3.5	0.032131	0	
147	N147A	4.827521	-3.5	-0.092869	0	
148	N148B	4.827521	-5.520833	-0.092869	0	
149	N149A	4.827521	2.541667	-0.092869	0	
150	N150	6.619187	-5.520833	3.010389	0	
151	N151	6.619187	2.541667	3.010389	0	
152	N152	2.535854	-5.520833	-4.062152	0	
153	N153	2.535854	2.541667	-4.062152	0	
154	N154	0.702521	-5.520833	-7.237579	0	
155	N155	0.702521	2.541667	-7.237579	0	
156	N157	0.486014	0.458333	-7.112579	0	
157	N158	0.702521	0.458333	-7.237579	0	
158	N159	6.402681	0.458333	3.135389	0	
159	N160	6.619187	0.458333	3.010389	0	
160	N161	2.319348	0.458333	-3.937152	0	
161	N162	2.535854	0.458333	-4.062152	0	
162	N163	4.611014	0.458333	0.032131	0	
163	N164	4.827521	0.458333	-0.092869	0	
164	N165	-6.402681	-3.5	3.135389	0	
165	N166	-6.619187	-3.5	3.010389	0	
166	N167A	-0.486014	-3.5	-7.112579	0	
167	N168A	-0.702521	-3.5	-7.237579	0	
168	N169	-4.569348	-3.5	-0.040038	0	
169	N170	-4.785854	-3.5	-0.165038	0	
170	N171	-2.277681	-3.5	-4.009321	0	
171	N172	-2.494187	-3.5	-4.134321	0	
172	N173	-2.494187	-5.520833	-4.134321	0	
173	N174	-2.494187	2.541667	-4.134321	0	
174	N175	-0.702521	-5.520833	-7.237579	0	
175	N176	-0.702521	2.541667	-7.237579	0	
176	N177	-4.785854	-5.520833	-0.165038	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N178	-4.785854	2.541667	-0.165038	0	
178	N179	-6.619187	-5.520833	3.010389	0	
179	N180A	-6.619187	2.541667	3.010389	0	
180	N182	-6.402681	0.458333	3.135389	0	
181	N183	-6.619187	0.458333	3.010389	0	
182	N184	-0.486014	0.458333	-7.112579	0	
183	N185	-0.702521	0.458333	-7.237579	0	
184	N186	-4.569348	0.458333	-0.040038	0	
185	N187	-4.785854	0.458333	-0.165038	0	
186	N188	-2.277681	0.458333	-4.009321	0	
187	N189	-2.494187	0.458333	-4.134321	0	
188	N197A	5.290341	-3.5	1.70876	0	
189	N198	5.506848	-3.5	1.58376	0	
190	N199A	5.290341	0.458333	1.70876	0	
191	N200	5.506848	0.458333	1.58376	0	
192	N202	5.290341	-3.541667	1.70876	0	
193	N203	5.290341	.625	1.70876	0	
194	N206	-1.165341	-3.5	-5.43595	0	
195	N207	-1.381848	-3.5	-5.56095	0	
196	N208	-1.165341	0.458333	-5.43595	0	
197	N209	-1.381848	0.458333	-5.56095	0	
198	N211	-1.165341	-3.541667	-5.43595	0	
199	N212	-1.165341	.625	-5.43595	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	Q235	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	Q235	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2X6	Beam	BAR	Q235	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	Q235	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	Q235	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
7	Cross Arm Plate	PL3/8x6	Column	RECT	Q235	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Corner	L2.5x2.5x3	Column	Single Angle	Q235	Typical	.901	.535	.535	.011
10	Kicker	LL2.5x2.5x3x3	Column	Double Angle (3/...	A36 Gr.36	Typical	1.8	2.46	1.07	.023

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	Q235	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	Q235	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	Q235	Typical
4	M19	N8	N9			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
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Cross...	Beam	SquareTube	Q235	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	Q235	Typical
14	M51B	N87C	N70			Grating Support	Beam	Single Angle	Q235	Typical
15	M52B	N71	N87B			Grating Support	Beam	Single Angle	Q235	Typical
16	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
17	M58	N102	N24			RIGID	None	None	RIGID	Typical
18	M59	N24	N103A			RIGID	None	None	RIGID	Typical
19	M76	N101	N105			Cross Arm Plate	Column	RECT	Q235	Typical
20	M77	N105	N131			Cross Arm Plate	Column	RECT	Q235	Typical
21	M79	N131	N86A			RIGID	None	None	RIGID	Typical
22	M80	N87A	N135			Corner Plate	Beam	BAR	Q235	Typical
23	M83	N135	N86D			RIGID	None	None	RIGID	Typical
24	M84	N5	N104A			Cross Arm Plate	Column	RECT	Q235	Typical
25	M85	N104A	N144			Cross Arm Plate	Column	RECT	Q235	Typical
26	M88	N144	N86B			RIGID	None	None	RIGID	Typical
27	M91	N86C	N148			Corner Plate	Beam	BAR	Q235	Typical
28	M92	N148	N86E			RIGID	None	None	RIGID	Typical
29	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
30	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
31	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
32	M100	N140B	N141B			Support Rail	Column	Pipe	A53 Gr.B	Typical
33	M101	N142A	N143			RIGID	None	None	RIGID	Typical
34	M102	N144A	N145			RIGID	None	None	RIGID	Typical
35	M103	N146	N147			RIGID	None	None	RIGID	Typical
36	M104	N148A	N149			RIGID	None	None	RIGID	Typical
37	M113	N167	N168			RIGID	None	None	RIGID	Typical
38	M119	N180	N181			RIGID	None	None	RIGID	Typical
39	M123	N180	N167		180	Support Rail C..	Column	Single Angle	Q235	Typical
40	M128	N191A	N190A			Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
41	M45	N71	N73			RIGID	None	None	RIGID	Typical
42	M45A	N70	N72			RIGID	None	None	RIGID	Typical
43	M43A	N66	N67			Face Horizontal	Beam	Pipe	Q235	Typical
44	M44	N69	N70A			Face Horizontal	Beam	Pipe	Q235	Typical
45	M45B	N70B	N73A			Standoff Horiz...	Beam	SquareTube	Q235	Typical
46	M46A	N75	N77			Platform Cross...	Beam	SquareTube	Q235	Typical
47	M47	N76	N71A			Platform Cross...	Beam	SquareTube	Q235	Typical
48	M48	N86	N87			Corner Plate	Beam	BAR	Q235	Typical
49	M49	N91	N97			Grating Support	Beam	Single Angle	Q235	Typical
50	M50A	N98	N93			Grating Support	Beam	Single Angle	Q235	Typical
51	M51C	N93	N94			RIGID	None	None	RIGID	Typical
52	M52A	N76	N72A			RIGID	None	None	RIGID	Typical
53	M53	N72A	N77			RIGID	None	None	RIGID	Typical
54	M54	N75	N79			Cross Arm Plate	Column	RECT	Q235	Typical
55	M55	N79	N80			Cross Arm Plate	Column	RECT	Q235	Typical
56	M56	N80	N84			RIGID	None	None	RIGID	Typical
57	M57	N87	N81			Corner Plate	Beam	BAR	Q235	Typical
58	M58A	N81	N88			RIGID	None	None	RIGID	Typical
59	M59A	N71A	N78			Cross Arm Plate	Column	RECT	Q235	Typical
60	M60	N78	N82			Cross Arm Plate	Column	RECT	Q235	Typical
61	M61	N82	N85			RIGID	None	None	RIGID	Typical
62	M62	N86	N83			Corner Plate	Beam	BAR	Q235	Typical
63	M63	N83	N89			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
64	M64	N94	N90			RIGID	None	None	RIGID	Typical
65	M65	N90	N92			RIGID	None	None	RIGID	Typical
66	M66	N91	N92			RIGID	None	None	RIGID	Typical
67	M67	N96	N95			Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
68	M68	N98	N99			RIGID	None	None	RIGID	Typical
69	M69	N97	N100			RIGID	None	None	RIGID	Typical
70	M70	N101A	N104			Standoff Horiz...	Beam	SquareTube	Q235	Typical
71	M71	N106	N108			Platform Cross...	Beam	SquareTube	Q235	Typical
72	M72	N107	N102A			Platform Cross...	Beam	SquareTube	Q235	Typical
73	M73	N117	N118			Corner Plate	Beam	BAR	Q235	Typical
74	M74	N122	N128			Grating Support	Beam	Single Angle	Q235	Typical
75	M75	N129	N124			Grating Support	Beam	Single Angle	Q235	Typical
76	M76A	N124	N125			RIGID	None	None	RIGID	Typical
77	M77A	N107	N103			RIGID	None	None	RIGID	Typical
78	M78	N103	N108			RIGID	None	None	RIGID	Typical
79	M79A	N106	N110			Cross Arm Plate	Column	RECT	Q235	Typical
80	M80A	N110	N111			Cross Arm Plate	Column	RECT	Q235	Typical
81	M81	N111	N115			RIGID	None	None	RIGID	Typical
82	M82	N118	N112			Corner Plate	Beam	BAR	Q235	Typical
83	M83A	N112	N119			RIGID	None	None	RIGID	Typical
84	M84A	N102A	N109			Cross Arm Plate	Column	RECT	Q235	Typical
85	M85A	N109	N113			Cross Arm Plate	Column	RECT	Q235	Typical
86	M86	N113	N116			RIGID	None	None	RIGID	Typical
87	M87	N117	N114			Corner Plate	Beam	BAR	Q235	Typical
88	M88A	N114	N120			RIGID	None	None	RIGID	Typical
89	M89	N125	N121			RIGID	None	None	RIGID	Typical
90	M90	N121	N123			RIGID	None	None	RIGID	Typical
91	M91A	N122	N123			RIGID	None	None	RIGID	Typical
92	M92A	N127	N126			Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
93	M93	N129	N130			RIGID	None	None	RIGID	Typical
94	M94	N128	N131A			RIGID	None	None	RIGID	Typical
95	M95	N129A	N130A			Support Rail	Column	Pipe	A53 Gr.B	Typical
96	M96	N132	N133			Support Rail	Column	Pipe	A53 Gr.B	Typical
97	M97	N133A	N134			RIGID	None	None	RIGID	Typical
98	M98	N135A	N136			RIGID	None	None	RIGID	Typical
99	M99	N135A	N133A		180	Support Rail C..	Column	Single Angle	Q235	Typical
100	M100A	N138	N139			RIGID	None	None	RIGID	Typical
101	M101A	N140	N141			RIGID	None	None	RIGID	Typical
102	M102A	N140	N138		180	Support Rail C..	Column	Single Angle	Q235	Typical
103	M103A	N140A	N141A			RIGID	None	None	RIGID	Typical
104	M104A	N142	N143A			RIGID	None	None	RIGID	Typical
105	M105	N144B	N145A			RIGID	None	None	RIGID	Typical
106	M106	N146A	N147A			RIGID	None	None	RIGID	Typical
107	MP3C	N149A	N148B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	MP5C	N151	N150			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	MP2C	N153	N152			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
110	MP1C	N155	N154			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
111	M111	N157	N158			RIGID	None	None	RIGID	Typical
112	M112	N159	N160			RIGID	None	None	RIGID	Typical
113	M113A	N161	N162			RIGID	None	None	RIGID	Typical
114	M114	N163	N164			RIGID	None	None	RIGID	Typical
115	M115	N165	N166			RIGID	None	None	RIGID	Typical
116	M116	N167A	N168A			RIGID	None	None	RIGID	Typical
117	M117	N169	N170			RIGID	None	None	RIGID	Typical
118	M118	N171	N172			RIGID	None	None	RIGID	Typical
119	MP3B	N174	N173			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	MP5B	N176	N175			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
121	MP2B	N178	N177			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
122	MP1B	N180A	N179			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
123	M123A	N182	N183			RIGID	None	None	RIGID	Typical
124	M124	N184	N185			RIGID	None	None	RIGID	Typical
125	M125	N186	N187			RIGID	None	None	RIGID	Typical
126	M126	N188	N189			RIGID	None	None	RIGID	Typical
127	M130	N197A	N198			RIGID	None	None	RIGID	Typical
128	M131A	N199A	N200			RIGID	None	None	RIGID	Typical
129	MP4C	N203	N202			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
130	M133	N206	N207			RIGID	None	None	RIGID	Typical
131	M134	N208	N209			RIGID	None	None	RIGID	Typical
132	MP4B	N212	N211			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M51B	OOOOOX	OOOOOX				Yes	Default			None
15	M52B	OOOOOX	OOOOOX				Yes	Default			None
16	M52						Yes	** NA **			None
17	M58						Yes	** NA **			None
18	M59						Yes	** NA **			None
19	M76						Yes	** NA **			None
20	M77						Yes	** NA **			None
21	M79		BenPIN				Yes	** NA **			None
22	M80						Yes				None
23	M83		BenPIN				Yes	** NA **			None
24	M84						Yes	** NA **			None
25	M85						Yes	** NA **			None
26	M88		BenPIN				Yes	** NA **			None
27	M91						Yes				None
28	M92		BenPIN				Yes	** NA **			None
29	M50						Yes	** NA **			None
30	M51						Yes	** NA **			None
31	M51A						Yes	** NA **			None
32	M100						Yes	** NA **			None
33	M101						Yes	** NA **			None
34	M102						Yes	** NA **			None
35	M103						Yes	** NA **			None
36	M104						Yes	** NA **			None
37	M113		OOOOOO				Yes	** NA **			None
38	M119		OOOOOO				Yes	** NA **			None
39	M123						Yes	** NA **			None
40	M128	OOOOOX	OOOOOX				Yes	** NA **			None
41	M45						Yes	** NA **			None
42	M45A						Yes	** NA **			None
43	M43A						Yes	Default			None
44	M44						Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
45	M45B						Yes				None
46	M46A						Yes	Default			None
47	M47						Yes	Default			None
48	M48						Yes	Default			None
49	M49	OOOOOX	OOOOOX				Yes	Default			None
50	M50A	OOOOOX	OOOOOX				Yes	Default			None
51	M51C						Yes	** NA **			None
52	M52A						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56		BenPIN				Yes	** NA **			None
57	M57						Yes				None
58	M58A		BenPIN				Yes	** NA **			None
59	M59A						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61		BenPIN				Yes	** NA **			None
62	M62						Yes				None
63	M63		BenPIN				Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67	OOOOOX	OOOOOX				Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes				None
71	M71						Yes	Default			None
72	M72						Yes	Default			None
73	M73						Yes	Default			None
74	M74	OOOOOX	OOOOOX				Yes	Default			None
75	M75	OOOOOX	OOOOOX				Yes	Default			None
76	M76A						Yes	** NA **			None
77	M77A						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81		BenPIN				Yes	** NA **			None
82	M82						Yes	** NA **			None
83	M83A		BenPIN				Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86		BenPIN				Yes	** NA **			None
87	M87						Yes	** NA **			None
88	M88A		BenPIN				Yes	** NA **			None
89	M89						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	M91A						Yes	** NA **			None
92	M92A	OOOOOX	OOOOOX				Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97		OOOOOO				Yes	** NA **			None
98	M98		OOOOOO				Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100A		OOOOOO				Yes	** NA **			None
101	M101A		OOOOOO				Yes	** NA **			None
102	M102A						Yes	** NA **			None
103	M103A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset(in)	J Offset(in)	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
104	M104A						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	MP3C						Yes	** NA **			None
108	MP5C						Yes	** NA **			None
109	MP2C						Yes	** NA **			None
110	MP1C						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113A						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	MP3B						Yes	** NA **			None
120	MP5B						Yes	** NA **			None
121	MP2B						Yes	** NA **			None
122	MP1B						Yes	** NA **			None
123	M123A						Yes	** NA **			None
124	M124						Yes	** NA **			None
125	M125						Yes	** NA **			None
126	M126						Yes	** NA **			None
127	M130						Yes	** NA **			None
128	M131A						Yes	** NA **			None
129	MP4C						Yes	** NA **			None
130	M133						Yes	** NA **			None
131	M134						Yes	** NA **			None
132	MP4B						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-84.4	4
2	MP2A	My	.042	4
3	MP2A	Mz	0	4
4	MP2B	Y	-84.4	4
5	MP2B	My	-.032	4
6	MP2B	Mz	.027	4
7	MP2C	Y	-84.4	4
8	MP2C	My	-.014	4
9	MP2C	Mz	-.04	4
10	MP3A	Y	-70.3	4
11	MP3A	My	.035	4
12	MP3A	Mz	0	4
13	MP3B	Y	-70.3	4
14	MP3B	My	-.027	4
15	MP3B	Mz	.023	4
16	MP3C	Y	-70.3	4
17	MP3C	My	-.012	4
18	MP3C	Mz	-.033	4
19	MP4B	Y	-26.9	1
20	MP4B	My	-.01	1
21	MP4B	Mz	.009	1
22	MP4C	Y	-26.9	1
23	MP4C	My	-.005	1
24	MP4C	Mz	-.013	1
25	MP1A	Y	-20	1.75

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

	Member Label	Direction	Magnitude [lb.k-ft]	Location [ft. %]
26	MP1A	My	-.01	1.75
27	MP1A	Mz	0	1.75
28	MP1A	Y	-20	5.5
29	MP1A	My	-.01	5.5
30	MP1A	Mz	0	5.5
31	MP1B	Y	-20	1.75
32	MP1B	My	.008	1.75
33	MP1B	Mz	-.006	1.75
34	MP1B	Y	-20	5.5
35	MP1B	My	.008	5.5
36	MP1B	Mz	-.006	5.5
37	MP1C	Y	-20	1.75
38	MP1C	My	.003	1.75
39	MP1C	Mz	.009	1.75
40	MP1C	Y	-20	5.5
41	MP1C	My	.003	5.5
42	MP1C	Mz	.009	5.5
43	MP3A	Y	-17.6	1
44	MP3A	My	-.009	1
45	MP3A	Mz	0	1
46	MP3B	Y	-17.6	1
47	MP3B	My	.007	1
48	MP3B	Mz	-.006	1
49	MP3C	Y	-17.6	1
50	MP3C	My	.003	1
51	MP3C	Mz	.008	1
52	MP3A	Y	-17.6	1
53	MP3A	My	-.009	1
54	MP3A	Mz	0	1
55	MP3B	Y	-17.6	1
56	MP3B	My	.007	1
57	MP3B	Mz	-.006	1
58	MP3C	Y	-17.6	1
59	MP3C	My	.003	1
60	MP3C	Mz	.008	1
61	MP3A	Y	-31.65	1
62	MP3A	My	-.016	1
63	MP3A	Mz	.021	1
64	MP3A	Y	-31.65	5
65	MP3A	My	-.016	5
66	MP3A	Mz	.021	5
67	MP3B	Y	-31.65	1
68	MP3B	My	-.001	1
69	MP3B	Mz	-.026	1
70	MP3B	Y	-31.65	5
71	MP3B	My	-.001	5
72	MP3B	Mz	-.026	5
73	MP3C	Y	-31.65	1
74	MP3C	My	.025	1
75	MP3C	Mz	.008	1
76	MP3C	Y	-31.65	5
77	MP3C	My	.025	5
78	MP3C	Mz	.008	5
79	MP3A	Y	-31.65	1
80	MP3A	My	-.016	1
81	MP3A	Mz	-.021	1
82	MP3A	Y	-31.65	5
83	MP3A	My	-.016	5
84	MP3A	Mz	-.021	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	Y	-31.65	1
86	MP3B	My	.026	1
87	MP3B	Mz	.006	1
88	MP3B	Y	-31.65	5
89	MP3B	My	.026	5
90	MP3B	Mz	.006	5
91	MP3C	Y	-31.65	1
92	MP3C	My	-.014	1
93	MP3C	Mz	.022	1
94	MP3C	Y	-31.65	5
95	MP3C	My	-.014	5
96	MP3C	Mz	.022	5
97	MP4A	Y	-43.55	2
98	MP4A	My	-.022	2
99	MP4A	Mz	0	2
100	MP4A	Y	-43.55	4
101	MP4A	My	-.022	4
102	MP4A	Mz	0	4
103	MP5B	Y	-43.55	2
104	MP5B	My	.017	2
105	MP5B	Mz	-.014	2
106	MP5B	Y	-43.55	4
107	MP5B	My	.017	4
108	MP5B	Mz	-.014	4
109	MP5C	Y	-43.55	2
110	MP5C	My	.007	2
111	MP5C	Mz	.02	2
112	MP5C	Y	-43.55	4
113	MP5C	My	.007	4
114	MP5C	Mz	.02	4

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP2A	Y	-44.667	4
2	MP2A	My	.022	4
3	MP2A	Mz	0	4
4	MP2B	Y	-44.667	4
5	MP2B	My	-.017	4
6	MP2B	Mz	.014	4
7	MP2C	Y	-44.667	4
8	MP2C	My	-.008	4
9	MP2C	Mz	-.021	4
10	MP3A	Y	-40.168	4
11	MP3A	My	.02	4
12	MP3A	Mz	0	4
13	MP3B	Y	-40.168	4
14	MP3B	My	-.015	4
15	MP3B	Mz	.013	4
16	MP3C	Y	-40.168	4
17	MP3C	My	-.007	4
18	MP3C	Mz	-.019	4
19	MP4B	Y	-55.005	1
20	MP4B	My	-.021	1
21	MP4B	Mz	.018	1
22	MP4C	Y	-55.005	1
23	MP4C	My	-.009	1
24	MP4C	Mz	-.026	1
25	MP1A	Y	-60.751	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	My	-.03	1.75
27	MP1A	Mz	0	1.75
28	MP1A	Y	-60.751	5.5
29	MP1A	My	-.03	5.5
30	MP1A	Mz	0	5.5
31	MP1B	Y	-60.751	1.75
32	MP1B	My	.023	1.75
33	MP1B	Mz	-.02	1.75
34	MP1B	Y	-60.751	5.5
35	MP1B	My	.023	5.5
36	MP1B	Mz	-.02	5.5
37	MP1C	Y	-60.751	1.75
38	MP1C	My	.01	1.75
39	MP1C	Mz	.029	1.75
40	MP1C	Y	-60.751	5.5
41	MP1C	My	.01	5.5
42	MP1C	Mz	.029	5.5
43	MP3A	Y	-17.249	1
44	MP3A	My	-.009	1
45	MP3A	Mz	0	1
46	MP3B	Y	-17.249	1
47	MP3B	My	.007	1
48	MP3B	Mz	-.006	1
49	MP3C	Y	-17.249	1
50	MP3C	My	.003	1
51	MP3C	Mz	.008	1
52	MP3A	Y	-17.249	1
53	MP3A	My	-.009	1
54	MP3A	Mz	0	1
55	MP3B	Y	-17.249	1
56	MP3B	My	.007	1
57	MP3B	Mz	-.006	1
58	MP3C	Y	-17.249	1
59	MP3C	My	.003	1
60	MP3C	Mz	.008	1
61	MP3A	Y	-69.596	1
62	MP3A	My	-.035	1
63	MP3A	Mz	.046	1
64	MP3A	Y	-69.596	5
65	MP3A	My	-.035	5
66	MP3A	Mz	.046	5
67	MP3B	Y	-69.596	1
68	MP3B	My	-.003	1
69	MP3B	Mz	-.058	1
70	MP3B	Y	-69.596	5
71	MP3B	My	-.003	5
72	MP3B	Mz	-.058	5
73	MP3C	Y	-69.596	1
74	MP3C	My	.056	1
75	MP3C	Mz	.017	1
76	MP3C	Y	-69.596	5
77	MP3C	My	.056	5
78	MP3C	Mz	.017	5
79	MP3A	Y	-69.596	1
80	MP3A	My	-.035	1
81	MP3A	Mz	-.046	1
82	MP3A	Y	-69.596	5
83	MP3A	My	-.035	5
84	MP3A	Mz	-.046	5



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

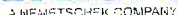
Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
26	MP1A	Z	-90.78	1.75
27	MP1A	Mx	0	1.75
28	MP1A	X	0	5.5
29	MP1A	Z	-90.78	5.5
30	MP1A	Mx	0	5.5
31	MP1B	X	0	1.75
32	MP1B	Z	-69.405	1.75
33	MP1B	Mx	.022	1.75
34	MP1B	X	0	5.5
35	MP1B	Z	-69.405	5.5
36	MP1B	Mx	.022	5.5
37	MP1C	X	0	1.75
38	MP1C	Z	-45.099	1.75
39	MP1C	Mx	-.021	1.75
40	MP1C	X	0	5.5
41	MP1C	Z	-45.099	5.5
42	MP1C	Mx	-.021	5.5
43	MP3A	X	0	1
44	MP3A	Z	-31.633	1
45	MP3A	Mx	0	1
46	MP3B	X	0	1
47	MP3B	Z	-22.527	1
48	MP3B	Mx	.007	1
49	MP3C	X	0	1
50	MP3C	Z	-12.173	1
51	MP3C	Mx	-.006	1
52	MP3A	X	0	1
53	MP3A	Z	-31.633	1
54	MP3A	Mx	0	1
55	MP3B	X	0	1
56	MP3B	Z	-22.527	1
57	MP3B	Mx	.007	1
58	MP3C	X	0	1
59	MP3C	Z	-12.173	1
60	MP3C	Mx	-.006	1
61	MP3A	X	0	1
62	MP3A	Z	-150.092	1
63	MP3A	Mx	-.1	1
64	MP3A	X	0	5
65	MP3A	Z	-150.092	5
66	MP3A	Mx	-.1	5
67	MP3B	X	0	1
68	MP3B	Z	-128.808	1
69	MP3B	Mx	.107	1
70	MP3B	X	0	5
71	MP3B	Z	-128.808	5
72	MP3B	Mx	.107	5
73	MP3C	X	0	1
74	MP3C	Z	-104.605	1
75	MP3C	Mx	-.025	1
76	MP3C	X	0	5
77	MP3C	Z	-104.605	5
78	MP3C	Mx	-.025	5
79	MP3A	X	0	1
80	MP3A	Z	-150.092	1
81	MP3A	Mx	.1	1
82	MP3A	X	0	5
83	MP3A	Z	-150.092	5
84	MP3A	Mx	.1	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	0	1
86	MP3B	Z	-128.808	1
87	MP3B	Mx	-.024	1
88	MP3B	X	0	5
89	MP3B	Z	-128.808	5
90	MP3B	Mx	-.024	5
91	MP3C	X	0	1
92	MP3C	Z	-104.605	1
93	MP3C	Mx	-.073	1
94	MP3C	X	0	5
95	MP3C	Z	-104.605	5
96	MP3C	Mx	-.073	5
97	MP4A	X	0	2
98	MP4A	Z	-64.584	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	-64.584	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	-47.089	2
105	MP5B	Mx	.015	2
106	MP5B	X	0	4
107	MP5B	Z	-47.089	4
108	MP5B	Mx	.015	4
109	MP5C	X	0	2
110	MP5C	Z	-27.195	2
111	MP5C	Mx	-.013	2
112	MP5C	X	0	4
113	MP5C	Z	-27.195	4
114	MP5C	Mx	-.013	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	23.436	4
2	MP2A	Z	-40.593	4
3	MP2A	Mx	.012	4
4	MP2B	X	18.118	4
5	MP2B	Z	-31.38	4
6	MP2B	Mx	-.017	4
7	MP2C	X	22.065	4
8	MP2C	Z	-38.218	4
9	MP2C	Mx	.014	4
10	MP3A	X	22.654	4
11	MP3A	Z	-39.238	4
12	MP3A	Mx	.011	4
13	MP3B	X	15.353	4
14	MP3B	Z	-26.593	4
15	MP3B	Mx	-.014	4
16	MP3C	X	20.772	4
17	MP3C	Z	-35.978	4
18	MP3C	Mx	.013	4
19	MP4B	X	28.437	1
20	MP4B	Z	-49.255	1
21	MP4B	Mx	-.027	1
22	MP4C	X	35.222	1
23	MP4C	Z	-61.007	1
24	MP4C	Mx	.023	1
25	MP1A	X	38.924	1.75



Company :
Designer :
Job Number :
Model Name :

July 17, 2023
10:27 AM
Checked By: _____

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

Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]	
26	MP1A	Z	-67.418	1.75
27	MP1A	Mx	-.019	1.75
28	MP1A	X	38.924	5.5
29	MP1A	Z	-67.418	5.5
30	MP1A	Mx	-.019	5.5
31	MP1B	X	22.549	1.75
32	MP1B	Z	-39.057	1.75
33	MP1B	Mx	.021	1.75
34	MP1B	X	22.549	5.5
35	MP1B	Z	-39.057	5.5
36	MP1B	Mx	.021	5.5
37	MP1C	X	34.703	1.75
38	MP1C	Z	-60.107	1.75
39	MP1C	Mx	-.022	1.75
40	MP1C	X	34.703	5.5
41	MP1C	Z	-60.107	5.5
42	MP1C	Mx	-.022	5.5
43	MP3A	X	13.062	1
44	MP3A	Z	-22.624	1
45	MP3A	Mx	-.007	1
46	MP3B	X	6.086	1
47	MP3B	Z	-10.542	1
48	MP3B	Mx	.006	1
49	MP3C	X	11.264	1
50	MP3C	Z	-19.509	1
51	MP3C	Mx	-.007	1
52	MP3A	X	13.062	1
53	MP3A	Z	-22.624	1
54	MP3A	Mx	-.007	1
55	MP3B	X	6.086	1
56	MP3B	Z	-10.542	1
57	MP3B	Mx	.006	1
58	MP3C	X	11.264	1
59	MP3C	Z	-19.509	1
60	MP3C	Mx	-.007	1
61	MP3A	X	68.607	1
62	MP3A	Z	-118.831	1
63	MP3A	Mx	-.114	1
64	MP3A	X	68.607	5
65	MP3A	Z	-118.831	5
66	MP3A	Mx	-.114	5
67	MP3B	X	52.302	1
68	MP3B	Z	-90.59	1
69	MP3B	Mx	.073	1
70	MP3B	X	52.302	5
71	MP3B	Z	-90.59	5
72	MP3B	Mx	.073	5
73	MP3C	X	64.404	1
74	MP3C	Z	-111.551	1
75	MP3C	Mx	.024	1
76	MP3C	X	64.404	5
77	MP3C	Z	-111.551	5
78	MP3C	Mx	.024	5
79	MP3A	X	68.607	1
80	MP3A	Z	-118.831	1
81	MP3A	Mx	.045	1
82	MP3A	X	68.607	5
83	MP3A	Z	-118.831	5
84	MP3A	Mx	.045	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	52.302	1
86	MP3B	Z	-90.59	1
87	MP3B	Mx	.025	1
88	MP3B	X	52.302	5
89	MP3B	Z	-90.59	5
90	MP3B	Mx	.025	5
91	MP3C	X	64.404	1
92	MP3C	Z	-111.551	1
93	MP3C	Mx	-.107	1
94	MP3C	X	64.404	5
95	MP3C	Z	-111.551	5
96	MP3C	Mx	-.107	5
97	MP4A	X	26.999	2
98	MP4A	Z	-46.764	2
99	MP4A	Mx	-.013	2
100	MP4A	X	26.999	4
101	MP4A	Z	-46.764	4
102	MP4A	Mx	-.013	4
103	MP5B	X	13.598	2
104	MP5B	Z	-23.552	2
105	MP5B	Mx	.013	2
106	MP5B	X	13.598	4
107	MP5B	Z	-23.552	4
108	MP5B	Mx	.013	4
109	MP5C	X	23.545	2
110	MP5C	Z	-40.781	2
111	MP5C	Mx	-.015	2
112	MP5C	X	23.545	4
113	MP5C	Z	-40.781	4
114	MP5C	Mx	-.015	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	33.316	4
2	MP2A	Z	-19.235	4
3	MP2A	Mx	.017	4
4	MP2B	X	30.117	4
5	MP2B	Z	-17.388	4
6	MP2B	Mx	-.017	4
7	MP2C	X	43.793	4
8	MP2C	Z	-25.284	4
9	MP2C	Mx	.004	4
10	MP3A	X	29.25	4
11	MP3A	Z	-16.887	4
12	MP3A	Mx	.015	4
13	MP3B	X	24.858	4
14	MP3B	Z	-14.352	4
15	MP3B	Mx	-.014	4
16	MP3C	X	43.629	4
17	MP3C	Z	-25.189	4
18	MP3C	Mx	.004	4
19	MP4B	X	47.083	1
20	MP4B	Z	-27.184	1
21	MP4B	Mx	-.027	1
22	MP4C	X	70.587	1
23	MP4C	Z	-40.753	1
24	MP4C	Mx	.007	1
25	MP1A	X	45.016	1.75

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

	Member Label	Direction	Magnitude(lb.k-ft)	Location(ft, %)
26	MP1A	Z	-25.99	1.75
27	MP1A	Mx	-.023	1.75
28	MP1A	X	45.016	5.5
29	MP1A	Z	-25.99	5.5
30	MP1A	Mx	-.023	5.5
31	MP1B	X	35.167	1.75
32	MP1B	Z	-20.304	1.75
33	MP1B	Mx	.02	1.75
34	MP1B	X	35.167	5.5
35	MP1B	Z	-20.304	5.5
36	MP1B	Mx	.02	5.5
37	MP1C	X	77.267	1.75
38	MP1C	Z	-44.61	1.75
39	MP1C	Mx	-.008	1.75
40	MP1C	X	77.267	5.5
41	MP1C	Z	-44.61	5.5
42	MP1C	Mx	-.008	5.5
43	MP3A	X	13.081	1
44	MP3A	Z	-7.552	1
45	MP3A	Mx	-.007	1
46	MP3B	X	8.885	1
47	MP3B	Z	-5.13	1
48	MP3B	Mx	.005	1
49	MP3C	X	26.82	1
50	MP3C	Z	-15.484	1
51	MP3C	Mx	-.003	1
52	MP3A	X	13.081	1
53	MP3A	Z	-7.552	1
54	MP3A	Mx	-.007	1
55	MP3B	X	8.885	1
56	MP3B	Z	-5.13	1
57	MP3B	Mx	.005	1
58	MP3C	X	26.82	1
59	MP3C	Z	-15.484	1
60	MP3C	Mx	-.003	1
61	MP3A	X	96.525	1
62	MP3A	Z	-55.729	1
63	MP3A	Mx	-.085	1
64	MP3A	X	96.525	5
65	MP3A	Z	-55.729	5
66	MP3A	Mx	-.085	5
67	MP3B	X	86.717	1
68	MP3B	Z	-50.066	1
69	MP3B	Mx	.038	1
70	MP3B	X	86.717	5
71	MP3B	Z	-50.066	5
72	MP3B	Mx	.038	5
73	MP3C	X	128.639	1
74	MP3C	Z	-74.27	1
75	MP3C	Mx	.085	1
76	MP3C	X	128.639	5
77	MP3C	Z	-74.27	5
78	MP3C	Mx	.085	5
79	MP3A	X	96.525	1
80	MP3A	Z	-55.729	1
81	MP3A	Mx	-.011	1
82	MP3A	X	96.525	5
83	MP3A	Z	-55.729	5
84	MP3A	Mx	-.011	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	86.717	1
86	MP3B	Z	-50.066	1
87	MP3B	Mx	.061	1
88	MP3B	X	86.717	5
89	MP3B	Z	-50.066	5
90	MP3B	Mx	.061	5
91	MP3C	X	128.639	1
92	MP3C	Z	-74.27	1
93	MP3C	Mx	-.11	1
94	MP3C	X	128.639	5
95	MP3C	Z	-74.27	5
96	MP3C	Mx	-.11	5
97	MP4A	X	28.43	2
98	MP4A	Z	-16.414	2
99	MP4A	Mx	-.014	2
100	MP4A	X	28.43	4
101	MP4A	Z	-16.414	4
102	MP4A	Mx	-.014	4
103	MP5B	X	20.368	2
104	MP5B	Z	-11.759	2
105	MP5B	Mx	.012	2
106	MP5B	X	20.368	4
107	MP5B	Z	-11.759	4
108	MP5B	Mx	.012	4
109	MP5C	X	54.826	2
110	MP5C	Z	-31.654	2
111	MP5C	Mx	-.005	2
112	MP5C	X	54.826	4
113	MP5C	Z	-31.654	4
114	MP5C	Mx	-.005	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	34.269	4
2	MP2A	Z	0	4
3	MP2A	Mx	.017	4
4	MP2B	X	41.213	4
5	MP2B	Z	0	4
6	MP2B	Mx	-.016	4
7	MP2C	X	49.108	4
8	MP2C	Z	0	4
9	MP2C	Mx	-.008	4
10	MP3A	X	28.008	4
11	MP3A	Z	0	4
12	MP3A	Mx	.014	4
13	MP3B	X	37.539	4
14	MP3B	Z	0	4
15	MP3B	Mx	-.014	4
16	MP3C	X	48.376	4
17	MP3C	Z	0	4
18	MP3C	Mx	-.008	4
19	MP4B	X	65.429	1
20	MP4B	Z	0	1
21	MP4B	Mx	-.025	1
22	MP4C	X	78.999	1
23	MP4C	Z	0	1
24	MP4C	Mx	-.014	1
25	MP1A	X	39.047	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	0	1.75
27	MP1A	Mx	-.02	1.75
28	MP1A	X	39.047	5.5
29	MP1A	Z	0	5.5
30	MP1A	Mx	-.02	5.5
31	MP1B	X	60.422	1.75
32	MP1B	Z	0	1.75
33	MP1B	Mx	.023	1.75
34	MP1B	X	60.422	5.5
35	MP1B	Z	0	5.5
36	MP1B	Mx	.023	5.5
37	MP1C	X	84.729	1.75
38	MP1C	Z	0	1.75
39	MP1C	Mx	.014	1.75
40	MP1C	X	84.729	5.5
41	MP1C	Z	0	5.5
42	MP1C	Mx	.014	5.5
43	MP3A	X	9.594	1
44	MP3A	Z	0	1
45	MP3A	Mx	-.005	1
46	MP3B	X	18.7	1
47	MP3B	Z	0	1
48	MP3B	Mx	.007	1
49	MP3C	X	29.055	1
50	MP3C	Z	0	1
51	MP3C	Mx	.005	1
52	MP3A	X	9.594	1
53	MP3A	Z	0	1
54	MP3A	Mx	-.005	1
55	MP3B	X	18.7	1
56	MP3B	Z	0	1
57	MP3B	Mx	.007	1
58	MP3C	X	29.055	1
59	MP3C	Z	0	1
60	MP3C	Mx	.005	1
61	MP3A	X	98.579	1
62	MP3A	Z	0	1
63	MP3A	Mx	-.049	1
64	MP3A	X	98.579	5
65	MP3A	Z	0	5
66	MP3A	Mx	-.049	5
67	MP3B	X	119.863	1
68	MP3B	Z	0	1
69	MP3B	Mx	-.005	1
70	MP3B	X	119.863	5
71	MP3B	Z	0	5
72	MP3B	Mx	-.005	5
73	MP3C	X	144.066	1
74	MP3C	Z	0	1
75	MP3C	Mx	.115	1
76	MP3C	X	144.066	5
77	MP3C	Z	0	5
78	MP3C	Mx	.115	5
79	MP3A	X	98.579	1
80	MP3A	Z	0	1
81	MP3A	Mx	-.049	1
82	MP3A	X	98.579	5
83	MP3A	Z	0	5
84	MP3A	Mx	-.049	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	119.863	1
86	MP3B	Z	0	1
87	MP3B	Mx	.097	1
88	MP3B	X	119.863	5
89	MP3B	Z	0	5
90	MP3B	Mx	.097	5
91	MP3C	X	144.066	1
92	MP3C	Z	0	1
93	MP3C	Mx	-.066	1
94	MP3C	X	144.066	5
95	MP3C	Z	0	5
96	MP3C	Mx	-.066	5
97	MP4A	X	22.242	2
98	MP4A	Z	0	2
99	MP4A	Mx	-.011	2
100	MP4A	X	22.242	4
101	MP4A	Z	0	4
102	MP4A	Mx	-.011	4
103	MP5B	X	39.737	2
104	MP5B	Z	0	2
105	MP5B	Mx	.015	2
106	MP5B	X	39.737	4
107	MP5B	Z	0	4
108	MP5B	Mx	.015	4
109	MP5C	X	59.631	2
110	MP5C	Z	0	2
111	MP5C	Mx	.01	2
112	MP5C	X	59.631	4
113	MP5C	Z	0	4
114	MP5C	Mx	.01	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	33.316	4
2	MP2A	Z	19.235	4
3	MP2A	Mx	.017	4
4	MP2B	X	42.529	4
5	MP2B	Z	24.554	4
6	MP2B	Mx	-.008	4
7	MP2C	X	35.691	4
8	MP2C	Z	20.606	4
9	MP2C	Mx	-.016	4
10	MP3A	X	29.25	4
11	MP3A	Z	16.887	4
12	MP3A	Mx	.015	4
13	MP3B	X	41.895	4
14	MP3B	Z	24.188	4
15	MP3B	Mx	-.008	4
16	MP3C	X	32.509	4
17	MP3C	Z	18.769	4
18	MP3C	Mx	-.014	4
19	MP4B	X	68.415	1
20	MP4B	Z	39.5	1
21	MP4B	Mx	-.014	1
22	MP4C	X	56.664	1
23	MP4C	Z	32.715	1
24	MP4C	Mx	-.025	1
25	MP1A	X	45.016	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	25.99	1.75
27	MP1A	Mx	-.023	1.75
28	MP1A	X	45.016	5.5
29	MP1A	Z	25.99	5.5
30	MP1A	Mx	-.023	5.5
31	MP1B	X	73.377	1.75
32	MP1B	Z	42.364	1.75
33	MP1B	Mx	.014	1.75
34	MP1B	X	73.377	5.5
35	MP1B	Z	42.364	5.5
36	MP1B	Mx	.014	5.5
37	MP1C	X	52.327	1.75
38	MP1C	Z	30.211	1.75
39	MP1C	Mx	.023	1.75
40	MP1C	X	52.327	5.5
41	MP1C	Z	30.211	5.5
42	MP1C	Mx	.023	5.5
43	MP3A	X	13.081	1
44	MP3A	Z	7.552	1
45	MP3A	Mx	-.007	1
46	MP3B	X	25.162	1
47	MP3B	Z	14.528	1
48	MP3B	Mx	.005	1
49	MP3C	X	16.195	1
50	MP3C	Z	9.35	1
51	MP3C	Mx	.007	1
52	MP3A	X	13.081	1
53	MP3A	Z	7.552	1
54	MP3A	Mx	-.007	1
55	MP3B	X	25.162	1
56	MP3B	Z	14.528	1
57	MP3B	Mx	.005	1
58	MP3C	X	16.195	1
59	MP3C	Z	9.35	1
60	MP3C	Mx	.007	1
61	MP3A	X	96.525	1
62	MP3A	Z	55.729	1
63	MP3A	Mx	-.011	1
64	MP3A	X	96.525	5
65	MP3A	Z	55.729	5
66	MP3A	Mx	-.011	5
67	MP3B	X	124.765	1
68	MP3B	Z	72.033	1
69	MP3B	Mx	-.066	1
70	MP3B	X	124.765	5
71	MP3B	Z	72.033	5
72	MP3B	Mx	-.066	5
73	MP3C	X	103.804	1
74	MP3C	Z	59.932	1
75	MP3C	Mx	.097	1
76	MP3C	X	103.804	5
77	MP3C	Z	59.932	5
78	MP3C	Mx	.097	5
79	MP3A	X	96.525	1
80	MP3A	Z	55.729	1
81	MP3A	Mx	-.085	1
82	MP3A	X	96.525	5
83	MP3A	Z	55.729	5
84	MP3A	Mx	-.085	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	124.765	1
86	MP3B	Z	72.033	1
87	MP3B	Mx	.115	1
88	MP3B	X	124.765	5
89	MP3B	Z	72.033	5
90	MP3B	Mx	.115	5
91	MP3C	X	103.804	1
92	MP3C	Z	59.932	1
93	MP3C	Mx	-.005	1
94	MP3C	X	103.804	5
95	MP3C	Z	59.932	5
96	MP3C	Mx	-.005	5
97	MP4A	X	28.43	2
98	MP4A	Z	16.414	2
99	MP4A	Mx	-.014	2
100	MP4A	X	28.43	4
101	MP4A	Z	16.414	4
102	MP4A	Mx	-.014	4
103	MP5B	X	51.642	2
104	MP5B	Z	29.816	2
105	MP5B	Mx	.01	2
106	MP5B	X	51.642	4
107	MP5B	Z	29.816	4
108	MP5B	Mx	.01	4
109	MP5C	X	34.413	2
110	MP5C	Z	19.868	2
111	MP5C	Mx	.015	2
112	MP5C	X	34.413	4
113	MP5C	Z	19.868	4
114	MP5C	Mx	.015	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	23.436	4
2	MP2A	Z	40.593	4
3	MP2A	Mx	.012	4
4	MP2B	X	25.284	4
5	MP2B	Z	43.793	4
6	MP2B	Mx	.004	4
7	MP2C	X	17.388	4
8	MP2C	Z	30.117	4
9	MP2C	Mx	-.017	4
10	MP3A	X	22.654	4
11	MP3A	Z	39.238	4
12	MP3A	Mx	.011	4
13	MP3B	X	25.189	4
14	MP3B	Z	43.629	4
15	MP3B	Mx	.004	4
16	MP3C	X	14.352	4
17	MP3C	Z	24.858	4
18	MP3C	Mx	-.014	4
19	MP4B	X	40.753	1
20	MP4B	Z	70.587	1
21	MP4B	Mx	.007	1
22	MP4C	X	27.184	1
23	MP4C	Z	47.083	1
24	MP4C	Mx	-.027	1
25	MP1A	X	38.924	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	67.418	1.75
27	MP1A	Mx	-.019	1.75
28	MP1A	X	38.924	5.5
29	MP1A	Z	67.418	5.5
30	MP1A	Mx	-.019	5.5
31	MP1B	X	44.61	1.75
32	MP1B	Z	77.267	1.75
33	MP1B	Mx	-.008	1.75
34	MP1B	X	44.61	5.5
35	MP1B	Z	77.267	5.5
36	MP1B	Mx	-.008	5.5
37	MP1C	X	20.304	1.75
38	MP1C	Z	35.167	1.75
39	MP1C	Mx	.02	1.75
40	MP1C	X	20.304	5.5
41	MP1C	Z	35.167	5.5
42	MP1C	Mx	.02	5.5
43	MP3A	X	13.062	1
44	MP3A	Z	22.624	1
45	MP3A	Mx	-.007	1
46	MP3B	X	15.484	1
47	MP3B	Z	26.82	1
48	MP3B	Mx	-.003	1
49	MP3C	X	5.13	1
50	MP3C	Z	8.885	1
51	MP3C	Mx	.005	1
52	MP3A	X	13.062	1
53	MP3A	Z	22.624	1
54	MP3A	Mx	-.007	1
55	MP3B	X	15.484	1
56	MP3B	Z	26.82	1
57	MP3B	Mx	-.003	1
58	MP3C	X	5.13	1
59	MP3C	Z	8.885	1
60	MP3C	Mx	.005	1
61	MP3A	X	68.607	1
62	MP3A	Z	118.831	1
63	MP3A	Mx	.045	1
64	MP3A	X	68.607	5
65	MP3A	Z	118.831	5
66	MP3A	Mx	.045	5
67	MP3B	X	74.27	1
68	MP3B	Z	128.639	1
69	MP3B	Mx	-.11	1
70	MP3B	X	74.27	5
71	MP3B	Z	128.639	5
72	MP3B	Mx	-.11	5
73	MP3C	X	50.066	1
74	MP3C	Z	86.717	1
75	MP3C	Mx	.061	1
76	MP3C	X	50.066	5
77	MP3C	Z	86.717	5
78	MP3C	Mx	.061	5
79	MP3A	X	68.607	1
80	MP3A	Z	118.831	1
81	MP3A	Mx	-.114	1
82	MP3A	X	68.607	5
83	MP3A	Z	118.831	5
84	MP3A	Mx	-.114	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
85	MP3B	X	74.27	1
86	MP3B	Z	128.639	1
87	MP3B	Mx	.085	1
88	MP3B	X	74.27	5
89	MP3B	Z	128.639	5
90	MP3B	Mx	.085	5
91	MP3C	X	50.066	1
92	MP3C	Z	86.717	1
93	MP3C	Mx	.038	1
94	MP3C	X	50.066	5
95	MP3C	Z	86.717	5
96	MP3C	Mx	.038	5
97	MP4A	X	26.999	2
98	MP4A	Z	46.764	2
99	MP4A	Mx	-.013	2
100	MP4A	X	26.999	4
101	MP4A	Z	46.764	4
102	MP4A	Mx	-.013	4
103	MP5B	X	31.654	2
104	MP5B	Z	54.826	2
105	MP5B	Mx	-.005	2
106	MP5B	X	31.654	4
107	MP5B	Z	54.826	4
108	MP5B	Mx	-.005	4
109	MP5C	X	11.759	2
110	MP5C	Z	20.368	2
111	MP5C	Mx	.012	2
112	MP5C	X	11.759	4
113	MP5C	Z	20.368	4
114	MP5C	Mx	.012	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
1	MP2A	X	0	4
2	MP2A	Z	51.074	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	44.131	4
6	MP2B	Mx	.014	4
7	MP2C	X	0	4
8	MP2C	Z	36.235	4
9	MP2C	Mx	-.017	4
10	MP3A	X	0	4
11	MP3A	Z	51.074	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	41.544	4
15	MP3B	Mx	.013	4
16	MP3C	X	0	4
17	MP3C	Z	30.707	4
18	MP3C	Mx	-.014	4
19	MP4B	X	0	1
20	MP4B	Z	70.445	1
21	MP4B	Mx	.023	1
22	MP4C	X	0	1
23	MP4C	Z	56.875	1
24	MP4C	Mx	-.027	1
25	MP1A	X	0	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	90.78	1.75
27	MP1A	Mx	0	1.75
28	MP1A	X	0	5.5
29	MP1A	Z	90.78	5.5
30	MP1A	Mx	0	5.5
31	MP1B	X	0	1.75
32	MP1B	Z	69.405	1.75
33	MP1B	Mx	-.022	1.75
34	MP1B	X	0	5.5
35	MP1B	Z	69.405	5.5
36	MP1B	Mx	-.022	5.5
37	MP1C	X	0	1.75
38	MP1C	Z	45.099	1.75
39	MP1C	Mx	.021	1.75
40	MP1C	X	0	5.5
41	MP1C	Z	45.099	5.5
42	MP1C	Mx	.021	5.5
43	MP3A	X	0	1
44	MP3A	Z	31.633	1
45	MP3A	Mx	0	1
46	MP3B	X	0	1
47	MP3B	Z	22.527	1
48	MP3B	Mx	-.007	1
49	MP3C	X	0	1
50	MP3C	Z	12.173	1
51	MP3C	Mx	.006	1
52	MP3A	X	0	1
53	MP3A	Z	31.633	1
54	MP3A	Mx	0	1
55	MP3B	X	0	1
56	MP3B	Z	22.527	1
57	MP3B	Mx	-.007	1
58	MP3C	X	0	1
59	MP3C	Z	12.173	1
60	MP3C	Mx	.006	1
61	MP3A	X	0	1
62	MP3A	Z	150.092	1
63	MP3A	Mx	.1	1
64	MP3A	X	0	5
65	MP3A	Z	150.092	5
66	MP3A	Mx	.1	5
67	MP3B	X	0	1
68	MP3B	Z	128.808	1
69	MP3B	Mx	-.107	1
70	MP3B	X	0	5
71	MP3B	Z	128.808	5
72	MP3B	Mx	-.107	5
73	MP3C	X	0	1
74	MP3C	Z	104.605	1
75	MP3C	Mx	.025	1
76	MP3C	X	0	5
77	MP3C	Z	104.605	5
78	MP3C	Mx	.025	5
79	MP3A	X	0	1
80	MP3A	Z	150.092	1
81	MP3A	Mx	-.1	1
82	MP3A	X	0	5
83	MP3A	Z	150.092	5
84	MP3A	Mx	-.1	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	0	1
86	MP3B	Z	128.808	1
87	MP3B	Mx	.024	1
88	MP3B	X	0	5
89	MP3B	Z	128.808	5
90	MP3B	Mx	.024	5
91	MP3C	X	0	1
92	MP3C	Z	104.605	1
93	MP3C	Mx	.073	1
94	MP3C	X	0	5
95	MP3C	Z	104.605	5
96	MP3C	Mx	.073	5
97	MP4A	X	0	2
98	MP4A	Z	64.584	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	64.584	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	47.089	2
105	MP5B	Mx	-.015	2
106	MP5B	X	0	4
107	MP5B	Z	47.089	4
108	MP5B	Mx	-.015	4
109	MP5C	X	0	2
110	MP5C	Z	27.195	2
111	MP5C	Mx	.013	2
112	MP5C	X	0	4
113	MP5C	Z	27.195	4
114	MP5C	Mx	.013	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-23.436	4
2	MP2A	Z	40.593	4
3	MP2A	Mx	-.012	4
4	MP2B	X	-18.118	4
5	MP2B	Z	31.38	4
6	MP2B	Mx	.017	4
7	MP2C	X	-22.065	4
8	MP2C	Z	38.218	4
9	MP2C	Mx	-.014	4
10	MP3A	X	-22.654	4
11	MP3A	Z	39.238	4
12	MP3A	Mx	-.011	4
13	MP3B	X	-15.353	4
14	MP3B	Z	26.593	4
15	MP3B	Mx	.014	4
16	MP3C	X	-20.772	4
17	MP3C	Z	35.978	4
18	MP3C	Mx	-.013	4
19	MP4B	X	-28.437	1
20	MP4B	Z	49.255	1
21	MP4B	Mx	.027	1
22	MP4C	X	-35.222	1
23	MP4C	Z	61.007	1
24	MP4C	Mx	-.023	1
25	MP1A	X	-38.924	1.75

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

	Member Label	Direction	Magnitude(lb.k-ft)	Location(ft.%)
26	MP1A	Z	67.418	1.75
27	MP1A	Mx	.019	1.75
28	MP1A	X	-38.924	5.5
29	MP1A	Z	67.418	5.5
30	MP1A	Mx	.019	5.5
31	MP1B	X	-22.549	1.75
32	MP1B	Z	39.057	1.75
33	MP1B	Mx	-.021	1.75
34	MP1B	X	-22.549	5.5
35	MP1B	Z	39.057	5.5
36	MP1B	Mx	-.021	5.5
37	MP1C	X	-34.703	1.75
38	MP1C	Z	60.107	1.75
39	MP1C	Mx	.022	1.75
40	MP1C	X	-34.703	5.5
41	MP1C	Z	60.107	5.5
42	MP1C	Mx	.022	5.5
43	MP3A	X	-13.062	1
44	MP3A	Z	22.624	1
45	MP3A	Mx	.007	1
46	MP3B	X	-6.086	1
47	MP3B	Z	10.542	1
48	MP3B	Mx	-.006	1
49	MP3C	X	-11.264	1
50	MP3C	Z	19.509	1
51	MP3C	Mx	.007	1
52	MP3A	X	-13.062	1
53	MP3A	Z	22.624	1
54	MP3A	Mx	.007	1
55	MP3B	X	-6.086	1
56	MP3B	Z	10.542	1
57	MP3B	Mx	-.006	1
58	MP3C	X	-11.264	1
59	MP3C	Z	19.509	1
60	MP3C	Mx	.007	1
61	MP3A	X	-68.607	1
62	MP3A	Z	118.831	1
63	MP3A	Mx	.114	1
64	MP3A	X	-68.607	5
65	MP3A	Z	118.831	5
66	MP3A	Mx	.114	5
67	MP3B	X	-52.302	1
68	MP3B	Z	90.59	1
69	MP3B	Mx	-.073	1
70	MP3B	X	-52.302	5
71	MP3B	Z	90.59	5
72	MP3B	Mx	-.073	5
73	MP3C	X	-64.404	1
74	MP3C	Z	111.551	1
75	MP3C	Mx	-.024	1
76	MP3C	X	-64.404	5
77	MP3C	Z	111.551	5
78	MP3C	Mx	-.024	5
79	MP3A	X	-68.607	1
80	MP3A	Z	118.831	1
81	MP3A	Mx	-.045	1
82	MP3A	X	-68.607	5
83	MP3A	Z	118.831	5
84	MP3A	Mx	-.045	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	-52.302	1
86	MP3B	Z	90.59	1
87	MP3B	Mx	-.025	1
88	MP3B	X	-52.302	5
89	MP3B	Z	90.59	5
90	MP3B	Mx	-.025	5
91	MP3C	X	-64.404	1
92	MP3C	Z	111.551	1
93	MP3C	Mx	.107	1
94	MP3C	X	-64.404	5
95	MP3C	Z	111.551	5
96	MP3C	Mx	.107	5
97	MP4A	X	-26.999	2
98	MP4A	Z	46.764	2
99	MP4A	Mx	.013	2
100	MP4A	X	-26.999	4
101	MP4A	Z	46.764	4
102	MP4A	Mx	.013	4
103	MP5B	X	-13.598	2
104	MP5B	Z	23.552	2
105	MP5B	Mx	-.013	2
106	MP5B	X	-13.598	4
107	MP5B	Z	23.552	4
108	MP5B	Mx	-.013	4
109	MP5C	X	-23.545	2
110	MP5C	Z	40.781	2
111	MP5C	Mx	.015	2
112	MP5C	X	-23.545	4
113	MP5C	Z	40.781	4
114	MP5C	Mx	.015	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-33.316	4
2	MP2A	Z	19.235	4
3	MP2A	Mx	-.017	4
4	MP2B	X	-30.117	4
5	MP2B	Z	17.388	4
6	MP2B	Mx	.017	4
7	MP2C	X	-43.793	4
8	MP2C	Z	25.284	4
9	MP2C	Mx	-.004	4
10	MP3A	X	-29.25	4
11	MP3A	Z	16.887	4
12	MP3A	Mx	-.015	4
13	MP3B	X	-24.858	4
14	MP3B	Z	14.352	4
15	MP3B	Mx	.014	4
16	MP3C	X	-43.629	4
17	MP3C	Z	25.189	4
18	MP3C	Mx	-.004	4
19	MP4B	X	-47.083	1
20	MP4B	Z	27.184	1
21	MP4B	Mx	.027	1
22	MP4C	X	-70.587	1
23	MP4C	Z	40.753	1
24	MP4C	Mx	-.007	1
25	MP1A	X	-45.016	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	25.99	1.75
27	MP1A	Mx	.023	1.75
28	MP1A	X	-45.016	5.5
29	MP1A	Z	25.99	5.5
30	MP1A	Mx	.023	5.5
31	MP1B	X	-35.167	1.75
32	MP1B	Z	20.304	1.75
33	MP1B	Mx	-.02	1.75
34	MP1B	X	-35.167	5.5
35	MP1B	Z	20.304	5.5
36	MP1B	Mx	-.02	5.5
37	MP1C	X	-77.267	1.75
38	MP1C	Z	44.61	1.75
39	MP1C	Mx	.008	1.75
40	MP1C	X	-77.267	5.5
41	MP1C	Z	44.61	5.5
42	MP1C	Mx	.008	5.5
43	MP3A	X	-13.081	1
44	MP3A	Z	7.552	1
45	MP3A	Mx	.007	1
46	MP3B	X	-8.885	1
47	MP3B	Z	5.13	1
48	MP3B	Mx	-.005	1
49	MP3C	X	-26.82	1
50	MP3C	Z	15.484	1
51	MP3C	Mx	.003	1
52	MP3A	X	-13.081	1
53	MP3A	Z	7.552	1
54	MP3A	Mx	.007	1
55	MP3B	X	-8.885	1
56	MP3B	Z	5.13	1
57	MP3B	Mx	-.005	1
58	MP3C	X	-26.82	1
59	MP3C	Z	15.484	1
60	MP3C	Mx	.003	1
61	MP3A	X	-96.525	1
62	MP3A	Z	55.729	1
63	MP3A	Mx	.085	1
64	MP3A	X	-96.525	5
65	MP3A	Z	55.729	5
66	MP3A	Mx	.085	5
67	MP3B	X	-86.717	1
68	MP3B	Z	50.066	1
69	MP3B	Mx	-.038	1
70	MP3B	X	-86.717	5
71	MP3B	Z	50.066	5
72	MP3B	Mx	-.038	5
73	MP3C	X	-128.639	1
74	MP3C	Z	74.27	1
75	MP3C	Mx	-.085	1
76	MP3C	X	-128.639	5
77	MP3C	Z	74.27	5
78	MP3C	Mx	-.085	5
79	MP3A	X	-96.525	1
80	MP3A	Z	55.729	1
81	MP3A	Mx	.011	1
82	MP3A	X	-96.525	5
83	MP3A	Z	55.729	5
84	MP3A	Mx	.011	5

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	-86.717	1
86	MP3B	Z	50.066	1
87	MP3B	Mx	-.061	1
88	MP3B	X	-86.717	5
89	MP3B	Z	50.066	5
90	MP3B	Mx	-.061	5
91	MP3C	X	-128.639	1
92	MP3C	Z	74.27	1
93	MP3C	Mx	.11	1
94	MP3C	X	-128.639	5
95	MP3C	Z	74.27	5
96	MP3C	Mx	.11	5
97	MP4A	X	-28.43	2
98	MP4A	Z	16.414	2
99	MP4A	Mx	.014	2
100	MP4A	X	-28.43	4
101	MP4A	Z	16.414	4
102	MP4A	Mx	.014	4
103	MP5B	X	-20.368	2
104	MP5B	Z	11.759	2
105	MP5B	Mx	-.012	2
106	MP5B	X	-20.368	4
107	MP5B	Z	11.759	4
108	MP5B	Mx	-.012	4
109	MP5C	X	-54.826	2
110	MP5C	Z	31.654	2
111	MP5C	Mx	.005	2
112	MP5C	X	-54.826	4
113	MP5C	Z	31.654	4
114	MP5C	Mx	.005	4

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-34.269	4
2	MP2A	Z	0	4
3	MP2A	Mx	-.017	4
4	MP2B	X	-41.213	4
5	MP2B	Z	0	4
6	MP2B	Mx	.016	4
7	MP2C	X	-49.108	4
8	MP2C	Z	0	4
9	MP2C	Mx	.008	4
10	MP3A	X	-28.008	4
11	MP3A	Z	0	4
12	MP3A	Mx	-.014	4
13	MP3B	X	-37.539	4
14	MP3B	Z	0	4
15	MP3B	Mx	.014	4
16	MP3C	X	-48.376	4
17	MP3C	Z	0	4
18	MP3C	Mx	.008	4
19	MP4B	X	-65.429	1
20	MP4B	Z	0	1
21	MP4B	Mx	.025	1
22	MP4C	X	-78.999	1
23	MP4C	Z	0	1
24	MP4C	Mx	.014	1
25	MP1A	X	-39.047	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	0	1.75
27	MP1A	Mx	.02	1.75
28	MP1A	X	-39.047	5.5
29	MP1A	Z	0	5.5
30	MP1A	Mx	.02	5.5
31	MP1B	X	-60.422	1.75
32	MP1B	Z	0	1.75
33	MP1B	Mx	-.023	1.75
34	MP1B	X	-60.422	5.5
35	MP1B	Z	0	5.5
36	MP1B	Mx	-.023	5.5
37	MP1C	X	-84.729	1.75
38	MP1C	Z	0	1.75
39	MP1C	Mx	-.014	1.75
40	MP1C	X	-84.729	5.5
41	MP1C	Z	0	5.5
42	MP1C	Mx	-.014	5.5
43	MP3A	X	-9.594	1
44	MP3A	Z	0	1
45	MP3A	Mx	.005	1
46	MP3B	X	-18.7	1
47	MP3B	Z	0	1
48	MP3B	Mx	-.007	1
49	MP3C	X	-29.055	1
50	MP3C	Z	0	1
51	MP3C	Mx	-.005	1
52	MP3A	X	-9.594	1
53	MP3A	Z	0	1
54	MP3A	Mx	.005	1
55	MP3B	X	-18.7	1
56	MP3B	Z	0	1
57	MP3B	Mx	-.007	1
58	MP3C	X	-29.055	1
59	MP3C	Z	0	1
60	MP3C	Mx	-.005	1
61	MP3A	X	-98.579	1
62	MP3A	Z	0	1
63	MP3A	Mx	.049	1
64	MP3A	X	-98.579	5
65	MP3A	Z	0	5
66	MP3A	Mx	.049	5
67	MP3B	X	-119.863	1
68	MP3B	Z	0	1
69	MP3B	Mx	.005	1
70	MP3B	X	-119.863	5
71	MP3B	Z	0	5
72	MP3B	Mx	.005	5
73	MP3C	X	-144.066	1
74	MP3C	Z	0	1
75	MP3C	Mx	-.115	1
76	MP3C	X	-144.066	5
77	MP3C	Z	0	5
78	MP3C	Mx	-.115	5
79	MP3A	X	-98.579	1
80	MP3A	Z	0	1
81	MP3A	Mx	.049	1
82	MP3A	X	-98.579	5
83	MP3A	Z	0	5
84	MP3A	Mx	.049	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	-119.863	1
86	MP3B	Z	0	1
87	MP3B	Mx	-.097	1
88	MP3B	X	-119.863	5
89	MP3B	Z	0	5
90	MP3B	Mx	-.097	5
91	MP3C	X	-144.066	1
92	MP3C	Z	0	1
93	MP3C	Mx	.066	1
94	MP3C	X	-144.066	5
95	MP3C	Z	0	5
96	MP3C	Mx	.066	5
97	MP4A	X	-22.242	2
98	MP4A	Z	0	2
99	MP4A	Mx	.011	2
100	MP4A	X	-22.242	4
101	MP4A	Z	0	4
102	MP4A	Mx	.011	4
103	MP5B	X	-39.737	2
104	MP5B	Z	0	2
105	MP5B	Mx	-.015	2
106	MP5B	X	-39.737	4
107	MP5B	Z	0	4
108	MP5B	Mx	-.015	4
109	MP5C	X	-59.631	2
110	MP5C	Z	0	2
111	MP5C	Mx	-.01	2
112	MP5C	X	-59.631	4
113	MP5C	Z	0	4
114	MP5C	Mx	-.01	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-33.316	4
2	MP2A	Z	-19.235	4
3	MP2A	Mx	-.017	4
4	MP2B	X	-42.529	4
5	MP2B	Z	-24.554	4
6	MP2B	Mx	.008	4
7	MP2C	X	-35.691	4
8	MP2C	Z	-20.606	4
9	MP2C	Mx	.016	4
10	MP3A	X	-29.25	4
11	MP3A	Z	-16.887	4
12	MP3A	Mx	-.015	4
13	MP3B	X	-41.895	4
14	MP3B	Z	-24.188	4
15	MP3B	Mx	.008	4
16	MP3C	X	-32.509	4
17	MP3C	Z	-18.769	4
18	MP3C	Mx	.014	4
19	MP4B	X	-68.415	1
20	MP4B	Z	-39.5	1
21	MP4B	Mx	.014	1
22	MP4C	X	-56.664	1
23	MP4C	Z	-32.715	1
24	MP4C	Mx	.025	1
25	MP1A	X	-45.016	1.75

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

	Member Label	Direction	Magnitude(lb.k-ft)	Location(ft,%)
26	MP1A	Z	-25.99	1.75
27	MP1A	Mx	.023	1.75
28	MP1A	X	-45.016	5.5
29	MP1A	Z	-25.99	5.5
30	MP1A	Mx	.023	5.5
31	MP1B	X	-73.377	1.75
32	MP1B	Z	-42.364	1.75
33	MP1B	Mx	-.014	1.75
34	MP1B	X	-73.377	5.5
35	MP1B	Z	-42.364	5.5
36	MP1B	Mx	-.014	5.5
37	MP1C	X	-52.327	1.75
38	MP1C	Z	-30.211	1.75
39	MP1C	Mx	-.023	1.75
40	MP1C	X	-52.327	5.5
41	MP1C	Z	-30.211	5.5
42	MP1C	Mx	-.023	5.5
43	MP3A	X	-13.081	1
44	MP3A	Z	-7.552	1
45	MP3A	Mx	.007	1
46	MP3B	X	-25.162	1
47	MP3B	Z	-14.528	1
48	MP3B	Mx	-.005	1
49	MP3C	X	-16.195	1
50	MP3C	Z	-9.35	1
51	MP3C	Mx	-.007	1
52	MP3A	X	-13.081	1
53	MP3A	Z	-7.552	1
54	MP3A	Mx	.007	1
55	MP3B	X	-25.162	1
56	MP3B	Z	-14.528	1
57	MP3B	Mx	-.005	1
58	MP3C	X	-16.195	1
59	MP3C	Z	-9.35	1
60	MP3C	Mx	-.007	1
61	MP3A	X	-96.525	1
62	MP3A	Z	-55.729	1
63	MP3A	Mx	.011	1
64	MP3A	X	-96.525	5
65	MP3A	Z	-55.729	5
66	MP3A	Mx	.011	5
67	MP3B	X	-124.765	1
68	MP3B	Z	-72.033	1
69	MP3B	Mx	.066	1
70	MP3B	X	-124.765	5
71	MP3B	Z	-72.033	5
72	MP3B	Mx	.066	5
73	MP3C	X	-103.804	1
74	MP3C	Z	-59.932	1
75	MP3C	Mx	-.097	1
76	MP3C	X	-103.804	5
77	MP3C	Z	-59.932	5
78	MP3C	Mx	-.097	5
79	MP3A	X	-96.525	1
80	MP3A	Z	-55.729	1
81	MP3A	Mx	.085	1
82	MP3A	X	-96.525	5
83	MP3A	Z	-55.729	5
84	MP3A	Mx	.085	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	-124.765	1
86	MP3B	Z	-72.033	1
87	MP3B	Mx	-.115	1
88	MP3B	X	-124.765	5
89	MP3B	Z	-72.033	5
90	MP3B	Mx	-.115	5
91	MP3C	X	-103.804	1
92	MP3C	Z	-59.932	1
93	MP3C	Mx	.005	1
94	MP3C	X	-103.804	5
95	MP3C	Z	-59.932	5
96	MP3C	Mx	.005	5
97	MP4A	X	-28.43	2
98	MP4A	Z	-16.414	2
99	MP4A	Mx	.014	2
100	MP4A	X	-28.43	4
101	MP4A	Z	-16.414	4
102	MP4A	Mx	.014	4
103	MP5B	X	-51.642	2
104	MP5B	Z	-29.816	2
105	MP5B	Mx	-.01	2
106	MP5B	X	-51.642	4
107	MP5B	Z	-29.816	4
108	MP5B	Mx	-.01	4
109	MP5C	X	-34.413	2
110	MP5C	Z	-19.868	2
111	MP5C	Mx	-.015	2
112	MP5C	X	-34.413	4
113	MP5C	Z	-19.868	4
114	MP5C	Mx	-.015	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-23.436	4
2	MP2A	Z	-40.593	4
3	MP2A	Mx	-.012	4
4	MP2B	X	-25.284	4
5	MP2B	Z	-43.793	4
6	MP2B	Mx	-.004	4
7	MP2C	X	-17.388	4
8	MP2C	Z	-30.117	4
9	MP2C	Mx	.017	4
10	MP3A	X	-22.654	4
11	MP3A	Z	-39.238	4
12	MP3A	Mx	-.011	4
13	MP3B	X	-25.189	4
14	MP3B	Z	-43.629	4
15	MP3B	Mx	-.004	4
16	MP3C	X	-14.352	4
17	MP3C	Z	-24.858	4
18	MP3C	Mx	.014	4
19	MP4B	X	-40.753	1
20	MP4B	Z	-70.587	1
21	MP4B	Mx	-.007	1
22	MP4C	X	-27.184	1
23	MP4C	Z	-47.083	1
24	MP4C	Mx	.027	1
25	MP1A	X	-38.924	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	-67.418	1.75
27	MP1A	Mx	.019	1.75
28	MP1A	X	-38.924	5.5
29	MP1A	Z	-67.418	5.5
30	MP1A	Mx	.019	5.5
31	MP1B	X	-44.61	1.75
32	MP1B	Z	-77.267	1.75
33	MP1B	Mx	.008	1.75
34	MP1B	X	-44.61	5.5
35	MP1B	Z	-77.267	5.5
36	MP1B	Mx	.008	5.5
37	MP1C	X	-20.304	1.75
38	MP1C	Z	-35.167	1.75
39	MP1C	Mx	-.02	1.75
40	MP1C	X	-20.304	5.5
41	MP1C	Z	-35.167	5.5
42	MP1C	Mx	-.02	5.5
43	MP3A	X	-13.062	1
44	MP3A	Z	-22.624	1
45	MP3A	Mx	.007	1
46	MP3B	X	-15.484	1
47	MP3B	Z	-26.82	1
48	MP3B	Mx	.003	1
49	MP3C	X	-5.13	1
50	MP3C	Z	-8.885	1
51	MP3C	Mx	-.005	1
52	MP3A	X	-13.062	1
53	MP3A	Z	-22.624	1
54	MP3A	Mx	.007	1
55	MP3B	X	-15.484	1
56	MP3B	Z	-26.82	1
57	MP3B	Mx	.003	1
58	MP3C	X	-5.13	1
59	MP3C	Z	-8.885	1
60	MP3C	Mx	-.005	1
61	MP3A	X	-68.607	1
62	MP3A	Z	-118.831	1
63	MP3A	Mx	-.045	1
64	MP3A	X	-68.607	5
65	MP3A	Z	-118.831	5
66	MP3A	Mx	-.045	5
67	MP3B	X	-74.27	1
68	MP3B	Z	-128.639	1
69	MP3B	Mx	.11	1
70	MP3B	X	-74.27	5
71	MP3B	Z	-128.639	5
72	MP3B	Mx	.11	5
73	MP3C	X	-50.066	1
74	MP3C	Z	-86.717	1
75	MP3C	Mx	-.061	1
76	MP3C	X	-50.066	5
77	MP3C	Z	-86.717	5
78	MP3C	Mx	-.061	5
79	MP3A	X	-68.607	1
80	MP3A	Z	-118.831	1
81	MP3A	Mx	.114	1
82	MP3A	X	-68.607	5
83	MP3A	Z	-118.831	5
84	MP3A	Mx	.114	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	-74.27	1
86	MP3B	Z	-128.639	1
87	MP3B	Mx	-.085	1
88	MP3B	X	-74.27	5
89	MP3B	Z	-128.639	5
90	MP3B	Mx	-.085	5
91	MP3C	X	-50.066	1
92	MP3C	Z	-86.717	1
93	MP3C	Mx	-.038	1
94	MP3C	X	-50.066	5
95	MP3C	Z	-86.717	5
96	MP3C	Mx	-.038	5
97	MP4A	X	-26.999	2
98	MP4A	Z	-46.764	2
99	MP4A	Mx	.013	2
100	MP4A	X	-26.999	4
101	MP4A	Z	-46.764	4
102	MP4A	Mx	.013	4
103	MP5B	X	-31.654	2
104	MP5B	Z	-54.826	2
105	MP5B	Mx	.005	2
106	MP5B	X	-31.654	4
107	MP5B	Z	-54.826	4
108	MP5B	Mx	.005	4
109	MP5C	X	-11.759	2
110	MP5C	Z	-20.368	2
111	MP5C	Mx	-.012	2
112	MP5C	X	-11.759	4
113	MP5C	Z	-20.368	4
114	MP5C	Mx	-.012	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	4
2	MP2A	Z	-12.79	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	-11.18	4
6	MP2B	Mx	-.004	4
7	MP2C	X	0	4
8	MP2C	Z	-9.35	4
9	MP2C	Mx	.004	4
10	MP3A	X	0	4
11	MP3A	Z	-12.79	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	-10.569	4
15	MP3B	Mx	-.003	4
16	MP3C	X	0	4
17	MP3C	Z	-8.044	4
18	MP3C	Mx	.004	4
19	MP4B	X	0	1
20	MP4B	Z	-14.451	1
21	MP4B	Mx	-.005	1
22	MP4C	X	0	1
23	MP4C	Z	-11.933	1
24	MP4C	Mx	.006	1
25	MP1A	X	0	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	-25.727	1.75
27	MP1A	Mx	0	1.75
28	MP1A	X	0	5.5
29	MP1A	Z	-25.727	5.5
30	MP1A	Mx	0	5.5
31	MP1B	X	0	1.75
32	MP1B	Z	-22.427	1.75
33	MP1B	Mx	.007	1.75
34	MP1B	X	0	5.5
35	MP1B	Z	-22.427	5.5
36	MP1B	Mx	.007	5.5
37	MP1C	X	0	1.75
38	MP1C	Z	-18.674	1.75
39	MP1C	Mx	-.009	1.75
40	MP1C	X	0	5.5
41	MP1C	Z	-18.674	5.5
42	MP1C	Mx	-.009	5.5
43	MP3A	X	0	1
44	MP3A	Z	-7.028	1
45	MP3A	Mx	0	1
46	MP3B	X	0	1
47	MP3B	Z	-5.218	1
48	MP3B	Mx	.002	1
49	MP3C	X	0	1
50	MP3C	Z	-3.158	1
51	MP3C	Mx	-.001	1
52	MP3A	X	0	1
53	MP3A	Z	-7.028	1
54	MP3A	Mx	0	1
55	MP3B	X	0	1
56	MP3B	Z	-5.218	1
57	MP3B	Mx	.002	1
58	MP3C	X	0	1
59	MP3C	Z	-3.158	1
60	MP3C	Mx	-.001	1
61	MP3A	X	0	1
62	MP3A	Z	-28.542	1
63	MP3A	Mx	-.019	1
64	MP3A	X	0	5
65	MP3A	Z	-28.542	5
66	MP3A	Mx	-.019	5
67	MP3B	X	0	1
68	MP3B	Z	-24.793	1
69	MP3B	Mx	.021	1
70	MP3B	X	0	5
71	MP3B	Z	-24.793	5
72	MP3B	Mx	.021	5
73	MP3C	X	0	1
74	MP3C	Z	-20.529	1
75	MP3C	Mx	-.005	1
76	MP3C	X	0	5
77	MP3C	Z	-20.529	5
78	MP3C	Mx	-.005	5
79	MP3A	X	0	1
80	MP3A	Z	-28.542	1
81	MP3A	Mx	.019	1
82	MP3A	X	0	5
83	MP3A	Z	-28.542	5
84	MP3A	Mx	.019	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	0	1
86	MP3B	Z	-24.793	1
87	MP3B	Mx	-.005	1
88	MP3B	X	0	5
89	MP3B	Z	-24.793	5
90	MP3B	Mx	-.005	5
91	MP3C	X	0	1
92	MP3C	Z	-20.529	1
93	MP3C	Mx	-.014	1
94	MP3C	X	0	5
95	MP3C	Z	-20.529	5
96	MP3C	Mx	-.014	5
97	MP4A	X	0	2
98	MP4A	Z	-15.179	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	-15.179	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	-11.578	2
105	MP5B	Mx	.004	2
106	MP5B	X	0	4
107	MP5B	Z	-11.578	4
108	MP5B	Mx	.004	4
109	MP5C	X	0	2
110	MP5C	Z	-7.483	2
111	MP5C	Mx	-.004	2
112	MP5C	X	0	4
113	MP5C	Z	-7.483	4
114	MP5C	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	5.908	4
2	MP2A	Z	-10.233	4
3	MP2A	Mx	.003	4
4	MP2B	X	4.675	4
5	MP2B	Z	-8.098	4
6	MP2B	Mx	-.004	4
7	MP2C	X	5.59	4
8	MP2C	Z	-9.683	4
9	MP2C	Mx	.004	4
10	MP3A	X	5.723	4
11	MP3A	Z	-9.913	4
12	MP3A	Mx	.003	4
13	MP3B	X	4.022	4
14	MP3B	Z	-6.966	4
15	MP3B	Mx	-.004	4
16	MP3C	X	5.284	4
17	MP3C	Z	-9.153	4
18	MP3C	Mx	.003	4
19	MP4B	X	5.967	1
20	MP4B	Z	-10.334	1
21	MP4B	Mx	-.006	1
22	MP4C	X	7.226	1
23	MP4C	Z	-12.515	1
24	MP4C	Mx	.005	1
25	MP1A	X	11.865	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	-20.551	1.75
27	MP1A	Mx	-.006	1.75
28	MP1A	X	11.865	5.5
29	MP1A	Z	-20.551	5.5
30	MP1A	Mx	-.006	5.5
31	MP1B	X	9.337	1.75
32	MP1B	Z	-16.172	1.75
33	MP1B	Mx	.009	1.75
34	MP1B	X	9.337	5.5
35	MP1B	Z	-16.172	5.5
36	MP1B	Mx	.009	5.5
37	MP1C	X	11.213	1.75
38	MP1C	Z	-19.422	1.75
39	MP1C	Mx	-.007	1.75
40	MP1C	X	11.213	5.5
41	MP1C	Z	-19.422	5.5
42	MP1C	Mx	-.007	5.5
43	MP3A	X	2.966	1
44	MP3A	Z	-5.138	1
45	MP3A	Mx	-.001	1
46	MP3B	X	1.579	1
47	MP3B	Z	-2.735	1
48	MP3B	Mx	.001	1
49	MP3C	X	2.609	1
50	MP3C	Z	-4.518	1
51	MP3C	Mx	-.002	1
52	MP3A	X	2.966	1
53	MP3A	Z	-5.138	1
54	MP3A	Mx	-.001	1
55	MP3B	X	1.579	1
56	MP3B	Z	-2.735	1
57	MP3B	Mx	.001	1
58	MP3C	X	2.609	1
59	MP3C	Z	-4.518	1
60	MP3C	Mx	-.002	1
61	MP3A	X	13.137	1
62	MP3A	Z	-22.754	1
63	MP3A	Mx	-.022	1
64	MP3A	X	13.137	5
65	MP3A	Z	-22.754	5
66	MP3A	Mx	-.022	5
67	MP3B	X	10.264	1
68	MP3B	Z	-17.778	1
69	MP3B	Mx	.014	1
70	MP3B	X	10.264	5
71	MP3B	Z	-17.778	5
72	MP3B	Mx	.014	5
73	MP3C	X	12.396	1
74	MP3C	Z	-21.471	1
75	MP3C	Mx	.005	1
76	MP3C	X	12.396	5
77	MP3C	Z	-21.471	5
78	MP3C	Mx	.005	5
79	MP3A	X	13.137	1
80	MP3A	Z	-22.754	1
81	MP3A	Mx	.009	1
82	MP3A	X	13.137	5
83	MP3A	Z	-22.754	5
84	MP3A	Mx	.009	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	10.264	1
86	MP3B	Z	-17.778	1
87	MP3B	Mx	.005	1
88	MP3B	X	10.264	5
89	MP3B	Z	-17.778	5
90	MP3B	Mx	.005	5
91	MP3C	X	12.396	1
92	MP3C	Z	-21.471	1
93	MP3C	Mx	-.021	1
94	MP3C	X	12.396	5
95	MP3C	Z	-21.471	5
96	MP3C	Mx	-.021	5
97	MP4A	X	6.5	2
98	MP4A	Z	-11.258	2
99	MP4A	Mx	-.003	2
100	MP4A	X	6.5	4
101	MP4A	Z	-11.258	4
102	MP4A	Mx	-.003	4
103	MP5B	X	3.741	2
104	MP5B	Z	-6.48	2
105	MP5B	Mx	.004	2
106	MP5B	X	3.741	4
107	MP5B	Z	-6.48	4
108	MP5B	Mx	.004	4
109	MP5C	X	5.789	2
110	MP5C	Z	-10.027	2
111	MP5C	Mx	-.004	2
112	MP5C	X	5.789	4
113	MP5C	Z	-10.027	4
114	MP5C	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	8.546	4
2	MP2A	Z	-4.934	4
3	MP2A	Mx	.004	4
4	MP2B	X	7.805	4
5	MP2B	Z	-4.506	4
6	MP2B	Mx	-.004	4
7	MP2C	X	10.974	4
8	MP2C	Z	-6.336	4
9	MP2C	Mx	.001	4
10	MP3A	X	7.585	4
11	MP3A	Z	-4.379	4
12	MP3A	Mx	.004	4
13	MP3B	X	6.562	4
14	MP3B	Z	-3.788	4
15	MP3B	Mx	-.004	4
16	MP3C	X	10.936	4
17	MP3C	Z	-6.314	4
18	MP3C	Mx	.001	4
19	MP4B	X	9.931	1
20	MP4B	Z	-5.734	1
21	MP4B	Mx	-.006	1
22	MP4C	X	14.293	1
23	MP4C	Z	-8.252	1
24	MP4C	Mx	.001	1
25	MP1A	X	17.092	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	17.096	1
86	MP3B	Z	-9.87	1
87	MP3B	Mx	.012	1
88	MP3B	X	17.096	5
89	MP3B	Z	-9.87	5
90	MP3B	Mx	.012	5
91	MP3C	X	24.482	1
92	MP3C	Z	-14.134	1
93	MP3C	Mx	-.021	1
94	MP3C	X	24.482	5
95	MP3C	Z	-14.134	5
96	MP3C	Mx	-.021	5
97	MP4A	X	7.484	2
98	MP4A	Z	-4.321	2
99	MP4A	Mx	-.004	2
100	MP4A	X	7.484	4
101	MP4A	Z	-4.321	4
102	MP4A	Mx	-.004	4
103	MP5B	X	5.825	2
104	MP5B	Z	-3.363	2
105	MP5B	Mx	.003	2
106	MP5B	X	5.825	4
107	MP5B	Z	-3.363	4
108	MP5B	Mx	.003	4
109	MP5C	X	12.918	2
110	MP5C	Z	-7.458	2
111	MP5C	Mx	-.001	2
112	MP5C	X	12.918	4
113	MP5C	Z	-7.458	4
114	MP5C	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	8.895	4
2	MP2A	Z	0	4
3	MP2A	Mx	.004	4
4	MP2B	X	10.504	4
5	MP2B	Z	0	4
6	MP2B	Mx	-.004	4
7	MP2C	X	12.334	4
8	MP2C	Z	0	4
9	MP2C	Mx	-.002	4
10	MP3A	X	7.415	4
11	MP3A	Z	0	4
12	MP3A	Mx	.004	4
13	MP3B	X	9.636	4
14	MP3B	Z	0	4
15	MP3B	Mx	-.004	4
16	MP3C	X	12.161	4
17	MP3C	Z	0	4
18	MP3C	Mx	-.002	4
19	MP4B	X	13.521	1
20	MP4B	Z	0	1
21	MP4B	Mx	-.005	1
22	MP4C	X	16.039	1
23	MP4C	Z	0	1
24	MP4C	Mx	-.003	1
25	MP1A	X	17.74	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	0	1.75
27	MP1A	Mx	-.009	1.75
28	MP1A	X	17.74	5.5
29	MP1A	Z	0	5.5
30	MP1A	Mx	-.009	5.5
31	MP1B	X	21.04	1.75
32	MP1B	Z	0	1.75
33	MP1B	Mx	.008	1.75
34	MP1B	X	21.04	5.5
35	MP1B	Z	0	5.5
36	MP1B	Mx	.008	5.5
37	MP1C	X	24.792	1.75
38	MP1C	Z	0	1.75
39	MP1C	Mx	.004	1.75
40	MP1C	X	24.792	5.5
41	MP1C	Z	0	5.5
42	MP1C	Mx	.004	5.5
43	MP3A	X	2.645	1
44	MP3A	Z	0	1
45	MP3A	Mx	-.001	1
46	MP3B	X	4.456	1
47	MP3B	Z	0	1
48	MP3B	Mx	.002	1
49	MP3C	X	6.516	1
50	MP3C	Z	0	1
51	MP3C	Mx	.001	1
52	MP3A	X	2.645	1
53	MP3A	Z	0	1
54	MP3A	Mx	-.001	1
55	MP3B	X	4.456	1
56	MP3B	Z	0	1
57	MP3B	Mx	.002	1
58	MP3C	X	6.516	1
59	MP3C	Z	0	1
60	MP3C	Mx	.001	1
61	MP3A	X	19.467	1
62	MP3A	Z	0	1
63	MP3A	Mx	-.01	1
64	MP3A	X	19.467	5
65	MP3A	Z	0	5
66	MP3A	Mx	-.01	5
67	MP3B	X	23.217	1
68	MP3B	Z	0	1
69	MP3B	Mx	-.001	1
70	MP3B	X	23.217	5
71	MP3B	Z	0	5
72	MP3B	Mx	-.001	5
73	MP3C	X	27.481	1
74	MP3C	Z	0	1
75	MP3C	Mx	.022	1
76	MP3C	X	27.481	5
77	MP3C	Z	0	5
78	MP3C	Mx	.022	5
79	MP3A	X	19.467	1
80	MP3A	Z	0	1
81	MP3A	Mx	-.01	1
82	MP3A	X	19.467	5
83	MP3A	Z	0	5
84	MP3A	Mx	-.01	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	23.217	1
86	MP3B	Z	0	1
87	MP3B	Mx	.019	1
88	MP3B	X	23.217	5
89	MP3B	Z	0	5
90	MP3B	Mx	.019	5
91	MP3C	X	27.481	1
92	MP3C	Z	0	1
93	MP3C	Mx	-.013	1
94	MP3C	X	27.481	5
95	MP3C	Z	0	5
96	MP3C	Mx	-.013	5
97	MP4A	X	6.463	2
98	MP4A	Z	0	2
99	MP4A	Mx	-.003	2
100	MP4A	X	6.463	4
101	MP4A	Z	0	4
102	MP4A	Mx	-.003	4
103	MP5B	X	10.064	2
104	MP5B	Z	0	2
105	MP5B	Mx	.004	2
106	MP5B	X	10.064	4
107	MP5B	Z	0	4
108	MP5B	Mx	.004	4
109	MP5C	X	14.159	2
110	MP5C	Z	0	2
111	MP5C	Mx	.002	2
112	MP5C	X	14.159	4
113	MP5C	Z	0	4
114	MP5C	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	8.546	4
2	MP2A	Z	4.934	4
3	MP2A	Mx	.004	4
4	MP2B	X	10.682	4
5	MP2B	Z	6.167	4
6	MP2B	Mx	-.002	4
7	MP2C	X	9.097	4
8	MP2C	Z	5.252	4
9	MP2C	Mx	-.004	4
10	MP3A	X	7.585	4
11	MP3A	Z	4.379	4
12	MP3A	Mx	.004	4
13	MP3B	X	10.532	4
14	MP3B	Z	6.08	4
15	MP3B	Mx	-.002	4
16	MP3C	X	8.345	4
17	MP3C	Z	4.818	4
18	MP3C	Mx	-.004	4
19	MP4B	X	13.89	1
20	MP4B	Z	8.019	1
21	MP4B	Mx	-.003	1
22	MP4C	X	11.709	1
23	MP4C	Z	6.76	1
24	MP4C	Mx	-.005	1
25	MP1A	X	17.092	1.75

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

	Member Label	Direction	Magnitude(lb.k-ft)	Location(ft.%)
26	MP1A	Z	9.868	1.75
27	MP1A	Mx	-.009	1.75
28	MP1A	X	17.092	5.5
29	MP1A	Z	9.868	5.5
30	MP1A	Mx	-.009	5.5
31	MP1B	X	21.471	1.75
32	MP1B	Z	12.396	1.75
33	MP1B	Mx	.004	1.75
34	MP1B	X	21.471	5.5
35	MP1B	Z	12.396	5.5
36	MP1B	Mx	.004	5.5
37	MP1C	X	18.221	1.75
38	MP1C	Z	10.52	1.75
39	MP1C	Mx	.008	1.75
40	MP1C	X	18.221	5.5
41	MP1C	Z	10.52	5.5
42	MP1C	Mx	.008	5.5
43	MP3A	X	3.24	1
44	MP3A	Z	1.871	1
45	MP3A	Mx	-.002	1
46	MP3B	X	5.643	1
47	MP3B	Z	3.258	1
48	MP3B	Mx	.001	1
49	MP3C	X	3.859	1
50	MP3C	Z	2.228	1
51	MP3C	Mx	.002	1
52	MP3A	X	3.24	1
53	MP3A	Z	1.871	1
54	MP3A	Mx	-.002	1
55	MP3B	X	5.643	1
56	MP3B	Z	3.258	1
57	MP3B	Mx	.001	1
58	MP3C	X	3.859	1
59	MP3C	Z	2.228	1
60	MP3C	Mx	.002	1
61	MP3A	X	18.824	1
62	MP3A	Z	10.868	1
63	MP3A	Mx	-.002	1
64	MP3A	X	18.824	5
65	MP3A	Z	10.868	5
66	MP3A	Mx	-.002	5
67	MP3B	X	23.799	1
68	MP3B	Z	13.74	1
69	MP3B	Mx	-.013	1
70	MP3B	X	23.799	5
71	MP3B	Z	13.74	5
72	MP3B	Mx	-.013	5
73	MP3C	X	20.106	1
74	MP3C	Z	11.608	1
75	MP3C	Mx	.019	1
76	MP3C	X	20.106	5
77	MP3C	Z	11.608	5
78	MP3C	Mx	.019	5
79	MP3A	X	18.824	1
80	MP3A	Z	10.868	1
81	MP3A	Mx	-.017	1
82	MP3A	X	18.824	5
83	MP3A	Z	10.868	5
84	MP3A	Mx	-.017	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	23.799	1
86	MP3B	Z	13.74	1
87	MP3B	Mx	.022	1
88	MP3B	X	23.799	5
89	MP3B	Z	13.74	5
90	MP3B	Mx	.022	5
91	MP3C	X	20.106	1
92	MP3C	Z	11.608	1
93	MP3C	Mx	-.001	1
94	MP3C	X	20.106	5
95	MP3C	Z	11.608	5
96	MP3C	Mx	-.001	5
97	MP4A	X	7.484	2
98	MP4A	Z	4.321	2
99	MP4A	Mx	-.004	2
100	MP4A	X	7.484	4
101	MP4A	Z	4.321	4
102	MP4A	Mx	-.004	4
103	MP5B	X	12.262	2
104	MP5B	Z	7.08	2
105	MP5B	Mx	.002	2
106	MP5B	X	12.262	4
107	MP5B	Z	7.08	4
108	MP5B	Mx	.002	4
109	MP5C	X	8.716	2
110	MP5C	Z	5.032	2
111	MP5C	Mx	.004	2
112	MP5C	X	8.716	4
113	MP5C	Z	5.032	4
114	MP5C	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	5.908	4
2	MP2A	Z	10.233	4
3	MP2A	Mx	.003	4
4	MP2B	X	6.336	4
5	MP2B	Z	10.974	4
6	MP2B	Mx	.001	4
7	MP2C	X	4.506	4
8	MP2C	Z	7.805	4
9	MP2C	Mx	-.004	4
10	MP3A	X	5.723	4
11	MP3A	Z	9.913	4
12	MP3A	Mx	.003	4
13	MP3B	X	6.314	4
14	MP3B	Z	10.936	4
15	MP3B	Mx	.001	4
16	MP3C	X	3.788	4
17	MP3C	Z	6.562	4
18	MP3C	Mx	-.004	4
19	MP4B	X	8.252	1
20	MP4B	Z	14.293	1
21	MP4B	Mx	.001	1
22	MP4C	X	5.734	1
23	MP4C	Z	9.931	1
24	MP4C	Mx	-.006	1
25	MP1A	X	11.865	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	20.551	1.75
27	MP1A	Mx	-.006	1.75
28	MP1A	X	11.865	5.5
29	MP1A	Z	20.551	5.5
30	MP1A	Mx	-.006	5.5
31	MP1B	X	12.743	1.75
32	MP1B	Z	22.072	1.75
33	MP1B	Mx	-.002	1.75
34	MP1B	X	12.743	5.5
35	MP1B	Z	22.072	5.5
36	MP1B	Mx	-.002	5.5
37	MP1C	X	8.99	1.75
38	MP1C	Z	15.572	1.75
39	MP1C	Mx	.009	1.75
40	MP1C	X	8.99	5.5
41	MP1C	Z	15.572	5.5
42	MP1C	Mx	.009	5.5
43	MP3A	X	2.966	1
44	MP3A	Z	5.138	1
45	MP3A	Mx	-.001	1
46	MP3B	X	3.448	1
47	MP3B	Z	5.972	1
48	MP3B	Mx	-.000599	1
49	MP3C	X	1.389	1
50	MP3C	Z	2.406	1
51	MP3C	Mx	.001	1
52	MP3A	X	2.966	1
53	MP3A	Z	5.138	1
54	MP3A	Mx	-.001	1
55	MP3B	X	3.448	1
56	MP3B	Z	5.972	1
57	MP3B	Mx	-.000599	1
58	MP3C	X	1.389	1
59	MP3C	Z	2.406	1
60	MP3C	Mx	.001	1
61	MP3A	X	13.137	1
62	MP3A	Z	22.754	1
63	MP3A	Mx	.009	1
64	MP3A	X	13.137	5
65	MP3A	Z	22.754	5
66	MP3A	Mx	.009	5
67	MP3B	X	14.134	1
68	MP3B	Z	24.482	1
69	MP3B	Mx	-.021	1
70	MP3B	X	14.134	5
71	MP3B	Z	24.482	5
72	MP3B	Mx	-.021	5
73	MP3C	X	9.87	1
74	MP3C	Z	17.096	1
75	MP3C	Mx	.012	1
76	MP3C	X	9.87	5
77	MP3C	Z	17.096	5
78	MP3C	Mx	.012	5
79	MP3A	X	13.137	1
80	MP3A	Z	22.754	1
81	MP3A	Mx	-.022	1
82	MP3A	X	13.137	5
83	MP3A	Z	22.754	5
84	MP3A	Mx	-.022	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
85	MP3B	X	14.134	1
86	MP3B	Z	24.482	1
87	MP3B	Mx	.016	1
88	MP3B	X	14.134	5
89	MP3B	Z	24.482	5
90	MP3B	Mx	.016	5
91	MP3C	X	9.87	1
92	MP3C	Z	17.096	1
93	MP3C	Mx	.007	1
94	MP3C	X	9.87	5
95	MP3C	Z	17.096	5
96	MP3C	Mx	.007	5
97	MP4A	X	6.5	2
98	MP4A	Z	11.258	2
99	MP4A	Mx	-.003	2
100	MP4A	X	6.5	4
101	MP4A	Z	11.258	4
102	MP4A	Mx	-.003	4
103	MP5B	X	7.458	2
104	MP5B	Z	12.918	2
105	MP5B	Mx	-.001	2
106	MP5B	X	7.458	4
107	MP5B	Z	12.918	4
108	MP5B	Mx	-.001	4
109	MP5C	X	3.363	2
110	MP5C	Z	5.825	2
111	MP5C	Mx	.003	2
112	MP5C	X	3.363	4
113	MP5C	Z	5.825	4
114	MP5C	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	4
2	MP2A	Z	12.79	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	11.18	4
6	MP2B	Mx	.004	4
7	MP2C	X	0	4
8	MP2C	Z	9.35	4
9	MP2C	Mx	-.004	4
10	MP3A	X	0	4
11	MP3A	Z	12.79	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	10.569	4
15	MP3B	Mx	.003	4
16	MP3C	X	0	4
17	MP3C	Z	8.044	4
18	MP3C	Mx	-.004	4
19	MP4B	X	0	1
20	MP4B	Z	14.451	1
21	MP4B	Mx	.005	1
22	MP4C	X	0	1
23	MP4C	Z	11.933	1
24	MP4C	Mx	-.006	1
25	MP1A	X	0	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	0	1
86	MP3B	Z	24.793	1
87	MP3B	Mx	.005	1
88	MP3B	X	0	5
89	MP3B	Z	24.793	5
90	MP3B	Mx	.005	5
91	MP3C	X	0	1
92	MP3C	Z	20.529	1
93	MP3C	Mx	.014	1
94	MP3C	X	0	5
95	MP3C	Z	20.529	5
96	MP3C	Mx	.014	5
97	MP4A	X	0	2
98	MP4A	Z	15.179	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	15.179	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	11.578	2
105	MP5B	Mx	-.004	2
106	MP5B	X	0	4
107	MP5B	Z	11.578	4
108	MP5B	Mx	-.004	4
109	MP5C	X	0	2
110	MP5C	Z	7.483	2
111	MP5C	Mx	.004	2
112	MP5C	X	0	4
113	MP5C	Z	7.483	4
114	MP5C	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-5.908	4
2	MP2A	Z	10.233	4
3	MP2A	Mx	-.003	4
4	MP2B	X	-4.675	4
5	MP2B	Z	8.098	4
6	MP2B	Mx	.004	4
7	MP2C	X	-5.59	4
8	MP2C	Z	9.683	4
9	MP2C	Mx	-.004	4
10	MP3A	X	-5.723	4
11	MP3A	Z	9.913	4
12	MP3A	Mx	-.003	4
13	MP3B	X	-4.022	4
14	MP3B	Z	6.966	4
15	MP3B	Mx	.004	4
16	MP3C	X	-5.284	4
17	MP3C	Z	9.153	4
18	MP3C	Mx	-.003	4
19	MP4B	X	-5.967	1
20	MP4B	Z	10.334	1
21	MP4B	Mx	.006	1
22	MP4C	X	-7.226	1
23	MP4C	Z	12.515	1
24	MP4C	Mx	-.005	1
25	MP1A	X	-11.865	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	20.551	1.75
27	MP1A	Mx	.006	1.75
28	MP1A	X	-11.865	5.5
29	MP1A	Z	20.551	5.5
30	MP1A	Mx	.006	5.5
31	MP1B	X	-9.337	1.75
32	MP1B	Z	16.172	1.75
33	MP1B	Mx	-.009	1.75
34	MP1B	X	-9.337	5.5
35	MP1B	Z	16.172	5.5
36	MP1B	Mx	-.009	5.5
37	MP1C	X	-11.213	1.75
38	MP1C	Z	19.422	1.75
39	MP1C	Mx	.007	1.75
40	MP1C	X	-11.213	5.5
41	MP1C	Z	19.422	5.5
42	MP1C	Mx	.007	5.5
43	MP3A	X	-2.966	1
44	MP3A	Z	5.138	1
45	MP3A	Mx	.001	1
46	MP3B	X	-1.579	1
47	MP3B	Z	2.735	1
48	MP3B	Mx	-.001	1
49	MP3C	X	-2.609	1
50	MP3C	Z	4.518	1
51	MP3C	Mx	.002	1
52	MP3A	X	-2.966	1
53	MP3A	Z	5.138	1
54	MP3A	Mx	.001	1
55	MP3B	X	-1.579	1
56	MP3B	Z	2.735	1
57	MP3B	Mx	-.001	1
58	MP3C	X	-2.609	1
59	MP3C	Z	4.518	1
60	MP3C	Mx	.002	1
61	MP3A	X	-13.137	1
62	MP3A	Z	22.754	1
63	MP3A	Mx	.022	1
64	MP3A	X	-13.137	5
65	MP3A	Z	22.754	5
66	MP3A	Mx	.022	5
67	MP3B	X	-10.264	1
68	MP3B	Z	17.778	1
69	MP3B	Mx	-.014	1
70	MP3B	X	-10.264	5
71	MP3B	Z	17.778	5
72	MP3B	Mx	-.014	5
73	MP3C	X	-12.396	1
74	MP3C	Z	21.471	1
75	MP3C	Mx	-.005	1
76	MP3C	X	-12.396	5
77	MP3C	Z	21.471	5
78	MP3C	Mx	-.005	5
79	MP3A	X	-13.137	1
80	MP3A	Z	22.754	1
81	MP3A	Mx	-.009	1
82	MP3A	X	-13.137	5
83	MP3A	Z	22.754	5
84	MP3A	Mx	-.009	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	-10.264	1
86	MP3B	Z	17.778	1
87	MP3B	Mx	-.005	1
88	MP3B	X	-10.264	5
89	MP3B	Z	17.778	5
90	MP3B	Mx	-.005	5
91	MP3C	X	-12.396	1
92	MP3C	Z	21.471	1
93	MP3C	Mx	.021	1
94	MP3C	X	-12.396	5
95	MP3C	Z	21.471	5
96	MP3C	Mx	.021	5
97	MP4A	X	-6.5	2
98	MP4A	Z	11.258	2
99	MP4A	Mx	.003	2
100	MP4A	X	-6.5	4
101	MP4A	Z	11.258	4
102	MP4A	Mx	.003	4
103	MP5B	X	-3.741	2
104	MP5B	Z	6.48	2
105	MP5B	Mx	-.004	2
106	MP5B	X	-3.741	4
107	MP5B	Z	6.48	4
108	MP5B	Mx	-.004	4
109	MP5C	X	-5.789	2
110	MP5C	Z	10.027	2
111	MP5C	Mx	.004	2
112	MP5C	X	-5.789	4
113	MP5C	Z	10.027	4
114	MP5C	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-8.546	4
2	MP2A	Z	4.934	4
3	MP2A	Mx	-.004	4
4	MP2B	X	-7.805	4
5	MP2B	Z	4.506	4
6	MP2B	Mx	.004	4
7	MP2C	X	-10.974	4
8	MP2C	Z	6.336	4
9	MP2C	Mx	-.001	4
10	MP3A	X	-7.585	4
11	MP3A	Z	4.379	4
12	MP3A	Mx	-.004	4
13	MP3B	X	-6.562	4
14	MP3B	Z	3.788	4
15	MP3B	Mx	.004	4
16	MP3C	X	-10.936	4
17	MP3C	Z	6.314	4
18	MP3C	Mx	-.001	4
19	MP4B	X	-9.931	1
20	MP4B	Z	5.734	1
21	MP4B	Mx	.006	1
22	MP4C	X	-14.293	1
23	MP4C	Z	8.252	1
24	MP4C	Mx	-.001	1
25	MP1A	X	-17.092	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	9.868	1.75
27	MP1A	Mx	.009	1.75
28	MP1A	X	-17.092	5.5
29	MP1A	Z	9.868	5.5
30	MP1A	Mx	.009	5.5
31	MP1B	X	-15.572	1.75
32	MP1B	Z	8.99	1.75
33	MP1B	Mx	-.009	1.75
34	MP1B	X	-15.572	5.5
35	MP1B	Z	8.99	5.5
36	MP1B	Mx	-.009	5.5
37	MP1C	X	-22.072	1.75
38	MP1C	Z	12.743	1.75
39	MP1C	Mx	.002	1.75
40	MP1C	X	-22.072	5.5
41	MP1C	Z	12.743	5.5
42	MP1C	Mx	.002	5.5
43	MP3A	X	-3.24	1
44	MP3A	Z	1.871	1
45	MP3A	Mx	.002	1
46	MP3B	X	-2.406	1
47	MP3B	Z	1.389	1
48	MP3B	Mx	-.001	1
49	MP3C	X	-5.972	1
50	MP3C	Z	3.448	1
51	MP3C	Mx	.000599	1
52	MP3A	X	-3.24	1
53	MP3A	Z	1.871	1
54	MP3A	Mx	.002	1
55	MP3B	X	-2.406	1
56	MP3B	Z	1.389	1
57	MP3B	Mx	-.001	1
58	MP3C	X	-5.972	1
59	MP3C	Z	3.448	1
60	MP3C	Mx	.000599	1
61	MP3A	X	-18.824	1
62	MP3A	Z	10.868	1
63	MP3A	Mx	.017	1
64	MP3A	X	-18.824	5
65	MP3A	Z	10.868	5
66	MP3A	Mx	.017	5
67	MP3B	X	-17.096	1
68	MP3B	Z	9.87	1
69	MP3B	Mx	-.007	1
70	MP3B	X	-17.096	5
71	MP3B	Z	9.87	5
72	MP3B	Mx	-.007	5
73	MP3C	X	-24.482	1
74	MP3C	Z	14.134	1
75	MP3C	Mx	-.016	1
76	MP3C	X	-24.482	5
77	MP3C	Z	14.134	5
78	MP3C	Mx	-.016	5
79	MP3A	X	-18.824	1
80	MP3A	Z	10.868	1
81	MP3A	Mx	.002	1
82	MP3A	X	-18.824	5
83	MP3A	Z	10.868	5
84	MP3A	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	-17.096	1
86	MP3B	Z	9.87	1
87	MP3B	Mx	-.012	1
88	MP3B	X	-17.096	5
89	MP3B	Z	9.87	5
90	MP3B	Mx	-.012	5
91	MP3C	X	-24.482	1
92	MP3C	Z	14.134	1
93	MP3C	Mx	.021	1
94	MP3C	X	-24.482	5
95	MP3C	Z	14.134	5
96	MP3C	Mx	.021	5
97	MP4A	X	-7.484	2
98	MP4A	Z	4.321	2
99	MP4A	Mx	.004	2
100	MP4A	X	-7.484	4
101	MP4A	Z	4.321	4
102	MP4A	Mx	.004	4
103	MP5B	X	-5.825	2
104	MP5B	Z	3.363	2
105	MP5B	Mx	-.003	2
106	MP5B	X	-5.825	4
107	MP5B	Z	3.363	4
108	MP5B	Mx	-.003	4
109	MP5C	X	-12.918	2
110	MP5C	Z	7.458	2
111	MP5C	Mx	.001	2
112	MP5C	X	-12.918	4
113	MP5C	Z	7.458	4
114	MP5C	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-8.895	4
2	MP2A	Z	0	4
3	MP2A	Mx	-.004	4
4	MP2B	X	-10.504	4
5	MP2B	Z	0	4
6	MP2B	Mx	.004	4
7	MP2C	X	-12.334	4
8	MP2C	Z	0	4
9	MP2C	Mx	.002	4
10	MP3A	X	-7.415	4
11	MP3A	Z	0	4
12	MP3A	Mx	-.004	4
13	MP3B	X	-9.636	4
14	MP3B	Z	0	4
15	MP3B	Mx	.004	4
16	MP3C	X	-12.161	4
17	MP3C	Z	0	4
18	MP3C	Mx	.002	4
19	MP4B	X	-13.521	1
20	MP4B	Z	0	1
21	MP4B	Mx	.005	1
22	MP4C	X	-16.039	1
23	MP4C	Z	0	1
24	MP4C	Mx	.003	1
25	MP1A	X	-17.74	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	0	1.75
27	MP1A	Mx	.009	1.75
28	MP1A	X	-17.74	5.5
29	MP1A	Z	0	5.5
30	MP1A	Mx	.009	5.5
31	MP1B	X	-21.04	1.75
32	MP1B	Z	0	1.75
33	MP1B	Mx	-.008	1.75
34	MP1B	X	-21.04	5.5
35	MP1B	Z	0	5.5
36	MP1B	Mx	-.008	5.5
37	MP1C	X	-24.792	1.75
38	MP1C	Z	0	1.75
39	MP1C	Mx	-.004	1.75
40	MP1C	X	-24.792	5.5
41	MP1C	Z	0	5.5
42	MP1C	Mx	-.004	5.5
43	MP3A	X	-2.645	1
44	MP3A	Z	0	1
45	MP3A	Mx	.001	1
46	MP3B	X	-4.456	1
47	MP3B	Z	0	1
48	MP3B	Mx	-.002	1
49	MP3C	X	-6.516	1
50	MP3C	Z	0	1
51	MP3C	Mx	-.001	1
52	MP3A	X	-2.645	1
53	MP3A	Z	0	1
54	MP3A	Mx	.001	1
55	MP3B	X	-4.456	1
56	MP3B	Z	0	1
57	MP3B	Mx	-.002	1
58	MP3C	X	-6.516	1
59	MP3C	Z	0	1
60	MP3C	Mx	-.001	1
61	MP3A	X	-19.467	1
62	MP3A	Z	0	1
63	MP3A	Mx	.01	1
64	MP3A	X	-19.467	5
65	MP3A	Z	0	5
66	MP3A	Mx	.01	5
67	MP3B	X	-23.217	1
68	MP3B	Z	0	1
69	MP3B	Mx	.001	1
70	MP3B	X	-23.217	5
71	MP3B	Z	0	5
72	MP3B	Mx	.001	5
73	MP3C	X	-27.481	1
74	MP3C	Z	0	1
75	MP3C	Mx	-.022	1
76	MP3C	X	-27.481	5
77	MP3C	Z	0	5
78	MP3C	Mx	-.022	5
79	MP3A	X	-19.467	1
80	MP3A	Z	0	1
81	MP3A	Mx	.01	1
82	MP3A	X	-19.467	5
83	MP3A	Z	0	5
84	MP3A	Mx	.01	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	-23.217	1
86	MP3B	Z	0	1
87	MP3B	Mx	-.019	1
88	MP3B	X	-23.217	5
89	MP3B	Z	0	5
90	MP3B	Mx	-.019	5
91	MP3C	X	-27.481	1
92	MP3C	Z	0	1
93	MP3C	Mx	.013	1
94	MP3C	X	-27.481	5
95	MP3C	Z	0	5
96	MP3C	Mx	.013	5
97	MP4A	X	-6.463	2
98	MP4A	Z	0	2
99	MP4A	Mx	.003	2
100	MP4A	X	-6.463	4
101	MP4A	Z	0	4
102	MP4A	Mx	.003	4
103	MP5B	X	-10.064	2
104	MP5B	Z	0	2
105	MP5B	Mx	-.004	2
106	MP5B	X	-10.064	4
107	MP5B	Z	0	4
108	MP5B	Mx	-.004	4
109	MP5C	X	-14.159	2
110	MP5C	Z	0	2
111	MP5C	Mx	-.002	2
112	MP5C	X	-14.159	4
113	MP5C	Z	0	4
114	MP5C	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-8.546	4
2	MP2A	Z	-4.934	4
3	MP2A	Mx	-.004	4
4	MP2B	X	-10.682	4
5	MP2B	Z	-6.167	4
6	MP2B	Mx	.002	4
7	MP2C	X	-9.097	4
8	MP2C	Z	-5.252	4
9	MP2C	Mx	.004	4
10	MP3A	X	-7.585	4
11	MP3A	Z	-4.379	4
12	MP3A	Mx	-.004	4
13	MP3B	X	-10.532	4
14	MP3B	Z	-6.08	4
15	MP3B	Mx	.002	4
16	MP3C	X	-8.345	4
17	MP3C	Z	-4.818	4
18	MP3C	Mx	.004	4
19	MP4B	X	-13.89	1
20	MP4B	Z	-8.019	1
21	MP4B	Mx	.003	1
22	MP4C	X	-11.709	1
23	MP4C	Z	-6.76	1
24	MP4C	Mx	.005	1
25	MP1A	X	-17.092	1.75

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

	Member Label	Direction	Magnitude [lb. k-ft]	Location [ft. %]
26	MP1A	Z	-9.868	1.75
27	MP1A	Mx	.009	1.75
28	MP1A	X	-17.092	5.5
29	MP1A	Z	-9.868	5.5
30	MP1A	Mx	.009	5.5
31	MP1B	X	-21.471	1.75
32	MP1B	Z	-12.396	1.75
33	MP1B	Mx	-.004	1.75
34	MP1B	X	-21.471	5.5
35	MP1B	Z	-12.396	5.5
36	MP1B	Mx	-.004	5.5
37	MP1C	X	-18.221	1.75
38	MP1C	Z	-10.52	1.75
39	MP1C	Mx	-.008	1.75
40	MP1C	X	-18.221	5.5
41	MP1C	Z	-10.52	5.5
42	MP1C	Mx	-.008	5.5
43	MP3A	X	-3.24	1
44	MP3A	Z	-1.871	1
45	MP3A	Mx	.002	1
46	MP3B	X	-5.643	1
47	MP3B	Z	-3.258	1
48	MP3B	Mx	-.001	1
49	MP3C	X	-3.859	1
50	MP3C	Z	-2.228	1
51	MP3C	Mx	-.002	1
52	MP3A	X	-3.24	1
53	MP3A	Z	-1.871	1
54	MP3A	Mx	.002	1
55	MP3B	X	-5.643	1
56	MP3B	Z	-3.258	1
57	MP3B	Mx	-.001	1
58	MP3C	X	-3.859	1
59	MP3C	Z	-2.228	1
60	MP3C	Mx	-.002	1
61	MP3A	X	-18.824	1
62	MP3A	Z	-10.868	1
63	MP3A	Mx	.002	1
64	MP3A	X	-18.824	5
65	MP3A	Z	-10.868	5
66	MP3A	Mx	.002	5
67	MP3B	X	-23.799	1
68	MP3B	Z	-13.74	1
69	MP3B	Mx	.013	1
70	MP3B	X	-23.799	5
71	MP3B	Z	-13.74	5
72	MP3B	Mx	.013	5
73	MP3C	X	-20.106	1
74	MP3C	Z	-11.608	1
75	MP3C	Mx	-.019	1
76	MP3C	X	-20.106	5
77	MP3C	Z	-11.608	5
78	MP3C	Mx	-.019	5
79	MP3A	X	-18.824	1
80	MP3A	Z	-10.868	1
81	MP3A	Mx	.017	1
82	MP3A	X	-18.824	5
83	MP3A	Z	-10.868	5
84	MP3A	Mx	.017	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	-23.799	1
86	MP3B	Z	-13.74	1
87	MP3B	Mx	-.022	1
88	MP3B	X	-23.799	5
89	MP3B	Z	-13.74	5
90	MP3B	Mx	-.022	5
91	MP3C	X	-20.106	1
92	MP3C	Z	-11.608	1
93	MP3C	Mx	.001	1
94	MP3C	X	-20.106	5
95	MP3C	Z	-11.608	5
96	MP3C	Mx	.001	5
97	MP4A	X	-7.484	2
98	MP4A	Z	-4.321	2
99	MP4A	Mx	.004	2
100	MP4A	X	-7.484	4
101	MP4A	Z	-4.321	4
102	MP4A	Mx	.004	4
103	MP5B	X	-12.262	2
104	MP5B	Z	-7.08	2
105	MP5B	Mx	-.002	2
106	MP5B	X	-12.262	4
107	MP5B	Z	-7.08	4
108	MP5B	Mx	-.002	4
109	MP5C	X	-8.716	2
110	MP5C	Z	-5.032	2
111	MP5C	Mx	-.004	2
112	MP5C	X	-8.716	4
113	MP5C	Z	-5.032	4
114	MP5C	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-5.908	4
2	MP2A	Z	-10.233	4
3	MP2A	Mx	-.003	4
4	MP2B	X	-6.336	4
5	MP2B	Z	-10.974	4
6	MP2B	Mx	-.001	4
7	MP2C	X	-4.506	4
8	MP2C	Z	-7.805	4
9	MP2C	Mx	.004	4
10	MP3A	X	-5.723	4
11	MP3A	Z	-9.913	4
12	MP3A	Mx	-.003	4
13	MP3B	X	-6.314	4
14	MP3B	Z	-10.936	4
15	MP3B	Mx	-.001	4
16	MP3C	X	-3.788	4
17	MP3C	Z	-6.562	4
18	MP3C	Mx	.004	4
19	MP4B	X	-8.252	1
20	MP4B	Z	-14.293	1
21	MP4B	Mx	-.001	1
22	MP4C	X	-5.734	1
23	MP4C	Z	-9.931	1
24	MP4C	Mx	.006	1
25	MP1A	X	-11.865	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	-20.551	1.75
27	MP1A	Mx	.006	1.75
28	MP1A	X	-11.865	5.5
29	MP1A	Z	-20.551	5.5
30	MP1A	Mx	.006	5.5
31	MP1B	X	-12.743	1.75
32	MP1B	Z	-22.072	1.75
33	MP1B	Mx	.002	1.75
34	MP1B	X	-12.743	5.5
35	MP1B	Z	-22.072	5.5
36	MP1B	Mx	.002	5.5
37	MP1C	X	-8.99	1.75
38	MP1C	Z	-15.572	1.75
39	MP1C	Mx	-.009	1.75
40	MP1C	X	-8.99	5.5
41	MP1C	Z	-15.572	5.5
42	MP1C	Mx	-.009	5.5
43	MP3A	X	-2.966	1
44	MP3A	Z	-5.138	1
45	MP3A	Mx	.001	1
46	MP3B	X	-3.448	1
47	MP3B	Z	-5.972	1
48	MP3B	Mx	.000599	1
49	MP3C	X	-1.389	1
50	MP3C	Z	-2.406	1
51	MP3C	Mx	-.001	1
52	MP3A	X	-2.966	1
53	MP3A	Z	-5.138	1
54	MP3A	Mx	.001	1
55	MP3B	X	-3.448	1
56	MP3B	Z	-5.972	1
57	MP3B	Mx	.000599	1
58	MP3C	X	-1.389	1
59	MP3C	Z	-2.406	1
60	MP3C	Mx	-.001	1
61	MP3A	X	-13.137	1
62	MP3A	Z	-22.754	1
63	MP3A	Mx	-.009	1
64	MP3A	X	-13.137	5
65	MP3A	Z	-22.754	5
66	MP3A	Mx	-.009	5
67	MP3B	X	-14.134	1
68	MP3B	Z	-24.482	1
69	MP3B	Mx	.021	1
70	MP3B	X	-14.134	5
71	MP3B	Z	-24.482	5
72	MP3B	Mx	.021	5
73	MP3C	X	-9.87	1
74	MP3C	Z	-17.096	1
75	MP3C	Mx	-.012	1
76	MP3C	X	-9.87	5
77	MP3C	Z	-17.096	5
78	MP3C	Mx	-.012	5
79	MP3A	X	-13.137	1
80	MP3A	Z	-22.754	1
81	MP3A	Mx	.022	1
82	MP3A	X	-13.137	5
83	MP3A	Z	-22.754	5
84	MP3A	Mx	.022	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	-14.134	1
86	MP3B	Z	-24.482	1
87	MP3B	Mx	-.016	1
88	MP3B	X	-14.134	5
89	MP3B	Z	-24.482	5
90	MP3B	Mx	-.016	5
91	MP3C	X	-9.87	1
92	MP3C	Z	-17.096	1
93	MP3C	Mx	-.007	1
94	MP3C	X	-9.87	5
95	MP3C	Z	-17.096	5
96	MP3C	Mx	-.007	5
97	MP4A	X	-6.5	2
98	MP4A	Z	-11.258	2
99	MP4A	Mx	.003	2
100	MP4A	X	-6.5	4
101	MP4A	Z	-11.258	4
102	MP4A	Mx	.003	4
103	MP5B	X	-7.458	2
104	MP5B	Z	-12.918	2
105	MP5B	Mx	.001	2
106	MP5B	X	-7.458	4
107	MP5B	Z	-12.918	4
108	MP5B	Mx	.001	4
109	MP5C	X	-3.363	2
110	MP5C	Z	-5.825	2
111	MP5C	Mx	-.003	2
112	MP5C	X	-3.363	4
113	MP5C	Z	-5.825	4
114	MP5C	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	4
2	MP2A	Z	-3.192	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	-2.758	4
6	MP2B	Mx	-.000886	4
7	MP2C	X	0	4
8	MP2C	Z	-2.265	4
9	MP2C	Mx	.001	4
10	MP3A	X	0	4
11	MP3A	Z	-3.192	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	-2.597	4
15	MP3B	Mx	-.000835	4
16	MP3C	X	0	4
17	MP3C	Z	-1.919	4
18	MP3C	Mx	.000902	4
19	MP4B	X	0	1
20	MP4B	Z	-4.403	1
21	MP4B	Mx	-.001	1
22	MP4C	X	0	1
23	MP4C	Z	-3.555	1
24	MP4C	Mx	.002	1
25	MP1A	X	0	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	-5.674	1.75
27	MP1A	Mx	0	1.75
28	MP1A	X	0	5.5
29	MP1A	Z	-5.674	5.5
30	MP1A	Mx	0	5.5
31	MP1B	X	0	1.75
32	MP1B	Z	-4.338	1.75
33	MP1B	Mx	.001	1.75
34	MP1B	X	0	5.5
35	MP1B	Z	-4.338	5.5
36	MP1B	Mx	.001	5.5
37	MP1C	X	0	1.75
38	MP1C	Z	-2.819	1.75
39	MP1C	Mx	-.001	1.75
40	MP1C	X	0	5.5
41	MP1C	Z	-2.819	5.5
42	MP1C	Mx	-.001	5.5
43	MP3A	X	0	1
44	MP3A	Z	-1.977	1
45	MP3A	Mx	0	1
46	MP3B	X	0	1
47	MP3B	Z	-1.408	1
48	MP3B	Mx	.000453	1
49	MP3C	X	0	1
50	MP3C	Z	-.761	1
51	MP3C	Mx	-.000358	1
52	MP3A	X	0	1
53	MP3A	Z	-1.977	1
54	MP3A	Mx	0	1
55	MP3B	X	0	1
56	MP3B	Z	-1.408	1
57	MP3B	Mx	.000453	1
58	MP3C	X	0	1
59	MP3C	Z	-.761	1
60	MP3C	Mx	-.000358	1
61	MP3A	X	0	1
62	MP3A	Z	-9.381	1
63	MP3A	Mx	-.006	1
64	MP3A	X	0	5
65	MP3A	Z	-9.381	5
66	MP3A	Mx	-.006	5
67	MP3B	X	0	1
68	MP3B	Z	-8.051	1
69	MP3B	Mx	.007	1
70	MP3B	X	0	5
71	MP3B	Z	-8.051	5
72	MP3B	Mx	.007	5
73	MP3C	X	0	1
74	MP3C	Z	-6.538	1
75	MP3C	Mx	-.002	1
76	MP3C	X	0	5
77	MP3C	Z	-6.538	5
78	MP3C	Mx	-.002	5
79	MP3A	X	0	1
80	MP3A	Z	-9.381	1
81	MP3A	Mx	.006	1
82	MP3A	X	0	5
83	MP3A	Z	-9.381	5
84	MP3A	Mx	.006	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	0	1
86	MP3B	Z	-8.051	1
87	MP3B	Mx	-.002	1
88	MP3B	X	0	5
89	MP3B	Z	-8.051	5
90	MP3B	Mx	-.002	5
91	MP3C	X	0	1
92	MP3C	Z	-6.538	1
93	MP3C	Mx	-.005	1
94	MP3C	X	0	5
95	MP3C	Z	-6.538	5
96	MP3C	Mx	-.005	5
97	MP4A	X	0	2
98	MP4A	Z	-4.037	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	-4.037	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	-2.943	2
105	MP5B	Mx	.000946	2
106	MP5B	X	0	4
107	MP5B	Z	-2.943	4
108	MP5B	Mx	.000946	4
109	MP5C	X	0	2
110	MP5C	Z	-1.7	2
111	MP5C	Mx	-.000799	2
112	MP5C	X	0	4
113	MP5C	Z	-1.7	4
114	MP5C	Mx	-.000799	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	1.465	4
2	MP2A	Z	-2.537	4
3	MP2A	Mx	.000733	4
4	MP2B	X	1.132	4
5	MP2B	Z	-1.961	4
6	MP2B	Mx	-.001	4
7	MP2C	X	1.379	4
8	MP2C	Z	-2.389	4
9	MP2C	Mx	.000887	4
10	MP3A	X	1.416	4
11	MP3A	Z	-2.452	4
12	MP3A	Mx	.000708	4
13	MP3B	X	.96	4
14	MP3B	Z	-1.662	4
15	MP3B	Mx	-.000902	4
16	MP3C	X	1.298	4
17	MP3C	Z	-2.249	4
18	MP3C	Mx	.000835	4
19	MP4B	X	1.777	1
20	MP4B	Z	-3.078	1
21	MP4B	Mx	-.002	1
22	MP4C	X	2.201	1
23	MP4C	Z	-3.813	1
24	MP4C	Mx	.001	1
25	MP1A	X	2.433	1.75

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

	Member Label	Direction	Magnitude [lb.k-ft]	Location [ft. %]
26	MP1A	Z	-4.214	1.75
27	MP1A	Mx	-.001	1.75
28	MP1A	X	2.433	5.5
29	MP1A	Z	-4.214	5.5
30	MP1A	Mx	-.001	5.5
31	MP1B	X	1.409	1.75
32	MP1B	Z	-2.441	1.75
33	MP1B	Mx	.001	1.75
34	MP1B	X	1.409	5.5
35	MP1B	Z	-2.441	5.5
36	MP1B	Mx	.001	5.5
37	MP1C	X	2.169	1.75
38	MP1C	Z	-3.757	1.75
39	MP1C	Mx	-.001	1.75
40	MP1C	X	2.169	5.5
41	MP1C	Z	-3.757	5.5
42	MP1C	Mx	-.001	5.5
43	MP3A	X	.816	1
44	MP3A	Z	-1.414	1
45	MP3A	Mx	-.000408	1
46	MP3B	X	.38	1
47	MP3B	Z	-.659	1
48	MP3B	Mx	.000357	1
49	MP3C	X	.704	1
50	MP3C	Z	-1.219	1
51	MP3C	Mx	-.000452	1
52	MP3A	X	.816	1
53	MP3A	Z	-1.414	1
54	MP3A	Mx	-.000408	1
55	MP3B	X	.38	1
56	MP3B	Z	-.659	1
57	MP3B	Mx	.000357	1
58	MP3C	X	.704	1
59	MP3C	Z	-1.219	1
60	MP3C	Mx	-.000452	1
61	MP3A	X	4.288	1
62	MP3A	Z	-7.427	1
63	MP3A	Mx	-.007	1
64	MP3A	X	4.288	5
65	MP3A	Z	-7.427	5
66	MP3A	Mx	-.007	5
67	MP3B	X	3.269	1
68	MP3B	Z	-5.662	1
69	MP3B	Mx	.005	1
70	MP3B	X	3.269	5
71	MP3B	Z	-5.662	5
72	MP3B	Mx	.005	5
73	MP3C	X	4.025	1
74	MP3C	Z	-6.972	1
75	MP3C	Mx	.002	1
76	MP3C	X	4.025	5
77	MP3C	Z	-6.972	5
78	MP3C	Mx	.002	5
79	MP3A	X	4.288	1
80	MP3A	Z	-7.427	1
81	MP3A	Mx	.003	1
82	MP3A	X	4.288	5
83	MP3A	Z	-7.427	5
84	MP3A	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	3.269	1
86	MP3B	Z	-5.662	1
87	MP3B	Mx	.002	1
88	MP3B	X	3.269	5
89	MP3B	Z	-5.662	5
90	MP3B	Mx	.002	5
91	MP3C	X	4.025	1
92	MP3C	Z	-6.972	1
93	MP3C	Mx	-.007	1
94	MP3C	X	4.025	5
95	MP3C	Z	-6.972	5
96	MP3C	Mx	-.007	5
97	MP4A	X	1.687	2
98	MP4A	Z	-2.923	2
99	MP4A	Mx	-.000844	2
100	MP4A	X	1.687	4
101	MP4A	Z	-2.923	4
102	MP4A	Mx	-.000844	4
103	MP5B	X	.85	2
104	MP5B	Z	-1.472	2
105	MP5B	Mx	.000799	2
106	MP5B	X	.85	4
107	MP5B	Z	-1.472	4
108	MP5B	Mx	.000799	4
109	MP5C	X	1.472	2
110	MP5C	Z	-2.549	2
111	MP5C	Mx	-.000946	2
112	MP5C	X	1.472	4
113	MP5C	Z	-2.549	4
114	MP5C	Mx	-.000946	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	2.082	4
2	MP2A	Z	-1.202	4
3	MP2A	Mx	.001	4
4	MP2B	X	1.882	4
5	MP2B	Z	-1.087	4
6	MP2B	Mx	-.001	4
7	MP2C	X	2.737	4
8	MP2C	Z	-1.58	4
9	MP2C	Mx	.000274	4
10	MP3A	X	1.828	4
11	MP3A	Z	-1.055	4
12	MP3A	Mx	.000914	4
13	MP3B	X	1.554	4
14	MP3B	Z	-.897	4
15	MP3B	Mx	-.000884	4
16	MP3C	X	2.727	4
17	MP3C	Z	-1.574	4
18	MP3C	Mx	.000273	4
19	MP4B	X	2.943	1
20	MP4B	Z	-1.699	1
21	MP4B	Mx	-.002	1
22	MP4C	X	4.412	1
23	MP4C	Z	-2.547	1
24	MP4C	Mx	.000442	1
25	MP1A	X	2.814	1.75

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

	Member Label	Direction	Magnitude[lb, k-ft]	Location[ft, %]
26	MP1A	Z	-1.624	1.75
27	MP1A	Mx	-.001	1.75
28	MP1A	X	2.814	5.5
29	MP1A	Z	-1.624	5.5
30	MP1A	Mx	-.001	5.5
31	MP1B	X	2.198	1.75
32	MP1B	Z	-1.269	1.75
33	MP1B	Mx	.001	1.75
34	MP1B	X	2.198	5.5
35	MP1B	Z	-1.269	5.5
36	MP1B	Mx	.001	5.5
37	MP1C	X	4.829	1.75
38	MP1C	Z	-2.788	1.75
39	MP1C	Mx	-.000484	1.75
40	MP1C	X	4.829	5.5
41	MP1C	Z	-2.788	5.5
42	MP1C	Mx	-.000484	5.5
43	MP3A	X	.818	1
44	MP3A	Z	-.472	1
45	MP3A	Mx	-.000409	1
46	MP3B	X	.555	1
47	MP3B	Z	-.321	1
48	MP3B	Mx	.000316	1
49	MP3C	X	1.676	1
50	MP3C	Z	-.968	1
51	MP3C	Mx	-.000168	1
52	MP3A	X	.818	1
53	MP3A	Z	-.472	1
54	MP3A	Mx	-.000409	1
55	MP3B	X	.555	1
56	MP3B	Z	-.321	1
57	MP3B	Mx	.000316	1
58	MP3C	X	1.676	1
59	MP3C	Z	-.968	1
60	MP3C	Mx	-.000168	1
61	MP3A	X	6.033	1
62	MP3A	Z	-3.483	1
63	MP3A	Mx	-.005	1
64	MP3A	X	6.033	5
65	MP3A	Z	-3.483	5
66	MP3A	Mx	-.005	5
67	MP3B	X	5.42	1
68	MP3B	Z	-3.129	1
69	MP3B	Mx	.002	1
70	MP3B	X	5.42	5
71	MP3B	Z	-3.129	5
72	MP3B	Mx	.002	5
73	MP3C	X	8.04	1
74	MP3C	Z	-4.642	1
75	MP3C	Mx	.005	1
76	MP3C	X	8.04	5
77	MP3C	Z	-4.642	5
78	MP3C	Mx	.005	5
79	MP3A	X	6.033	1
80	MP3A	Z	-3.483	1
81	MP3A	Mx	-.000694	1
82	MP3A	X	6.033	5
83	MP3A	Z	-3.483	5
84	MP3A	Mx	-.000694	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	5.42	1
86	MP3B	Z	-3.129	1
87	MP3B	Mx	.004	1
88	MP3B	X	5.42	5
89	MP3B	Z	-3.129	5
90	MP3B	Mx	.004	5
91	MP3C	X	8.04	1
92	MP3C	Z	-4.642	1
93	MP3C	Mx	-.007	1
94	MP3C	X	8.04	5
95	MP3C	Z	-4.642	5
96	MP3C	Mx	-.007	5
97	MP4A	X	1.777	2
98	MP4A	Z	-1.026	2
99	MP4A	Mx	-.000888	2
100	MP4A	X	1.777	4
101	MP4A	Z	-1.026	4
102	MP4A	Mx	-.000888	4
103	MP5B	X	1.273	2
104	MP5B	Z	-.735	2
105	MP5B	Mx	.000724	2
106	MP5B	X	1.273	4
107	MP5B	Z	-.735	4
108	MP5B	Mx	.000724	4
109	MP5C	X	3.427	2
110	MP5C	Z	-1.978	2
111	MP5C	Mx	-.000343	2
112	MP5C	X	3.427	4
113	MP5C	Z	-1.978	4
114	MP5C	Mx	-.000343	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	2.142	4
2	MP2A	Z	0	4
3	MP2A	Mx	.001	4
4	MP2B	X	2.576	4
5	MP2B	Z	0	4
6	MP2B	Mx	-.000987	4
7	MP2C	X	3.069	4
8	MP2C	Z	0	4
9	MP2C	Mx	-.000525	4
10	MP3A	X	1.751	4
11	MP3A	Z	0	4
12	MP3A	Mx	.000876	4
13	MP3B	X	2.346	4
14	MP3B	Z	0	4
15	MP3B	Mx	-.000899	4
16	MP3C	X	3.024	4
17	MP3C	Z	0	4
18	MP3C	Mx	-.000517	4
19	MP4B	X	4.089	1
20	MP4B	Z	0	1
21	MP4B	Mx	-.002	1
22	MP4C	X	4.937	1
23	MP4C	Z	0	1
24	MP4C	Mx	-.000844	1
25	MP1A	X	2.44	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
26	MP1A	Z	0	1.75
27	MP1A	Mx	-.001	1.75
28	MP1A	X	2.44	5.5
29	MP1A	Z	0	5.5
30	MP1A	Mx	-.001	5.5
31	MP1B	X	3.776	1.75
32	MP1B	Z	0	1.75
33	MP1B	Mx	.001	1.75
34	MP1B	X	3.776	5.5
35	MP1B	Z	0	5.5
36	MP1B	Mx	.001	5.5
37	MP1C	X	5.296	1.75
38	MP1C	Z	0	1.75
39	MP1C	Mx	.000906	1.75
40	MP1C	X	5.296	5.5
41	MP1C	Z	0	5.5
42	MP1C	Mx	.000906	5.5
43	MP3A	X	.6	1
44	MP3A	Z	0	1
45	MP3A	Mx	-.0003	1
46	MP3B	X	1.169	1
47	MP3B	Z	0	1
48	MP3B	Mx	.000448	1
49	MP3C	X	1.816	1
50	MP3C	Z	0	1
51	MP3C	Mx	.000311	1
52	MP3A	X	.6	1
53	MP3A	Z	0	1
54	MP3A	Mx	-.0003	1
55	MP3B	X	1.169	1
56	MP3B	Z	0	1
57	MP3B	Mx	.000448	1
58	MP3C	X	1.816	1
59	MP3C	Z	0	1
60	MP3C	Mx	.000311	1
61	MP3A	X	6.161	1
62	MP3A	Z	0	1
63	MP3A	Mx	-.003	1
64	MP3A	X	6.161	5
65	MP3A	Z	0	5
66	MP3A	Mx	-.003	5
67	MP3B	X	7.491	1
68	MP3B	Z	0	1
69	MP3B	Mx	-.000341	1
70	MP3B	X	7.491	5
71	MP3B	Z	0	5
72	MP3B	Mx	-.000341	5
73	MP3C	X	9.004	1
74	MP3C	Z	0	1
75	MP3C	Mx	.007	1
76	MP3C	X	9.004	5
77	MP3C	Z	0	5
78	MP3C	Mx	.007	5
79	MP3A	X	6.161	1
80	MP3A	Z	0	1
81	MP3A	Mx	-.003	1
82	MP3A	X	6.161	5
83	MP3A	Z	0	5
84	MP3A	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	7.491	1
86	MP3B	Z	0	1
87	MP3B	Mx	.006	1
88	MP3B	X	7.491	5
89	MP3B	Z	0	5
90	MP3B	Mx	.006	5
91	MP3C	X	9.004	1
92	MP3C	Z	0	1
93	MP3C	Mx	-.004	1
94	MP3C	X	9.004	5
95	MP3C	Z	0	5
96	MP3C	Mx	-.004	5
97	MP4A	X	1.39	2
98	MP4A	Z	0	2
99	MP4A	Mx	-.000695	2
100	MP4A	X	1.39	4
101	MP4A	Z	0	4
102	MP4A	Mx	-.000695	4
103	MP5B	X	2.484	2
104	MP5B	Z	0	2
105	MP5B	Mx	.000951	2
106	MP5B	X	2.484	4
107	MP5B	Z	0	4
108	MP5B	Mx	.000951	4
109	MP5C	X	3.727	2
110	MP5C	Z	0	2
111	MP5C	Mx	.000637	2
112	MP5C	X	3.727	4
113	MP5C	Z	0	4
114	MP5C	Mx	.000637	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	2.082	4
2	MP2A	Z	1.202	4
3	MP2A	Mx	.001	4
4	MP2B	X	2.658	4
5	MP2B	Z	1.535	4
6	MP2B	Mx	-.000525	4
7	MP2C	X	2.231	4
8	MP2C	Z	1.288	4
9	MP2C	Mx	-.000987	4
10	MP3A	X	1.828	4
11	MP3A	Z	1.055	4
12	MP3A	Mx	.000914	4
13	MP3B	X	2.618	4
14	MP3B	Z	1.512	4
15	MP3B	Mx	-.000517	4
16	MP3C	X	2.032	4
17	MP3C	Z	1.173	4
18	MP3C	Mx	-.000899	4
19	MP4B	X	4.276	1
20	MP4B	Z	2.469	1
21	MP4B	Mx	-.000844	1
22	MP4C	X	3.541	1
23	MP4C	Z	2.045	1
24	MP4C	Mx	-.002	1
25	MP1A	X	2.814	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
26	MP1A	Z	1.624	1.75
27	MP1A	Mx	-.001	1.75
28	MP1A	X	2.814	5.5
29	MP1A	Z	1.624	5.5
30	MP1A	Mx	-.001	5.5
31	MP1B	X	4.586	1.75
32	MP1B	Z	2.648	1.75
33	MP1B	Mx	.000905	1.75
34	MP1B	X	4.586	5.5
35	MP1B	Z	2.648	5.5
36	MP1B	Mx	.000905	5.5
37	MP1C	X	3.27	1.75
38	MP1C	Z	1.888	1.75
39	MP1C	Mx	.001	1.75
40	MP1C	X	3.27	5.5
41	MP1C	Z	1.888	5.5
42	MP1C	Mx	.001	5.5
43	MP3A	X	.818	1
44	MP3A	Z	.472	1
45	MP3A	Mx	-.000409	1
46	MP3B	X	1.573	1
47	MP3B	Z	.908	1
48	MP3B	Mx	.000311	1
49	MP3C	X	1.012	1
50	MP3C	Z	.584	1
51	MP3C	Mx	.000447	1
52	MP3A	X	.818	1
53	MP3A	Z	.472	1
54	MP3A	Mx	-.000409	1
55	MP3B	X	1.573	1
56	MP3B	Z	.908	1
57	MP3B	Mx	.000311	1
58	MP3C	X	1.012	1
59	MP3C	Z	.584	1
60	MP3C	Mx	.000447	1
61	MP3A	X	6.033	1
62	MP3A	Z	3.483	1
63	MP3A	Mx	-.000694	1
64	MP3A	X	6.033	5
65	MP3A	Z	3.483	5
66	MP3A	Mx	-.000694	5
67	MP3B	X	7.798	1
68	MP3B	Z	4.502	1
69	MP3B	Mx	-.004	1
70	MP3B	X	7.798	5
71	MP3B	Z	4.502	5
72	MP3B	Mx	-.004	5
73	MP3C	X	6.488	1
74	MP3C	Z	3.746	1
75	MP3C	Mx	.006	1
76	MP3C	X	6.488	5
77	MP3C	Z	3.746	5
78	MP3C	Mx	.006	5
79	MP3A	X	6.033	1
80	MP3A	Z	3.483	1
81	MP3A	Mx	-.005	1
82	MP3A	X	6.033	5
83	MP3A	Z	3.483	5
84	MP3A	Mx	-.005	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	7.798	1
86	MP3B	Z	4.502	1
87	MP3B	Mx	.007	1
88	MP3B	X	7.798	5
89	MP3B	Z	4.502	5
90	MP3B	Mx	.007	5
91	MP3C	X	6.488	1
92	MP3C	Z	3.746	1
93	MP3C	Mx	-.000341	1
94	MP3C	X	6.488	5
95	MP3C	Z	3.746	5
96	MP3C	Mx	-.000341	5
97	MP4A	X	1.777	2
98	MP4A	Z	1.026	2
99	MP4A	Mx	-.000888	2
100	MP4A	X	1.777	4
101	MP4A	Z	1.026	4
102	MP4A	Mx	-.000888	4
103	MP5B	X	3.228	2
104	MP5B	Z	1.863	2
105	MP5B	Mx	.000638	2
106	MP5B	X	3.228	4
107	MP5B	Z	1.863	4
108	MP5B	Mx	.000638	4
109	MP5C	X	2.151	2
110	MP5C	Z	1.242	2
111	MP5C	Mx	.000951	2
112	MP5C	X	2.151	4
113	MP5C	Z	1.242	4
114	MP5C	Mx	.000951	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	1.465	4
2	MP2A	Z	2.537	4
3	MP2A	Mx	.000733	4
4	MP2B	X	1.58	4
5	MP2B	Z	2.737	4
6	MP2B	Mx	.000274	4
7	MP2C	X	1.087	4
8	MP2C	Z	1.882	4
9	MP2C	Mx	-.001	4
10	MP3A	X	1.416	4
11	MP3A	Z	2.452	4
12	MP3A	Mx	.000708	4
13	MP3B	X	1.574	4
14	MP3B	Z	2.727	4
15	MP3B	Mx	.000274	4
16	MP3C	X	.897	4
17	MP3C	Z	1.554	4
18	MP3C	Mx	-.000884	4
19	MP4B	X	2.547	1
20	MP4B	Z	4.412	1
21	MP4B	Mx	.000442	1
22	MP4C	X	1.699	1
23	MP4C	Z	2.943	1
24	MP4C	Mx	-.002	1
25	MP1A	X	2.433	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	4.214	1.75
27	MP1A	Mx	-.001	1.75
28	MP1A	X	2.433	5.5
29	MP1A	Z	4.214	5.5
30	MP1A	Mx	-.001	5.5
31	MP1B	X	2.788	1.75
32	MP1B	Z	4.829	1.75
33	MP1B	Mx	-.000484	1.75
34	MP1B	X	2.788	5.5
35	MP1B	Z	4.829	5.5
36	MP1B	Mx	-.000484	5.5
37	MP1C	X	1.269	1.75
38	MP1C	Z	2.198	1.75
39	MP1C	Mx	.001	1.75
40	MP1C	X	1.269	5.5
41	MP1C	Z	2.198	5.5
42	MP1C	Mx	.001	5.5
43	MP3A	X	.816	1
44	MP3A	Z	1.414	1
45	MP3A	Mx	-.000408	1
46	MP3B	X	.968	1
47	MP3B	Z	1.676	1
48	MP3B	Mx	-.000168	1
49	MP3C	X	.321	1
50	MP3C	Z	.555	1
51	MP3C	Mx	.000316	1
52	MP3A	X	.816	1
53	MP3A	Z	1.414	1
54	MP3A	Mx	-.000408	1
55	MP3B	X	.968	1
56	MP3B	Z	1.676	1
57	MP3B	Mx	-.000168	1
58	MP3C	X	.321	1
59	MP3C	Z	.555	1
60	MP3C	Mx	.000316	1
61	MP3A	X	4.288	1
62	MP3A	Z	7.427	1
63	MP3A	Mx	.003	1
64	MP3A	X	4.288	5
65	MP3A	Z	7.427	5
66	MP3A	Mx	.003	5
67	MP3B	X	4.642	1
68	MP3B	Z	8.04	1
69	MP3B	Mx	-.007	1
70	MP3B	X	4.642	5
71	MP3B	Z	8.04	5
72	MP3B	Mx	-.007	5
73	MP3C	X	3.129	1
74	MP3C	Z	5.42	1
75	MP3C	Mx	.004	1
76	MP3C	X	3.129	5
77	MP3C	Z	5.42	5
78	MP3C	Mx	.004	5
79	MP3A	X	4.288	1
80	MP3A	Z	7.427	1
81	MP3A	Mx	-.007	1
82	MP3A	X	4.288	5
83	MP3A	Z	7.427	5
84	MP3A	Mx	-.007	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	4.642	1
86	MP3B	Z	8.04	1
87	MP3B	Mx	.005	1
88	MP3B	X	4.642	5
89	MP3B	Z	8.04	5
90	MP3B	Mx	.005	5
91	MP3C	X	3.129	1
92	MP3C	Z	5.42	1
93	MP3C	Mx	.002	1
94	MP3C	X	3.129	5
95	MP3C	Z	5.42	5
96	MP3C	Mx	.002	5
97	MP4A	X	1.687	2
98	MP4A	Z	2.923	2
99	MP4A	Mx	-.000844	2
100	MP4A	X	1.687	4
101	MP4A	Z	2.923	4
102	MP4A	Mx	-.000844	4
103	MP5B	X	1.978	2
104	MP5B	Z	3.427	2
105	MP5B	Mx	-.000344	2
106	MP5B	X	1.978	4
107	MP5B	Z	3.427	4
108	MP5B	Mx	-.000344	4
109	MP5C	X	.735	2
110	MP5C	Z	1.273	2
111	MP5C	Mx	.000724	2
112	MP5C	X	.735	4
113	MP5C	Z	1.273	4
114	MP5C	Mx	.000724	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	0	4
2	MP2A	Z	3.192	4
3	MP2A	Mx	0	4
4	MP2B	X	0	4
5	MP2B	Z	2.758	4
6	MP2B	Mx	.000886	4
7	MP2C	X	0	4
8	MP2C	Z	2.265	4
9	MP2C	Mx	-.001	4
10	MP3A	X	0	4
11	MP3A	Z	3.192	4
12	MP3A	Mx	0	4
13	MP3B	X	0	4
14	MP3B	Z	2.597	4
15	MP3B	Mx	.000835	4
16	MP3C	X	0	4
17	MP3C	Z	1.919	4
18	MP3C	Mx	-.000902	4
19	MP4B	X	0	1
20	MP4B	Z	4.403	1
21	MP4B	Mx	.001	1
22	MP4C	X	0	1
23	MP4C	Z	3.555	1
24	MP4C	Mx	-.002	1
25	MP1A	X	0	1.75

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

	Member Label	Direction	Magnitude(lb.k.ft)	Location(ft.%)
26	MP1A	Z	5.674	1.75
27	MP1A	Mx	0	1.75
28	MP1A	X	0	5.5
29	MP1A	Z	5.674	5.5
30	MP1A	Mx	0	5.5
31	MP1B	X	0	1.75
32	MP1B	Z	4.338	1.75
33	MP1B	Mx	-.001	1.75
34	MP1B	X	0	5.5
35	MP1B	Z	4.338	5.5
36	MP1B	Mx	-.001	5.5
37	MP1C	X	0	1.75
38	MP1C	Z	2.819	1.75
39	MP1C	Mx	.001	1.75
40	MP1C	X	0	5.5
41	MP1C	Z	2.819	5.5
42	MP1C	Mx	.001	5.5
43	MP3A	X	0	1
44	MP3A	Z	1.977	1
45	MP3A	Mx	0	1
46	MP3B	X	0	1
47	MP3B	Z	1.408	1
48	MP3B	Mx	-.000453	1
49	MP3C	X	0	1
50	MP3C	Z	.761	1
51	MP3C	Mx	.000358	1
52	MP3A	X	0	1
53	MP3A	Z	1.977	1
54	MP3A	Mx	0	1
55	MP3B	X	0	1
56	MP3B	Z	1.408	1
57	MP3B	Mx	-.000453	1
58	MP3C	X	0	1
59	MP3C	Z	.761	1
60	MP3C	Mx	.000358	1
61	MP3A	X	0	1
62	MP3A	Z	9.381	1
63	MP3A	Mx	.006	1
64	MP3A	X	0	5
65	MP3A	Z	9.381	5
66	MP3A	Mx	.006	5
67	MP3B	X	0	1
68	MP3B	Z	8.051	1
69	MP3B	Mx	-.007	1
70	MP3B	X	0	5
71	MP3B	Z	8.051	5
72	MP3B	Mx	-.007	5
73	MP3C	X	0	1
74	MP3C	Z	6.538	1
75	MP3C	Mx	.002	1
76	MP3C	X	0	5
77	MP3C	Z	6.538	5
78	MP3C	Mx	.002	5
79	MP3A	X	0	1
80	MP3A	Z	9.381	1
81	MP3A	Mx	-.006	1
82	MP3A	X	0	5
83	MP3A	Z	9.381	5
84	MP3A	Mx	-.006	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	0	1
86	MP3B	Z	8.051	1
87	MP3B	Mx	.002	1
88	MP3B	X	0	5
89	MP3B	Z	8.051	5
90	MP3B	Mx	.002	5
91	MP3C	X	0	1
92	MP3C	Z	6.538	1
93	MP3C	Mx	.005	1
94	MP3C	X	0	5
95	MP3C	Z	6.538	5
96	MP3C	Mx	.005	5
97	MP4A	X	0	2
98	MP4A	Z	4.037	2
99	MP4A	Mx	0	2
100	MP4A	X	0	4
101	MP4A	Z	4.037	4
102	MP4A	Mx	0	4
103	MP5B	X	0	2
104	MP5B	Z	2.943	2
105	MP5B	Mx	-.000946	2
106	MP5B	X	0	4
107	MP5B	Z	2.943	4
108	MP5B	Mx	-.000946	4
109	MP5C	X	0	2
110	MP5C	Z	1.7	2
111	MP5C	Mx	.000799	2
112	MP5C	X	0	4
113	MP5C	Z	1.7	4
114	MP5C	Mx	.000799	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-1.465	4
2	MP2A	Z	2.537	4
3	MP2A	Mx	-.000733	4
4	MP2B	X	-1.132	4
5	MP2B	Z	1.961	4
6	MP2B	Mx	.001	4
7	MP2C	X	-1.379	4
8	MP2C	Z	2.389	4
9	MP2C	Mx	-.000887	4
10	MP3A	X	-1.416	4
11	MP3A	Z	2.452	4
12	MP3A	Mx	-.000708	4
13	MP3B	X	-.96	4
14	MP3B	Z	1.662	4
15	MP3B	Mx	.000902	4
16	MP3C	X	-1.298	4
17	MP3C	Z	2.249	4
18	MP3C	Mx	-.000835	4
19	MP4B	X	-1.777	1
20	MP4B	Z	3.078	1
21	MP4B	Mx	.002	1
22	MP4C	X	-2.201	1
23	MP4C	Z	3.813	1
24	MP4C	Mx	-.001	1
25	MP1A	X	-2.433	1.75

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

	Member Label	Direction	Magnitude[lb, k ft]	Location[ft, %]
26	MP1A	Z	4.214	1.75
27	MP1A	Mx	.001	1.75
28	MP1A	X	-2.433	5.5
29	MP1A	Z	4.214	5.5
30	MP1A	Mx	.001	5.5
31	MP1B	X	-1.409	1.75
32	MP1B	Z	2.441	1.75
33	MP1B	Mx	-.001	1.75
34	MP1B	X	-1.409	5.5
35	MP1B	Z	2.441	5.5
36	MP1B	Mx	-.001	5.5
37	MP1C	X	-2.169	1.75
38	MP1C	Z	3.757	1.75
39	MP1C	Mx	.001	1.75
40	MP1C	X	-2.169	5.5
41	MP1C	Z	3.757	5.5
42	MP1C	Mx	.001	5.5
43	MP3A	X	-.816	1
44	MP3A	Z	1.414	1
45	MP3A	Mx	.000408	1
46	MP3B	X	-.38	1
47	MP3B	Z	.659	1
48	MP3B	Mx	-.000357	1
49	MP3C	X	-.704	1
50	MP3C	Z	1.219	1
51	MP3C	Mx	.000452	1
52	MP3A	X	-.816	1
53	MP3A	Z	1.414	1
54	MP3A	Mx	.000408	1
55	MP3B	X	-.38	1
56	MP3B	Z	.659	1
57	MP3B	Mx	-.000357	1
58	MP3C	X	-.704	1
59	MP3C	Z	1.219	1
60	MP3C	Mx	.000452	1
61	MP3A	X	-4.288	1
62	MP3A	Z	7.427	1
63	MP3A	Mx	.007	1
64	MP3A	X	-4.288	5
65	MP3A	Z	7.427	5
66	MP3A	Mx	.007	5
67	MP3B	X	-3.269	1
68	MP3B	Z	5.662	1
69	MP3B	Mx	-.005	1
70	MP3B	X	-3.269	5
71	MP3B	Z	5.662	5
72	MP3B	Mx	-.005	5
73	MP3C	X	-4.025	1
74	MP3C	Z	6.972	1
75	MP3C	Mx	-.002	1
76	MP3C	X	-4.025	5
77	MP3C	Z	6.972	5
78	MP3C	Mx	-.002	5
79	MP3A	X	-4.288	1
80	MP3A	Z	7.427	1
81	MP3A	Mx	-.003	1
82	MP3A	X	-4.288	5
83	MP3A	Z	7.427	5
84	MP3A	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
85	MP3B	X	-3.269	1
86	MP3B	Z	5.662	1
87	MP3B	Mx	-.002	1
88	MP3B	X	-3.269	5
89	MP3B	Z	5.662	5
90	MP3B	Mx	-.002	5
91	MP3C	X	-4.025	1
92	MP3C	Z	6.972	1
93	MP3C	Mx	.007	1
94	MP3C	X	-4.025	5
95	MP3C	Z	6.972	5
96	MP3C	Mx	.007	5
97	MP4A	X	-1.687	2
98	MP4A	Z	2.923	2
99	MP4A	Mx	.000844	2
100	MP4A	X	-1.687	4
101	MP4A	Z	2.923	4
102	MP4A	Mx	.000844	4
103	MP5B	X	-.85	2
104	MP5B	Z	1.472	2
105	MP5B	Mx	-.000799	2
106	MP5B	X	-.85	4
107	MP5B	Z	1.472	4
108	MP5B	Mx	-.000799	4
109	MP5C	X	-1.472	2
110	MP5C	Z	2.549	2
111	MP5C	Mx	.000946	2
112	MP5C	X	-1.472	4
113	MP5C	Z	2.549	4
114	MP5C	Mx	.000946	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	-2.082	4
2	MP2A	Z	1.202	4
3	MP2A	Mx	-.001	4
4	MP2B	X	-1.882	4
5	MP2B	Z	1.087	4
6	MP2B	Mx	.001	4
7	MP2C	X	-2.737	4
8	MP2C	Z	1.58	4
9	MP2C	Mx	-.000274	4
10	MP3A	X	-1.828	4
11	MP3A	Z	1.055	4
12	MP3A	Mx	-.000914	4
13	MP3B	X	-1.554	4
14	MP3B	Z	.897	4
15	MP3B	Mx	.000884	4
16	MP3C	X	-2.727	4
17	MP3C	Z	1.574	4
18	MP3C	Mx	-.000273	4
19	MP4B	X	-2.943	1
20	MP4B	Z	1.699	1
21	MP4B	Mx	.002	1
22	MP4C	X	-4.412	1
23	MP4C	Z	2.547	1
24	MP4C	Mx	-.000442	1
25	MP1A	X	-2.814	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP1A	Z	1.624	1.75
27	MP1A	Mx	.001	1.75
28	MP1A	X	-2.814	5.5
29	MP1A	Z	1.624	5.5
30	MP1A	Mx	.001	5.5
31	MP1B	X	-2.198	1.75
32	MP1B	Z	1.269	1.75
33	MP1B	Mx	-.001	1.75
34	MP1B	X	-2.198	5.5
35	MP1B	Z	1.269	5.5
36	MP1B	Mx	-.001	5.5
37	MP1C	X	-4.829	1.75
38	MP1C	Z	2.788	1.75
39	MP1C	Mx	.000484	1.75
40	MP1C	X	-4.829	5.5
41	MP1C	Z	2.788	5.5
42	MP1C	Mx	.000484	5.5
43	MP3A	X	-.818	1
44	MP3A	Z	.472	1
45	MP3A	Mx	.000409	1
46	MP3B	X	-.555	1
47	MP3B	Z	.321	1
48	MP3B	Mx	-.000316	1
49	MP3C	X	-1.676	1
50	MP3C	Z	.968	1
51	MP3C	Mx	.000168	1
52	MP3A	X	-.818	1
53	MP3A	Z	.472	1
54	MP3A	Mx	.000409	1
55	MP3B	X	-.555	1
56	MP3B	Z	.321	1
57	MP3B	Mx	-.000316	1
58	MP3C	X	-1.676	1
59	MP3C	Z	.968	1
60	MP3C	Mx	.000168	1
61	MP3A	X	-6.033	1
62	MP3A	Z	3.483	1
63	MP3A	Mx	.005	1
64	MP3A	X	-6.033	5
65	MP3A	Z	3.483	5
66	MP3A	Mx	.005	5
67	MP3B	X	-5.42	1
68	MP3B	Z	3.129	1
69	MP3B	Mx	-.002	1
70	MP3B	X	-5.42	5
71	MP3B	Z	3.129	5
72	MP3B	Mx	-.002	5
73	MP3C	X	-8.04	1
74	MP3C	Z	4.642	1
75	MP3C	Mx	-.005	1
76	MP3C	X	-8.04	5
77	MP3C	Z	4.642	5
78	MP3C	Mx	-.005	5
79	MP3A	X	-6.033	1
80	MP3A	Z	3.483	1
81	MP3A	Mx	.000694	1
82	MP3A	X	-6.033	5
83	MP3A	Z	3.483	5
84	MP3A	Mx	.000694	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
85	MP3B	X	-5.42	1
86	MP3B	Z	3.129	1
87	MP3B	Mx	-.004	1
88	MP3B	X	-5.42	5
89	MP3B	Z	3.129	5
90	MP3B	Mx	-.004	5
91	MP3C	X	-8.04	1
92	MP3C	Z	4.642	1
93	MP3C	Mx	.007	1
94	MP3C	X	-8.04	5
95	MP3C	Z	4.642	5
96	MP3C	Mx	.007	5
97	MP4A	X	-1.777	2
98	MP4A	Z	1.026	2
99	MP4A	Mx	.000888	2
100	MP4A	X	-1.777	4
101	MP4A	Z	1.026	4
102	MP4A	Mx	.000888	4
103	MP5B	X	-1.273	2
104	MP5B	Z	.735	2
105	MP5B	Mx	-.000724	2
106	MP5B	X	-1.273	4
107	MP5B	Z	.735	4
108	MP5B	Mx	-.000724	4
109	MP5C	X	-3.427	2
110	MP5C	Z	1.978	2
111	MP5C	Mx	.000343	2
112	MP5C	X	-3.427	4
113	MP5C	Z	1.978	4
114	MP5C	Mx	.000343	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft, %]
1	MP2A	X	-2.142	4
2	MP2A	Z	0	4
3	MP2A	Mx	-.001	4
4	MP2B	X	-2.576	4
5	MP2B	Z	0	4
6	MP2B	Mx	.000987	4
7	MP2C	X	-3.069	4
8	MP2C	Z	0	4
9	MP2C	Mx	.000525	4
10	MP3A	X	-1.751	4
11	MP3A	Z	0	4
12	MP3A	Mx	-.000876	4
13	MP3B	X	-2.346	4
14	MP3B	Z	0	4
15	MP3B	Mx	.000899	4
16	MP3C	X	-3.024	4
17	MP3C	Z	0	4
18	MP3C	Mx	.000517	4
19	MP4B	X	-4.089	1
20	MP4B	Z	0	1
21	MP4B	Mx	.002	1
22	MP4C	X	-4.937	1
23	MP4C	Z	0	1
24	MP4C	Mx	.000844	1
25	MP1A	X	-2.44	1.75

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

	Member Label	Direction	Magnitude(lb.k-ft)	Location(ft.%)
26	MP1A	Z	0	1.75
27	MP1A	Mx	.001	1.75
28	MP1A	X	-2.44	5.5
29	MP1A	Z	0	5.5
30	MP1A	Mx	.001	5.5
31	MP1B	X	-3.776	1.75
32	MP1B	Z	0	1.75
33	MP1B	Mx	-.001	1.75
34	MP1B	X	-3.776	5.5
35	MP1B	Z	0	5.5
36	MP1B	Mx	-.001	5.5
37	MP1C	X	-5.296	1.75
38	MP1C	Z	0	1.75
39	MP1C	Mx	-.000906	1.75
40	MP1C	X	-5.296	5.5
41	MP1C	Z	0	5.5
42	MP1C	Mx	-.000906	5.5
43	MP3A	X	-.6	1
44	MP3A	Z	0	1
45	MP3A	Mx	.0003	1
46	MP3B	X	-1.169	1
47	MP3B	Z	0	1
48	MP3B	Mx	-.000448	1
49	MP3C	X	-1.816	1
50	MP3C	Z	0	1
51	MP3C	Mx	-.000311	1
52	MP3A	X	-.6	1
53	MP3A	Z	0	1
54	MP3A	Mx	.0003	1
55	MP3B	X	-1.169	1
56	MP3B	Z	0	1
57	MP3B	Mx	-.000448	1
58	MP3C	X	-1.816	1
59	MP3C	Z	0	1
60	MP3C	Mx	-.000311	1
61	MP3A	X	-6.161	1
62	MP3A	Z	0	1
63	MP3A	Mx	.003	1
64	MP3A	X	-6.161	5
65	MP3A	Z	0	5
66	MP3A	Mx	.003	5
67	MP3B	X	-7.491	1
68	MP3B	Z	0	1
69	MP3B	Mx	.000341	1
70	MP3B	X	-7.491	5
71	MP3B	Z	0	5
72	MP3B	Mx	.000341	5
73	MP3C	X	-9.004	1
74	MP3C	Z	0	1
75	MP3C	Mx	-.007	1
76	MP3C	X	-9.004	5
77	MP3C	Z	0	5
78	MP3C	Mx	-.007	5
79	MP3A	X	-6.161	1
80	MP3A	Z	0	1
81	MP3A	Mx	.003	1
82	MP3A	X	-6.161	5
83	MP3A	Z	0	5
84	MP3A	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location(ft. %)
85	MP3B	X	-7.491	1
86	MP3B	Z	0	1
87	MP3B	Mx	-.006	1
88	MP3B	X	-7.491	5
89	MP3B	Z	0	5
90	MP3B	Mx	-.006	5
91	MP3C	X	-9.004	1
92	MP3C	Z	0	1
93	MP3C	Mx	.004	1
94	MP3C	X	-9.004	5
95	MP3C	Z	0	5
96	MP3C	Mx	.004	5
97	MP4A	X	-1.39	2
98	MP4A	Z	0	2
99	MP4A	Mx	.000695	2
100	MP4A	X	-1.39	4
101	MP4A	Z	0	4
102	MP4A	Mx	.000695	4
103	MP5B	X	-2.484	2
104	MP5B	Z	0	2
105	MP5B	Mx	-.000951	2
106	MP5B	X	-2.484	4
107	MP5B	Z	0	4
108	MP5B	Mx	-.000951	4
109	MP5C	X	-3.727	2
110	MP5C	Z	0	2
111	MP5C	Mx	-.000637	2
112	MP5C	X	-3.727	4
113	MP5C	Z	0	4
114	MP5C	Mx	-.000637	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location(ft. %)
1	MP2A	X	-2.082	4
2	MP2A	Z	-1.202	4
3	MP2A	Mx	-.001	4
4	MP2B	X	-2.658	4
5	MP2B	Z	-1.535	4
6	MP2B	Mx	.000525	4
7	MP2C	X	-2.231	4
8	MP2C	Z	-1.288	4
9	MP2C	Mx	.000987	4
10	MP3A	X	-1.828	4
11	MP3A	Z	-1.055	4
12	MP3A	Mx	-.000914	4
13	MP3B	X	-2.618	4
14	MP3B	Z	-1.512	4
15	MP3B	Mx	.000517	4
16	MP3C	X	-2.032	4
17	MP3C	Z	-1.173	4
18	MP3C	Mx	.000899	4
19	MP4B	X	-4.276	1
20	MP4B	Z	-2.469	1
21	MP4B	Mx	.000844	1
22	MP4C	X	-3.541	1
23	MP4C	Z	-2.045	1
24	MP4C	Mx	.002	1
25	MP1A	X	-2.814	1.75

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

	Member Label	Direction	Magnitude [lb.k.ft]	Location [ft.%]
26	MP1A	Z	-1.624	1.75
27	MP1A	Mx	.001	1.75
28	MP1A	X	-2.814	5.5
29	MP1A	Z	-1.624	5.5
30	MP1A	Mx	.001	5.5
31	MP1B	X	-4.586	1.75
32	MP1B	Z	-2.648	1.75
33	MP1B	Mx	-.000905	1.75
34	MP1B	X	-4.586	5.5
35	MP1B	Z	-2.648	5.5
36	MP1B	Mx	-.000905	5.5
37	MP1C	X	-3.27	1.75
38	MP1C	Z	-1.888	1.75
39	MP1C	Mx	-.001	1.75
40	MP1C	X	-3.27	5.5
41	MP1C	Z	-1.888	5.5
42	MP1C	Mx	-.001	5.5
43	MP3A	X	-.818	1
44	MP3A	Z	-.472	1
45	MP3A	Mx	.000409	1
46	MP3B	X	-1.573	1
47	MP3B	Z	-.908	1
48	MP3B	Mx	-.000311	1
49	MP3C	X	-1.012	1
50	MP3C	Z	-.584	1
51	MP3C	Mx	-.000447	1
52	MP3A	X	-.818	1
53	MP3A	Z	-.472	1
54	MP3A	Mx	.000409	1
55	MP3B	X	-1.573	1
56	MP3B	Z	-.908	1
57	MP3B	Mx	-.000311	1
58	MP3C	X	-1.012	1
59	MP3C	Z	-.584	1
60	MP3C	Mx	-.000447	1
61	MP3A	X	-6.033	1
62	MP3A	Z	-3.483	1
63	MP3A	Mx	.000694	1
64	MP3A	X	-6.033	5
65	MP3A	Z	-3.483	5
66	MP3A	Mx	.000694	5
67	MP3B	X	-7.798	1
68	MP3B	Z	-4.502	1
69	MP3B	Mx	.004	1
70	MP3B	X	-7.798	5
71	MP3B	Z	-4.502	5
72	MP3B	Mx	.004	5
73	MP3C	X	-6.488	1
74	MP3C	Z	-3.746	1
75	MP3C	Mx	-.006	1
76	MP3C	X	-6.488	5
77	MP3C	Z	-3.746	5
78	MP3C	Mx	-.006	5
79	MP3A	X	-6.033	1
80	MP3A	Z	-3.483	1
81	MP3A	Mx	.005	1
82	MP3A	X	-6.033	5
83	MP3A	Z	-3.483	5
84	MP3A	Mx	.005	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	-7.798	1
86	MP3B	Z	-4.502	1
87	MP3B	Mx	-.007	1
88	MP3B	X	-7.798	5
89	MP3B	Z	-4.502	5
90	MP3B	Mx	-.007	5
91	MP3C	X	-6.488	1
92	MP3C	Z	-3.746	1
93	MP3C	Mx	.000341	1
94	MP3C	X	-6.488	5
95	MP3C	Z	-3.746	5
96	MP3C	Mx	.000341	5
97	MP4A	X	-1.777	2
98	MP4A	Z	-1.026	2
99	MP4A	Mx	.000888	2
100	MP4A	X	-1.777	4
101	MP4A	Z	-1.026	4
102	MP4A	Mx	.000888	4
103	MP5B	X	-3.228	2
104	MP5B	Z	-1.863	2
105	MP5B	Mx	-.000638	2
106	MP5B	X	-3.228	4
107	MP5B	Z	-1.863	4
108	MP5B	Mx	-.000638	4
109	MP5C	X	-2.151	2
110	MP5C	Z	-1.242	2
111	MP5C	Mx	-.000951	2
112	MP5C	X	-2.151	4
113	MP5C	Z	-1.242	4
114	MP5C	Mx	-.000951	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	-1.465	4
2	MP2A	Z	-2.537	4
3	MP2A	Mx	-.000733	4
4	MP2B	X	-1.58	4
5	MP2B	Z	-2.737	4
6	MP2B	Mx	-.000274	4
7	MP2C	X	-1.087	4
8	MP2C	Z	-1.882	4
9	MP2C	Mx	.001	4
10	MP3A	X	-1.416	4
11	MP3A	Z	-2.452	4
12	MP3A	Mx	-.000708	4
13	MP3B	X	-1.574	4
14	MP3B	Z	-2.727	4
15	MP3B	Mx	-.000274	4
16	MP3C	X	-.897	4
17	MP3C	Z	-1.554	4
18	MP3C	Mx	.000884	4
19	MP4B	X	-2.547	1
20	MP4B	Z	-4.412	1
21	MP4B	Mx	-.000442	1
22	MP4C	X	-1.699	1
23	MP4C	Z	-2.943	1
24	MP4C	Mx	.002	1
25	MP1A	X	-2.433	1.75

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

Member Label		Direction	Magnitude[lb.k-ft]	Location[ft, %]
26	MP1A	Z	-4.214	1.75
27	MP1A	Mx	.001	1.75
28	MP1A	X	-2.433	5.5
29	MP1A	Z	-4.214	5.5
30	MP1A	Mx	.001	5.5
31	MP1B	X	-2.788	1.75
32	MP1B	Z	-4.829	1.75
33	MP1B	Mx	.000484	1.75
34	MP1B	X	-2.788	5.5
35	MP1B	Z	-4.829	5.5
36	MP1B	Mx	.000484	5.5
37	MP1C	X	-1.269	1.75
38	MP1C	Z	-2.198	1.75
39	MP1C	Mx	-.001	1.75
40	MP1C	X	-1.269	5.5
41	MP1C	Z	-2.198	5.5
42	MP1C	Mx	-.001	5.5
43	MP3A	X	-.816	1
44	MP3A	Z	-1.414	1
45	MP3A	Mx	.000408	1
46	MP3B	X	-.968	1
47	MP3B	Z	-1.676	1
48	MP3B	Mx	.000168	1
49	MP3C	X	-.321	1
50	MP3C	Z	-.555	1
51	MP3C	Mx	-.000316	1
52	MP3A	X	-.816	1
53	MP3A	Z	-1.414	1
54	MP3A	Mx	.000408	1
55	MP3B	X	-.968	1
56	MP3B	Z	-1.676	1
57	MP3B	Mx	.000168	1
58	MP3C	X	-.321	1
59	MP3C	Z	-.555	1
60	MP3C	Mx	-.000316	1
61	MP3A	X	-4.288	1
62	MP3A	Z	-7.427	1
63	MP3A	Mx	-.003	1
64	MP3A	X	-4.288	5
65	MP3A	Z	-7.427	5
66	MP3A	Mx	-.003	5
67	MP3B	X	-4.642	1
68	MP3B	Z	-8.04	1
69	MP3B	Mx	.007	1
70	MP3B	X	-4.642	5
71	MP3B	Z	-8.04	5
72	MP3B	Mx	.007	5
73	MP3C	X	-3.129	1
74	MP3C	Z	-5.42	1
75	MP3C	Mx	-.004	1
76	MP3C	X	-3.129	5
77	MP3C	Z	-5.42	5
78	MP3C	Mx	-.004	5
79	MP3A	X	-4.288	1
80	MP3A	Z	-7.427	1
81	MP3A	Mx	.007	1
82	MP3A	X	-4.288	5
83	MP3A	Z	-7.427	5
84	MP3A	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP3B	X	-4.642	1
86	MP3B	Z	-8.04	1
87	MP3B	Mx	-.005	1
88	MP3B	X	-4.642	5
89	MP3B	Z	-8.04	5
90	MP3B	Mx	-.005	5
91	MP3C	X	-3.129	1
92	MP3C	Z	-5.42	1
93	MP3C	Mx	-.002	1
94	MP3C	X	-3.129	5
95	MP3C	Z	-5.42	5
96	MP3C	Mx	-.002	5
97	MP4A	X	-1.687	2
98	MP4A	Z	-2.923	2
99	MP4A	Mx	.000844	2
100	MP4A	X	-1.687	4
101	MP4A	Z	-2.923	4
102	MP4A	Mx	.000844	4
103	MP5B	X	-1.978	2
104	MP5B	Z	-3.427	2
105	MP5B	Mx	.000344	2
106	MP5B	X	-1.978	4
107	MP5B	Z	-3.427	4
108	MP5B	Mx	.000344	4
109	MP5C	X	-.735	2
110	MP5C	Z	-1.273	2
111	MP5C	Mx	-.000724	2
112	MP5C	X	-.735	4
113	MP5C	Z	-1.273	4
114	MP5C	Mx	-.000724	4

Member Point Loads (BLC 77 : Lm1)

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

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M22	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-4.105	4
2	MP2A	My	.002	4
3	MP2A	Mz	0	4
4	MP2B	Y	-4.105	4
5	MP2B	My	-.002	4
6	MP2B	Mz	.001	4
7	MP2C	Y	-4.105	4

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

	Member Label	Direction	Magnitude(lb.k.ft)	Location(ft.%)
8	MP2C	My	-.000702	4
9	MP2C	Mz	-.002	4
10	MP3A	Y	-3.419	4
11	MP3A	My	.002	4
12	MP3A	Mz	0	4
13	MP3B	Y	-3.419	4
14	MP3B	My	-.001	4
15	MP3B	Mz	.001	4
16	MP3C	Y	-3.419	4
17	MP3C	My	-.000585	4
18	MP3C	Mz	-.002	4
19	MP4B	Y	-1.308	1
20	MP4B	My	-.000501	1
21	MP4B	Mz	.000421	1
22	MP4C	Y	-1.308	1
23	MP4C	My	-.000224	1
24	MP4C	Mz	-.000615	1
25	MP1A	Y	-.973	1.75
26	MP1A	My	-.000486	1.75
27	MP1A	Mz	0	1.75
28	MP1A	Y	-.973	5.5
29	MP1A	My	-.000486	5.5
30	MP1A	Mz	0	5.5
31	MP1B	Y	-.973	1.75
32	MP1B	My	.000373	1.75
33	MP1B	Mz	-.000313	1.75
34	MP1B	Y	-.973	5.5
35	MP1B	My	.000373	5.5
36	MP1B	Mz	-.000313	5.5
37	MP1C	Y	-.973	1.75
38	MP1C	My	.000166	1.75
39	MP1C	Mz	.000457	1.75
40	MP1C	Y	-.973	5.5
41	MP1C	My	.000166	5.5
42	MP1C	Mz	.000457	5.5
43	MP3A	Y	-.856	1
44	MP3A	My	-.000428	1
45	MP3A	Mz	0	1
46	MP3B	Y	-.856	1
47	MP3B	My	.000328	1
48	MP3B	Mz	-.000275	1
49	MP3C	Y	-.856	1
50	MP3C	My	.000146	1
51	MP3C	Mz	.000402	1
52	MP3A	Y	-.856	1
53	MP3A	My	-.000428	1
54	MP3A	Mz	0	1
55	MP3B	Y	-.856	1
56	MP3B	My	.000328	1
57	MP3B	Mz	-.000275	1
58	MP3C	Y	-.856	1
59	MP3C	My	.000146	1
60	MP3C	Mz	.000402	1
61	MP3A	Y	-1.539	1
62	MP3A	My	-.00077	1
63	MP3A	Mz	.001	1
64	MP3A	Y	-1.539	5
65	MP3A	My	-.00077	5
66	MP3A	Mz	.001	5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
67	MP3B	Y	-1.539	1
68	MP3B	My	-7e-5	1
69	MP3B	Mz	-.001	1
70	MP3B	Y	-1.539	5
71	MP3B	My	-7e-5	5
72	MP3B	Mz	-.001	5
73	MP3C	Y	-1.539	1
74	MP3C	My	.001	1
75	MP3C	Mz	.000372	1
76	MP3C	Y	-1.539	5
77	MP3C	My	.001	5
78	MP3C	Mz	.000372	5
79	MP3A	Y	-1.539	1
80	MP3A	My	-.00077	1
81	MP3A	Mz	-.001	1
82	MP3A	Y	-1.539	5
83	MP3A	My	-.00077	5
84	MP3A	Mz	-.001	5
85	MP3B	Y	-1.539	1
86	MP3B	My	.001	1
87	MP3B	Mz	.000291	1
88	MP3B	Y	-1.539	5
89	MP3B	My	.001	5
90	MP3B	Mz	.000291	5
91	MP3C	Y	-1.539	1
92	MP3C	My	-.000701	1
93	MP3C	Mz	.001	1
94	MP3C	Y	-1.539	5
95	MP3C	My	-.000701	5
96	MP3C	Mz	.001	5
97	MP4A	Y	-2.118	2
98	MP4A	My	-.001	2
99	MP4A	Mz	0	2
100	MP4A	Y	-2.118	4
101	MP4A	My	-.001	4
102	MP4A	Mz	0	4
103	MP5B	Y	-2.118	2
104	MP5B	My	.000811	2
105	MP5B	Mz	-.000681	2
106	MP5B	Y	-2.118	4
107	MP5B	My	.000811	4
108	MP5B	Mz	-.000681	4
109	MP5C	Y	-2.118	2
110	MP5C	My	.000362	2
111	MP5C	Mz	.000995	2
112	MP5C	Y	-2.118	4
113	MP5C	My	.000362	4
114	MP5C	Mz	.000995	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Z	-10.263	4
2	MP2A	Mx	0	4
3	MP2B	Z	-10.263	4
4	MP2B	Mx	-.003	4
5	MP2C	Z	-10.263	4
6	MP2C	Mx	.005	4
7	MP3A	Z	-8.548	4

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

	Member Label	Direction	Magnitude(lb.k.ft)	Location(ft, %)
8	MP3A	Mx	0	4
9	MP3B	Z	-8.548	4
10	MP3B	Mx	-.003	4
11	MP3C	Z	-8.548	4
12	MP3C	Mx	.004	4
13	MP4B	Z	-3.271	1
14	MP4B	Mx	-.001	1
15	MP4C	Z	-3.271	1
16	MP4C	Mx	.002	1
17	MP1A	Z	-2.432	1.75
18	MP1A	Mx	0	1.75
19	MP1A	Z	-2.432	5.5
20	MP1A	Mx	0	5.5
21	MP1B	Z	-2.432	1.75
22	MP1B	Mx	.000782	1.75
23	MP1B	Z	-2.432	5.5
24	MP1B	Mx	.000782	5.5
25	MP1C	Z	-2.432	1.75
26	MP1C	Mx	-.001	1.75
27	MP1C	Z	-2.432	5.5
28	MP1C	Mx	-.001	5.5
29	MP3A	Z	-2.14	1
30	MP3A	Mx	0	1
31	MP3B	Z	-2.14	1
32	MP3B	Mx	.000688	1
33	MP3C	Z	-2.14	1
34	MP3C	Mx	-.001	1
35	MP3A	Z	-2.14	1
36	MP3A	Mx	0	1
37	MP3B	Z	-2.14	1
38	MP3B	Mx	.000688	1
39	MP3C	Z	-2.14	1
40	MP3C	Mx	-.001	1
41	MP3A	Z	-3.849	1
42	MP3A	Mx	-.003	1
43	MP3A	Z	-3.849	5
44	MP3A	Mx	-.003	5
45	MP3B	Z	-3.849	1
46	MP3B	Mx	.003	1
47	MP3B	Z	-3.849	5
48	MP3B	Mx	.003	5
49	MP3C	Z	-3.849	1
50	MP3C	Mx	-.000931	1
51	MP3C	Z	-3.849	5
52	MP3C	Mx	-.000931	5
53	MP3A	Z	-3.849	1
54	MP3A	Mx	.003	1
55	MP3A	Z	-3.849	5
56	MP3A	Mx	.003	5
57	MP3B	Z	-3.849	1
58	MP3B	Mx	-.000729	1
59	MP3B	Z	-3.849	5
60	MP3B	Mx	-.000729	5
61	MP3C	Z	-3.849	1
62	MP3C	Mx	-.003	1
63	MP3C	Z	-3.849	5
64	MP3C	Mx	-.003	5
65	MP4A	Z	-5.296	2
66	MP4A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
67	MP4A	Z	-5.296	4
68	MP4A	Mx	0	4
69	MP5B	Z	-5.296	2
70	MP5B	Mx	.002	2
71	MP5B	Z	-5.296	4
72	MP5B	Mx	.002	4
73	MP5C	Z	-5.296	2
74	MP5C	Mx	-.002	2
75	MP5C	Z	-5.296	4
76	MP5C	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP2A	X	10.263	4
2	MP2A	Mx	.005	4
3	MP2B	X	10.263	4
4	MP2B	Mx	-.004	4
5	MP2C	X	10.263	4
6	MP2C	Mx	-.002	4
7	MP3A	X	8.548	4
8	MP3A	Mx	.004	4
9	MP3B	X	8.548	4
10	MP3B	Mx	-.003	4
11	MP3C	X	8.548	4
12	MP3C	Mx	-.001	4
13	MP4B	X	3.271	1
14	MP4B	Mx	-.001	1
15	MP4C	X	3.271	1
16	MP4C	Mx	-.000559	1
17	MP1A	X	2.432	1.75
18	MP1A	Mx	-.001	1.75
19	MP1A	X	2.432	5.5
20	MP1A	Mx	-.001	5.5
21	MP1B	X	2.432	1.75
22	MP1B	Mx	.000932	1.75
23	MP1B	X	2.432	5.5
24	MP1B	Mx	.000932	5.5
25	MP1C	X	2.432	1.75
26	MP1C	Mx	.000416	1.75
27	MP1C	X	2.432	5.5
28	MP1C	Mx	.000416	5.5
29	MP3A	X	2.14	1
30	MP3A	Mx	-.001	1
31	MP3B	X	2.14	1
32	MP3B	Mx	.00082	1
33	MP3C	X	2.14	1
34	MP3C	Mx	.000366	1
35	MP3A	X	2.14	1
36	MP3A	Mx	-.001	1
37	MP3B	X	2.14	1
38	MP3B	Mx	.00082	1
39	MP3C	X	2.14	1
40	MP3C	Mx	.000366	1
41	MP3A	X	3.849	1
42	MP3A	Mx	-.002	1
43	MP3A	X	3.849	5
44	MP3A	Mx	-.002	5
45	MP3B	X	3.849	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP3B	Mx	-.000175	1
47	MP3B	X	3.849	5
48	MP3B	Mx	-.000175	5
49	MP3C	X	3.849	1
50	MP3C	Mx	.003	1
51	MP3C	X	3.849	5
52	MP3C	Mx	.003	5
53	MP3A	X	3.849	1
54	MP3A	Mx	-.002	1
55	MP3A	X	3.849	5
56	MP3A	Mx	-.002	5
57	MP3B	X	3.849	1
58	MP3B	Mx	.003	1
59	MP3B	X	3.849	5
60	MP3B	Mx	.003	5
61	MP3C	X	3.849	1
62	MP3C	Mx	-.002	1
63	MP3C	X	3.849	5
64	MP3C	Mx	-.002	5
65	MP4A	X	5.296	2
66	MP4A	Mx	-.003	2
67	MP4A	X	5.296	4
68	MP4A	Mx	-.003	4
69	MP5B	X	5.296	2
70	MP5B	Mx	.002	2
71	MP5B	X	5.296	4
72	MP5B	Mx	.002	4
73	MP5C	X	5.296	2
74	MP5C	Mx	.000906	2
75	MP5C	X	5.296	4
76	MP5C	Mx	.000906	4

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	Y	-6.524	-6.524	0	%100
2	M4	Y	-9.551	-9.551	0	%100
3	M10	Y	-9.551	-9.551	0	%100
4	MP3A	Y	-5.647	-5.647	0	%100
5	MP4A	Y	-5.647	-5.647	0	%100
6	MP2A	Y	-5.647	-5.647	0	%100
7	MP1A	Y	-5.647	-5.647	0	%100
8	M43	Y	-9.551	-9.551	0	%100
9	M46	Y	-10.062	-10.062	0	%100
10	M51B	Y	-5.581	-5.581	0	%100
11	M52B	Y	-5.581	-5.581	0	%100
12	M76	Y	-10.049	-10.049	0	%100
13	M77	Y	-10.049	-10.049	0	%100
14	M80	Y	-10.062	-10.062	0	%100
15	M84	Y	-10.049	-10.049	0	%100
16	M85	Y	-10.049	-10.049	0	%100
17	M91	Y	-10.062	-10.062	0	%100
18	M100	Y	-4.945	-4.945	0	%100
19	M123	Y	-6.574	-6.574	0	%100
20	M128	Y	-9.155	-9.155	0	%100
21	M43A	Y	-6.524	-6.524	0	%100
22	M44	Y	-6.524	-6.524	0	%100
23	M45B	Y	-9.551	-9.551	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
24	M46A	Y	-9.551	-9.551	0	%100
25	M47	Y	-9.551	-9.551	0	%100
26	M48	Y	-10.062	-10.062	0	%100
27	M49	Y	-5.581	-5.581	0	%100
28	M50A	Y	-5.581	-5.581	0	%100
29	M54	Y	-10.049	-10.049	0	%100
30	M55	Y	-10.049	-10.049	0	%100
31	M57	Y	-10.062	-10.062	0	%100
32	M59A	Y	-10.049	-10.049	0	%100
33	M60	Y	-10.049	-10.049	0	%100
34	M62	Y	-10.062	-10.062	0	%100
35	M67	Y	-9.155	-9.155	0	%100
36	M70	Y	-9.551	-9.551	0	%100
37	M71	Y	-9.551	-9.551	0	%100
38	M72	Y	-9.551	-9.551	0	%100
39	M73	Y	-10.062	-10.062	0	%100
40	M74	Y	-5.581	-5.581	0	%100
41	M75	Y	-5.581	-5.581	0	%100
42	M79A	Y	-10.049	-10.049	0	%100
43	M80A	Y	-10.049	-10.049	0	%100
44	M82	Y	-10.062	-10.062	0	%100
45	M84A	Y	-10.049	-10.049	0	%100
46	M85A	Y	-10.049	-10.049	0	%100
47	M87	Y	-10.062	-10.062	0	%100
48	M92A	Y	-9.155	-9.155	0	%100
49	M95	Y	-4.945	-4.945	0	%100
50	M96	Y	-4.945	-4.945	0	%100
51	M99	Y	-6.574	-6.574	0	%100
52	M102A	Y	-6.574	-6.574	0	%100
53	MP3C	Y	-5.647	-5.647	0	%100
54	MP5C	Y	-5.647	-5.647	0	%100
55	MP2C	Y	-5.647	-5.647	0	%100
56	MP1C	Y	-5.647	-5.647	0	%100
57	MP3B	Y	-5.647	-5.647	0	%100
58	MP5B	Y	-5.647	-5.647	0	%100
59	MP2B	Y	-5.647	-5.647	0	%100
60	MP1B	Y	-5.647	-5.647	0	%100
61	MP4C	Y	-5.647	-5.647	0	%100
62	MP4B	Y	-5.647	-5.647	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	-11.533	-11.533	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.912	-9.912	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-9.473	-9.473	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-9.473	-9.473	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-9.473	-9.473	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-9.473	-9.473	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-9.912	-9.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
17	M46	X	0	0	0	%100
18	M46	Z	-19.771	-19.771	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.746	-2.746	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.746	-2.746	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-5.034	-5.034	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-5.302	-5.302	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-5.034	-5.034	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-5.302	-5.302	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-7.826	-7.826	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	-9.149	-9.149	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	-6.666	-6.666	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	-2.883	-2.883	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-2.883	-2.883	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	-8.776	-8.776	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	-2.478	-2.478	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	-2.478	-2.478	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-4.943	-4.943	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-2.746	-2.746	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	-10.984	-10.984	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-14.828	-14.828	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-5.034	-5.034	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-5.302	-5.302	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	-14.828	-14.828	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-20.137	-20.137	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-21.21	-21.21	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-11.294	-11.294	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	-8.776	-8.776	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-2.478	-2.478	0	%100
75	M72	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....	Start Location[ft, %]	End Location[ft, %]
76	M72	Z	-2.478	-2.478	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	-4.943	-4.943	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	-10.984	-10.984	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	-2.746	-2.746	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-14.828	-14.828	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	-20.137	-20.137	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-21.21	-21.21	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-14.828	-14.828	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	-5.034	-5.034	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-5.302	-5.302	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-11.294	-11.294	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-1.956	-1.956	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-1.956	-1.956	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-2.287	-2.287	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	-2.287	-2.287	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-9.473	-9.473	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	-9.473	-9.473	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-9.473	-9.473	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-9.473	-9.473	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-9.473	-9.473	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	-9.473	-9.473	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-9.473	-9.473	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-9.473	-9.473	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	-8.139	-8.139	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-8.139	-8.139	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	4.325	4.325	0	%100
2	M1	Z	-7.491	-7.491	0	%100
3	M4	X	1.463	1.463	0	%100
4	M4	Z	-2.533	-2.533	0	%100
5	M10	X	3.717	3.717	0	%100
6	M10	Z	-6.438	-6.438	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
7	MP3A	X	4.737	4.737	0	%100
8	MP3A	Z	-8.204	-8.204	0	%100
9	MP4A	X	4.737	4.737	0	%100
10	MP4A	Z	-8.204	-8.204	0	%100
11	MP2A	X	4.737	4.737	0	%100
12	MP2A	Z	-8.204	-8.204	0	%100
13	MP1A	X	4.737	4.737	0	%100
14	MP1A	Z	-8.204	-8.204	0	%100
15	M43	X	3.717	3.717	0	%100
16	M43	Z	-6.438	-6.438	0	%100
17	M46	X	7.414	7.414	0	%100
18	M46	Z	-12.841	-12.841	0	%100
19	M51B	X	4.119	4.119	0	%100
20	M51B	Z	-7.134	-7.134	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.471	2.471	0	%100
24	M76	Z	-4.28	-4.28	0	%100
25	M77	X	7.551	7.551	0	%100
26	M77	Z	-13.079	-13.079	0	%100
27	M80	X	7.954	7.954	0	%100
28	M80	Z	-13.776	-13.776	0	%100
29	M84	X	2.471	2.471	0	%100
30	M84	Z	-4.28	-4.28	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	2.935	2.935	0	%100
36	M100	Z	-5.083	-5.083	0	%100
37	M123	X	3.431	3.431	0	%100
38	M123	Z	-5.943	-5.943	0	%100
39	M128	X	4.104	4.104	0	%100
40	M128	Z	-7.109	-7.109	0	%100
41	M43A	X	4.325	4.325	0	%100
42	M43A	Z	-7.491	-7.491	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	1.463	1.463	0	%100
46	M45B	Z	-2.533	-2.533	0	%100
47	M46A	X	3.717	3.717	0	%100
48	M46A	Z	-6.438	-6.438	0	%100
49	M47	X	3.717	3.717	0	%100
50	M47	Z	-6.438	-6.438	0	%100
51	M48	X	7.414	7.414	0	%100
52	M48	Z	-12.841	-12.841	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	4.119	4.119	0	%100
56	M50A	Z	-7.134	-7.134	0	%100
57	M54	X	2.471	2.471	0	%100
58	M54	Z	-4.28	-4.28	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	2.471	2.471	0	%100
64	M59A	Z	-4.28	-4.28	0	%100
65	M60	X	7.551	7.551	0	%100

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

	Member Label	Direction	Start Magnitude(lb/ft....	End Magnitude(lb/ft....	Start Location(ft,%]	End Location(ft,%]
66	M60	Z	-13.079	-13.079	0	%100
67	M62	X	7.954	7.954	0	%100
68	M62	Z	-13.776	-13.776	0	%100
69	M67	X	4.104	4.104	0	%100
70	M67	Z	-7.109	-7.109	0	%100
71	M70	X	5.85	5.85	0	%100
72	M70	Z	-10.133	-10.133	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	4.119	4.119	0	%100
80	M74	Z	-7.134	-7.134	0	%100
81	M75	X	4.119	4.119	0	%100
82	M75	Z	-7.134	-7.134	0	%100
83	M79A	X	9.885	9.885	0	%100
84	M79A	Z	-17.122	-17.122	0	%100
85	M80A	X	7.551	7.551	0	%100
86	M80A	Z	-13.079	-13.079	0	%100
87	M82	X	7.954	7.954	0	%100
88	M82	Z	-13.776	-13.776	0	%100
89	M84A	X	9.885	9.885	0	%100
90	M84A	Z	-17.122	-17.122	0	%100
91	M85A	X	7.551	7.551	0	%100
92	M85A	Z	-13.079	-13.079	0	%100
93	M87	X	7.954	7.954	0	%100
94	M87	Z	-13.776	-13.776	0	%100
95	M92A	X	6.418	6.418	0	%100
96	M92A	Z	-11.116	-11.116	0	%100
97	M95	X	2.935	2.935	0	%100
98	M95	Z	-5.083	-5.083	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	3.431	3.431	0	%100
102	M99	Z	-5.943	-5.943	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	4.737	4.737	0	%100
106	MP3C	Z	-8.204	-8.204	0	%100
107	MP5C	X	4.737	4.737	0	%100
108	MP5C	Z	-8.204	-8.204	0	%100
109	MP2C	X	4.737	4.737	0	%100
110	MP2C	Z	-8.204	-8.204	0	%100
111	MP1C	X	4.737	4.737	0	%100
112	MP1C	Z	-8.204	-8.204	0	%100
113	MP3B	X	4.737	4.737	0	%100
114	MP3B	Z	-8.204	-8.204	0	%100
115	MP5B	X	4.737	4.737	0	%100
116	MP5B	Z	-8.204	-8.204	0	%100
117	MP2B	X	4.737	4.737	0	%100
118	MP2B	Z	-8.204	-8.204	0	%100
119	MP1B	X	4.737	4.737	0	%100
120	MP1B	Z	-8.204	-8.204	0	%100
121	MP4C	X	4.069	4.069	0	%100
122	MP4C	Z	-7.048	-7.048	0	%100
123	MP4B	X	4.069	4.069	0	%100
124	MP4B	Z	-7.048	-7.048	0	%100



Checked By: _____

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	2.497	2.497	0	%100
2	M1	Z	-1.442	-1.442	0	%100
3	M4	X	7.6	7.6	0	%100
4	M4	Z	-4.388	-4.388	0	%100
5	M10	X	2.146	2.146	0	%100
6	M10	Z	-1.239	-1.239	0	%100
7	MP3A	X	8.204	8.204	0	%100
8	MP3A	Z	-4.737	-4.737	0	%100
9	MP4A	X	8.204	8.204	0	%100
10	MP4A	Z	-4.737	-4.737	0	%100
11	MP2A	X	8.204	8.204	0	%100
12	MP2A	Z	-4.737	-4.737	0	%100
13	MP1A	X	8.204	8.204	0	%100
14	MP1A	Z	-4.737	-4.737	0	%100
15	M43	X	2.146	2.146	0	%100
16	M43	Z	-1.239	-1.239	0	%100
17	M46	X	4.28	4.28	0	%100
18	M46	Z	-2.471	-2.471	0	%100
19	M51B	X	9.512	9.512	0	%100
20	M51B	Z	-5.492	-5.492	0	%100
21	M52B	X	2.378	2.378	0	%100
22	M52B	Z	-1.373	-1.373	0	%100
23	M76	X	12.841	12.841	0	%100
24	M76	Z	-7.414	-7.414	0	%100
25	M77	X	17.439	17.439	0	%100
26	M77	Z	-10.068	-10.068	0	%100
27	M80	X	18.368	18.368	0	%100
28	M80	Z	-10.605	-10.605	0	%100
29	M84	X	12.841	12.841	0	%100
30	M84	Z	-7.414	-7.414	0	%100
31	M85	X	4.36	4.36	0	%100
32	M85	Z	-2.517	-2.517	0	%100
33	M91	X	4.592	4.592	0	%100
34	M91	Z	-2.651	-2.651	0	%100
35	M100	X	1.694	1.694	0	%100
36	M100	Z	-.978	-.978	0	%100
37	M123	X	1.981	1.981	0	%100
38	M123	Z	-1.144	-1.144	0	%100
39	M128	X	9.781	9.781	0	%100
40	M128	Z	-5.647	-5.647	0	%100
41	M43A	X	9.988	9.988	0	%100
42	M43A	Z	-5.766	-5.766	0	%100
43	M44	X	2.497	2.497	0	%100
44	M44	Z	-1.442	-1.442	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	8.584	8.584	0	%100
48	M46A	Z	-4.956	-4.956	0	%100
49	M47	X	8.584	8.584	0	%100
50	M47	Z	-4.956	-4.956	0	%100
51	M48	X	17.122	17.122	0	%100
52	M48	Z	-9.885	-9.885	0	%100
53	M49	X	2.378	2.378	0	%100
54	M49	Z	-1.373	-1.373	0	%100
55	M50A	X	2.378	2.378	0	%100
56	M50A	Z	-1.373	-1.373	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	4.36	4.36	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M55	Z	-2.517	-2.517	0	%100
61	M57	X	4.592	4.592	0	%100
62	M57	Z	-2.651	-2.651	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	4.36	4.36	0	%100
66	M60	Z	-2.517	-2.517	0	%100
67	M62	X	4.592	4.592	0	%100
68	M62	Z	-2.651	-2.651	0	%100
69	M67	X	5.773	5.773	0	%100
70	M67	Z	-3.333	-3.333	0	%100
71	M70	X	7.6	7.6	0	%100
72	M70	Z	-4.388	-4.388	0	%100
73	M71	X	2.146	2.146	0	%100
74	M71	Z	-1.239	-1.239	0	%100
75	M72	X	2.146	2.146	0	%100
76	M72	Z	-1.239	-1.239	0	%100
77	M73	X	4.28	4.28	0	%100
78	M73	Z	-2.471	-2.471	0	%100
79	M74	X	2.378	2.378	0	%100
80	M74	Z	-1.373	-1.373	0	%100
81	M75	X	9.512	9.512	0	%100
82	M75	Z	-5.492	-5.492	0	%100
83	M79A	X	12.841	12.841	0	%100
84	M79A	Z	-7.414	-7.414	0	%100
85	M80A	X	4.36	4.36	0	%100
86	M80A	Z	-2.517	-2.517	0	%100
87	M82	X	4.592	4.592	0	%100
88	M82	Z	-2.651	-2.651	0	%100
89	M84A	X	12.841	12.841	0	%100
90	M84A	Z	-7.414	-7.414	0	%100
91	M85A	X	17.439	17.439	0	%100
92	M85A	Z	-10.068	-10.068	0	%100
93	M87	X	18.368	18.368	0	%100
94	M87	Z	-10.605	-10.605	0	%100
95	M92A	X	9.781	9.781	0	%100
96	M92A	Z	-5.647	-5.647	0	%100
97	M95	X	6.777	6.777	0	%100
98	M95	Z	-3.913	-3.913	0	%100
99	M96	X	1.694	1.694	0	%100
100	M96	Z	-.978	-.978	0	%100
101	M99	X	7.924	7.924	0	%100
102	M99	Z	-4.575	-4.575	0	%100
103	M102A	X	1.981	1.981	0	%100
104	M102A	Z	-1.144	-1.144	0	%100
105	MP3C	X	8.204	8.204	0	%100
106	MP3C	Z	-4.737	-4.737	0	%100
107	MP5C	X	8.204	8.204	0	%100
108	MP5C	Z	-4.737	-4.737	0	%100
109	MP2C	X	8.204	8.204	0	%100
110	MP2C	Z	-4.737	-4.737	0	%100
111	MP1C	X	8.204	8.204	0	%100
112	MP1C	Z	-4.737	-4.737	0	%100
113	MP3B	X	8.204	8.204	0	%100
114	MP3B	Z	-4.737	-4.737	0	%100
115	MP5B	X	8.204	8.204	0	%100
116	MP5B	Z	-4.737	-4.737	0	%100
117	MP2B	X	8.204	8.204	0	%100
118	MP2B	Z	-4.737	-4.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
119	MP1B	X	8.204	8.204	0	%100
120	MP1B	Z	-4.737	-4.737	0	%100
121	MP4C	X	7.048	7.048	0	%100
122	MP4C	Z	-4.069	-4.069	0	%100
123	MP4B	X	7.048	7.048	0	%100
124	MP4B	Z	-4.069	-4.069	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	11.701	11.701	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	9.473	9.473	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	9.473	9.473	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	9.473	9.473	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	9.473	9.473	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	8.238	8.238	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	8.238	8.238	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	19.771	19.771	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	15.103	15.103	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	15.907	15.907	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	19.771	19.771	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	15.103	15.103	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	15.907	15.907	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	12.836	12.836	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	8.65	8.65	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	8.65	8.65	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	2.925	2.925	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	7.434	7.434	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	7.434	7.434	0	%100

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

	Member Label	Direction	Start Magnitude/lb/ft...	End Magnitude/lb/ft...	Start Location[ft,%]	End Location[ft,%]
50	M47	Z	0	0	0	%100
51	M48	X	14.828	14.828	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	8.238	8.238	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	4.943	4.943	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	15.103	15.103	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	15.907	15.907	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	4.943	4.943	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	8.209	8.209	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	2.925	2.925	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	7.434	7.434	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	7.434	7.434	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	14.828	14.828	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	8.238	8.238	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	4.943	4.943	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	4.943	4.943	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	15.103	15.103	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	15.907	15.907	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	8.209	8.209	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	5.869	5.869	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	5.869	5.869	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	6.862	6.862	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	6.862	6.862	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	9.473	9.473	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	9.473	9.473	0	%100
108	MP5C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft. %]	End Location[ft. %]
109	MP2C	X	9.473	9.473	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	9.473	9.473	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	9.473	9.473	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	9.473	9.473	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	9.473	9.473	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	9.473	9.473	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	8.139	8.139	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	8.139	8.139	0	%100
124	MP4B	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....	Start Location[ft. %]	End Location[ft. %]
1	M1	X	2.497	2.497	0	%100
2	M1	Z	1.442	1.442	0	%100
3	M4	X	7.6	7.6	0	%100
4	M4	Z	4.388	4.388	0	%100
5	M10	X	2.146	2.146	0	%100
6	M10	Z	1.239	1.239	0	%100
7	MP3A	X	8.204	8.204	0	%100
8	MP3A	Z	4.737	4.737	0	%100
9	MP4A	X	8.204	8.204	0	%100
10	MP4A	Z	4.737	4.737	0	%100
11	MP2A	X	8.204	8.204	0	%100
12	MP2A	Z	4.737	4.737	0	%100
13	MP1A	X	8.204	8.204	0	%100
14	MP1A	Z	4.737	4.737	0	%100
15	M43	X	2.146	2.146	0	%100
16	M43	Z	1.239	1.239	0	%100
17	M46	X	4.28	4.28	0	%100
18	M46	Z	2.471	2.471	0	%100
19	M51B	X	2.378	2.378	0	%100
20	M51B	Z	1.373	1.373	0	%100
21	M52B	X	9.512	9.512	0	%100
22	M52B	Z	5.492	5.492	0	%100
23	M76	X	12.841	12.841	0	%100
24	M76	Z	7.414	7.414	0	%100
25	M77	X	4.36	4.36	0	%100
26	M77	Z	2.517	2.517	0	%100
27	M80	X	4.592	4.592	0	%100
28	M80	Z	2.651	2.651	0	%100
29	M84	X	12.841	12.841	0	%100
30	M84	Z	7.414	7.414	0	%100
31	M85	X	17.439	17.439	0	%100
32	M85	Z	10.068	10.068	0	%100
33	M91	X	18.368	18.368	0	%100
34	M91	Z	10.605	10.605	0	%100
35	M100	X	1.694	1.694	0	%100
36	M100	Z	.978	.978	0	%100
37	M123	X	1.981	1.981	0	%100
38	M123	Z	1.144	1.144	0	%100
39	M128	X	9.781	9.781	0	%100

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

	Member Label	Direction	Start Magnitude/lb/ft...	End Magnitude/lb/ft...	Start Location[ft,%]	End Location[ft,%]
40	M128	Z	5.647	5.647	0	%100
41	M43A	X	2.497	2.497	0	%100
42	M43A	Z	1.442	1.442	0	%100
43	M44	X	9.988	9.988	0	%100
44	M44	Z	5.766	5.766	0	%100
45	M45B	X	7.6	7.6	0	%100
46	M45B	Z	4.388	4.388	0	%100
47	M46A	X	2.146	2.146	0	%100
48	M46A	Z	1.239	1.239	0	%100
49	M47	X	2.146	2.146	0	%100
50	M47	Z	1.239	1.239	0	%100
51	M48	X	4.28	4.28	0	%100
52	M48	Z	2.471	2.471	0	%100
53	M49	X	9.512	9.512	0	%100
54	M49	Z	5.492	5.492	0	%100
55	M50A	X	2.378	2.378	0	%100
56	M50A	Z	1.373	1.373	0	%100
57	M54	X	12.841	12.841	0	%100
58	M54	Z	7.414	7.414	0	%100
59	M55	X	17.439	17.439	0	%100
60	M55	Z	10.068	10.068	0	%100
61	M57	X	18.368	18.368	0	%100
62	M57	Z	10.605	10.605	0	%100
63	M59A	X	12.841	12.841	0	%100
64	M59A	Z	7.414	7.414	0	%100
65	M60	X	4.36	4.36	0	%100
66	M60	Z	2.517	2.517	0	%100
67	M62	X	4.592	4.592	0	%100
68	M62	Z	2.651	2.651	0	%100
69	M67	X	9.781	9.781	0	%100
70	M67	Z	5.647	5.647	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	8.584	8.584	0	%100
74	M71	Z	4.956	4.956	0	%100
75	M72	X	8.584	8.584	0	%100
76	M72	Z	4.956	4.956	0	%100
77	M73	X	17.122	17.122	0	%100
78	M73	Z	9.885	9.885	0	%100
79	M74	X	2.378	2.378	0	%100
80	M74	Z	1.373	1.373	0	%100
81	M75	X	2.378	2.378	0	%100
82	M75	Z	1.373	1.373	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	4.36	4.36	0	%100
86	M80A	Z	2.517	2.517	0	%100
87	M82	X	4.592	4.592	0	%100
88	M82	Z	2.651	2.651	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	4.36	4.36	0	%100
92	M85A	Z	2.517	2.517	0	%100
93	M87	X	4.592	4.592	0	%100
94	M87	Z	2.651	2.651	0	%100
95	M92A	X	5.773	5.773	0	%100
96	M92A	Z	3.333	3.333	0	%100
97	M95	X	1.694	1.694	0	%100
98	M95	Z	.978	.978	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
99	M96	X	6.777	6.777	0	%100
100	M96	Z	3.913	3.913	0	%100
101	M99	X	1.981	1.981	0	%100
102	M99	Z	1.144	1.144	0	%100
103	M102A	X	7.924	7.924	0	%100
104	M102A	Z	4.575	4.575	0	%100
105	MP3C	X	8.204	8.204	0	%100
106	MP3C	Z	4.737	4.737	0	%100
107	MP5C	X	8.204	8.204	0	%100
108	MP5C	Z	4.737	4.737	0	%100
109	MP2C	X	8.204	8.204	0	%100
110	MP2C	Z	4.737	4.737	0	%100
111	MP1C	X	8.204	8.204	0	%100
112	MP1C	Z	4.737	4.737	0	%100
113	MP3B	X	8.204	8.204	0	%100
114	MP3B	Z	4.737	4.737	0	%100
115	MP5B	X	8.204	8.204	0	%100
116	MP5B	Z	4.737	4.737	0	%100
117	MP2B	X	8.204	8.204	0	%100
118	MP2B	Z	4.737	4.737	0	%100
119	MP1B	X	8.204	8.204	0	%100
120	MP1B	Z	4.737	4.737	0	%100
121	MP4C	X	7.048	7.048	0	%100
122	MP4C	Z	4.069	4.069	0	%100
123	MP4B	X	7.048	7.048	0	%100
124	MP4B	Z	4.069	4.069	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	4.325	4.325	0	%100
2	M1	Z	7.491	7.491	0	%100
3	M4	X	1.463	1.463	0	%100
4	M4	Z	2.533	2.533	0	%100
5	M10	X	3.717	3.717	0	%100
6	M10	Z	6.438	6.438	0	%100
7	MP3A	X	4.737	4.737	0	%100
8	MP3A	Z	8.204	8.204	0	%100
9	MP4A	X	4.737	4.737	0	%100
10	MP4A	Z	8.204	8.204	0	%100
11	MP2A	X	4.737	4.737	0	%100
12	MP2A	Z	8.204	8.204	0	%100
13	MP1A	X	4.737	4.737	0	%100
14	MP1A	Z	8.204	8.204	0	%100
15	M43	X	3.717	3.717	0	%100
16	M43	Z	6.438	6.438	0	%100
17	M46	X	7.414	7.414	0	%100
18	M46	Z	12.841	12.841	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	4.119	4.119	0	%100
22	M52B	Z	7.134	7.134	0	%100
23	M76	X	2.471	2.471	0	%100
24	M76	Z	4.28	4.28	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.471	2.471	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
30	M84	Z	4.28	4.28	0	%100
31	M85	X	7.551	7.551	0	%100
32	M85	Z	13.079	13.079	0	%100
33	M91	X	7.954	7.954	0	%100
34	M91	Z	13.776	13.776	0	%100
35	M100	X	2.935	2.935	0	%100
36	M100	Z	5.083	5.083	0	%100
37	M123	X	3.431	3.431	0	%100
38	M123	Z	5.943	5.943	0	%100
39	M128	X	4.104	4.104	0	%100
40	M128	Z	7.109	7.109	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	4.325	4.325	0	%100
44	M44	Z	7.491	7.491	0	%100
45	M45B	X	5.85	5.85	0	%100
46	M45B	Z	10.133	10.133	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	4.119	4.119	0	%100
54	M49	Z	7.134	7.134	0	%100
55	M50A	X	4.119	4.119	0	%100
56	M50A	Z	7.134	7.134	0	%100
57	M54	X	9.885	9.885	0	%100
58	M54	Z	17.122	17.122	0	%100
59	M55	X	7.551	7.551	0	%100
60	M55	Z	13.079	13.079	0	%100
61	M57	X	7.954	7.954	0	%100
62	M57	Z	13.776	13.776	0	%100
63	M59A	X	9.885	9.885	0	%100
64	M59A	Z	17.122	17.122	0	%100
65	M60	X	7.551	7.551	0	%100
66	M60	Z	13.079	13.079	0	%100
67	M62	X	7.954	7.954	0	%100
68	M62	Z	13.776	13.776	0	%100
69	M67	X	6.418	6.418	0	%100
70	M67	Z	11.116	11.116	0	%100
71	M70	X	1.463	1.463	0	%100
72	M70	Z	2.533	2.533	0	%100
73	M71	X	3.717	3.717	0	%100
74	M71	Z	6.438	6.438	0	%100
75	M72	X	3.717	3.717	0	%100
76	M72	Z	6.438	6.438	0	%100
77	M73	X	7.414	7.414	0	%100
78	M73	Z	12.841	12.841	0	%100
79	M74	X	4.119	4.119	0	%100
80	M74	Z	7.134	7.134	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	2.471	2.471	0	%100
84	M79A	Z	4.28	4.28	0	%100
85	M80A	X	7.551	7.551	0	%100
86	M80A	Z	13.079	13.079	0	%100
87	M82	X	7.954	7.954	0	%100
88	M82	Z	13.776	13.776	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
89	M84A	X	2.471	2.471	0	%100
90	M84A	Z	4.28	4.28	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	4.104	4.104	0	%100
96	M92A	Z	7.109	7.109	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	2.935	2.935	0	%100
100	M96	Z	5.083	5.083	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	3.431	3.431	0	%100
104	M102A	Z	5.943	5.943	0	%100
105	MP3C	X	4.737	4.737	0	%100
106	MP3C	Z	8.204	8.204	0	%100
107	MP5C	X	4.737	4.737	0	%100
108	MP5C	Z	8.204	8.204	0	%100
109	MP2C	X	4.737	4.737	0	%100
110	MP2C	Z	8.204	8.204	0	%100
111	MP1C	X	4.737	4.737	0	%100
112	MP1C	Z	8.204	8.204	0	%100
113	MP3B	X	4.737	4.737	0	%100
114	MP3B	Z	8.204	8.204	0	%100
115	MP5B	X	4.737	4.737	0	%100
116	MP5B	Z	8.204	8.204	0	%100
117	MP2B	X	4.737	4.737	0	%100
118	MP2B	Z	8.204	8.204	0	%100
119	MP1B	X	4.737	4.737	0	%100
120	MP1B	Z	8.204	8.204	0	%100
121	MP4C	X	4.069	4.069	0	%100
122	MP4C	Z	7.048	7.048	0	%100
123	MP4B	X	4.069	4.069	0	%100
124	MP4B	Z	7.048	7.048	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	11.533	11.533	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.912	9.912	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	9.473	9.473	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	9.473	9.473	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	9.473	9.473	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	9.473	9.473	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	9.912	9.912	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	19.771	19.771	0	%100
19	M51B	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....]	Start Location[ft.%]	End Location[ft.%]
20	M51B	Z	2.746	2.746	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.746	2.746	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	5.034	5.034	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	5.302	5.302	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	5.034	5.034	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	5.302	5.302	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	7.826	7.826	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	9.149	9.149	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	6.666	6.666	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	2.883	2.883	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	2.883	2.883	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	8.776	8.776	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	2.478	2.478	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	2.478	2.478	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	4.943	4.943	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	2.746	2.746	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	10.984	10.984	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	14.828	14.828	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	5.034	5.034	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	5.302	5.302	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	14.828	14.828	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	20.137	20.137	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	21.21	21.21	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	11.294	11.294	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	8.776	8.776	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	2.478	2.478	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	2.478	2.478	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	4.943	4.943	0	%100

Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]	
79	M74	X	0	0	%100	
80	M74	Z	10.984	10.984	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	2.746	2.746	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	14.828	14.828	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	20.137	20.137	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	21.21	21.21	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	14.828	14.828	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	5.034	5.034	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	5.302	5.302	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	11.294	11.294	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	1.956	1.956	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	1.956	1.956	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	2.287	2.287	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	2.287	2.287	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	9.473	9.473	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	9.473	9.473	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	9.473	9.473	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	9.473	9.473	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	9.473	9.473	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	9.473	9.473	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	9.473	9.473	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	9.473	9.473	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	8.139	8.139	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	8.139	8.139	0	%100

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-4.325	-4.325	0	%100
2	M1	Z	7.491	7.491	0	%100
3	M4	X	-1.463	-1.463	0	%100
4	M4	Z	2.533	2.533	0	%100
5	M10	X	-3.717	-3.717	0	%100
6	M10	Z	6.438	6.438	0	%100
7	MP3A	X	-4.737	-4.737	0	%100
8	MP3A	Z	8.204	8.204	0	%100
9	MP4A	X	-4.737	-4.737	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
10	MP4A	Z	8.204	8.204	0	%100
11	MP2A	X	-4.737	-4.737	0	%100
12	MP2A	Z	8.204	8.204	0	%100
13	MP1A	X	-4.737	-4.737	0	%100
14	MP1A	Z	8.204	8.204	0	%100
15	M43	X	-3.717	-3.717	0	%100
16	M43	Z	6.438	6.438	0	%100
17	M46	X	-7.414	-7.414	0	%100
18	M46	Z	12.841	12.841	0	%100
19	M51B	X	-4.119	-4.119	0	%100
20	M51B	Z	7.134	7.134	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.471	-2.471	0	%100
24	M76	Z	4.28	4.28	0	%100
25	M77	X	-7.551	-7.551	0	%100
26	M77	Z	13.079	13.079	0	%100
27	M80	X	-7.954	-7.954	0	%100
28	M80	Z	13.776	13.776	0	%100
29	M84	X	-2.471	-2.471	0	%100
30	M84	Z	4.28	4.28	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	-2.935	-2.935	0	%100
36	M100	Z	5.083	5.083	0	%100
37	M123	X	-3.431	-3.431	0	%100
38	M123	Z	5.943	5.943	0	%100
39	M128	X	-4.104	-4.104	0	%100
40	M128	Z	7.109	7.109	0	%100
41	M43A	X	-4.325	-4.325	0	%100
42	M43A	Z	7.491	7.491	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-1.463	-1.463	0	%100
46	M45B	Z	2.533	2.533	0	%100
47	M46A	X	-3.717	-3.717	0	%100
48	M46A	Z	6.438	6.438	0	%100
49	M47	X	-3.717	-3.717	0	%100
50	M47	Z	6.438	6.438	0	%100
51	M48	X	-7.414	-7.414	0	%100
52	M48	Z	12.841	12.841	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	-4.119	-4.119	0	%100
56	M50A	Z	7.134	7.134	0	%100
57	M54	X	-2.471	-2.471	0	%100
58	M54	Z	4.28	4.28	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-2.471	-2.471	0	%100
64	M59A	Z	4.28	4.28	0	%100
65	M60	X	-7.551	-7.551	0	%100
66	M60	Z	13.079	13.079	0	%100
67	M62	X	-7.954	-7.954	0	%100
68	M62	Z	13.776	13.776	0	%100



Member Label	Direction	Start Magnitude(lb/ft)	End Magnitude(lb/ft)	Start Location(ft %)	End Location(ft %)
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Member Distributed Loads (BLC 49 : Structure Wo (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-2.497	-2.497	0	%100
2	M1	Z	1.442	1.442	0	%100
3	M4	X	-7.6	-7.6	0	%100
4	M4	Z	4.388	4.388	0	%100
5	M10	X	-2.146	-2.146	0	%100
6	M10	Z	1.239	1.239	0	%100
7	MP3A	X	-8.204	-8.204	0	%100
8	MP3A	Z	4.737	4.737	0	%100
9	MP4A	X	-8.204	-8.204	0	%100
10	MP4A	Z	4.737	4.737	0	%100
11	MP2A	X	-8.204	-8.204	0	%100
12	MP2A	Z	4.737	4.737	0	%100
13	MP1A	X	-8.204	-8.204	0	%100
14	MP1A	Z	4.737	4.737	0	%100
15	M43	X	-2.146	-2.146	0	%100
16	M43	Z	1.239	1.239	0	%100
17	M46	X	-4.28	-4.28	0	%100
18	M46	Z	2.471	2.471	0	%100
19	M51B	X	-9.512	-9.512	0	%100
20	M51B	Z	5.492	5.492	0	%100
21	M52B	X	-2.378	-2.378	0	%100
22	M52B	Z	1.373	1.373	0	%100
23	M76	X	-12.841	-12.841	0	%100
24	M76	Z	7.414	7.414	0	%100
25	M77	X	-17.439	-17.439	0	%100
26	M77	Z	10.068	10.068	0	%100
27	M80	X	-18.368	-18.368	0	%100
28	M80	Z	10.605	10.605	0	%100
29	M84	X	-12.841	-12.841	0	%100
30	M84	Z	7.414	7.414	0	%100
31	M85	X	-4.36	-4.36	0	%100
32	M85	Z	2.517	2.517	0	%100
33	M91	X	-4.592	-4.592	0	%100
34	M91	Z	2.651	2.651	0	%100
35	M100	X	-1.694	-1.694	0	%100
36	M100	Z	.978	.978	0	%100
37	M123	X	-1.981	-1.981	0	%100
38	M123	Z	1.144	1.144	0	%100
39	M128	X	-9.781	-9.781	0	%100
40	M128	Z	5.647	5.647	0	%100
41	M43A	X	-9.988	-9.988	0	%100
42	M43A	Z	5.766	5.766	0	%100
43	M44	X	-2.497	-2.497	0	%100
44	M44	Z	1.442	1.442	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-8.584	-8.584	0	%100
48	M46A	Z	4.956	4.956	0	%100
49	M47	X	-8.584	-8.584	0	%100
50	M47	Z	4.956	4.956	0	%100
51	M48	X	-17.122	-17.122	0	%100
52	M48	Z	9.885	9.885	0	%100
53	M49	X	-2.378	-2.378	0	%100
54	M49	Z	1.373	1.373	0	%100
55	M50A	X	-2.378	-2.378	0	%100
56	M50A	Z	1.373	1.373	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-4.36	-4.36	0	%100



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

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
119	MP1B	X	-8.204	-8.204	0	%100
120	MP1B	Z	4.737	4.737	0	%100
121	MP4C	X	-7.048	-7.048	0	%100
122	MP4C	Z	4.069	4.069	0	%100
123	MP4B	X	-7.048	-7.048	0	%100
124	MP4B	Z	4.069	4.069	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-11.701	-11.701	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-9.473	-9.473	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-9.473	-9.473	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-9.473	-9.473	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-9.473	-9.473	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-8.238	-8.238	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-8.238	-8.238	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-19.771	-19.771	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-15.103	-15.103	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-15.907	-15.907	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-19.771	-19.771	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-15.103	-15.103	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-15.907	-15.907	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	-12.836	-12.836	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	-8.65	-8.65	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-8.65	-8.65	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-2.925	-2.925	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-7.434	-7.434	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	-7.434	-7.434	0	%100



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Checked By:

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

	Member Label	Direction	Start Magnitude(lb/ft....	End Magnitude(lb/ft....	Start Location(ft.%)	End Location(ft.%)
50	M47	Z	0	0	0	%100
51	M48	X	-14.828	-14.828	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-8.238	-8.238	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	-4.943	-4.943	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-15.103	-15.103	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-15.907	-15.907	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-4.943	-4.943	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	-8.209	-8.209	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	-2.925	-2.925	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-7.434	-7.434	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-7.434	-7.434	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	-14.828	-14.828	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	-8.238	-8.238	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-4.943	-4.943	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	-4.943	-4.943	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-15.103	-15.103	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	-15.907	-15.907	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-8.209	-8.209	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	-5.869	-5.869	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-5.869	-5.869	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-6.862	-6.862	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-6.862	-6.862	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-9.473	-9.473	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	-9.473	-9.473	0	%100
108	MP5C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
109	MP2C	X	-9.473	-9.473	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-9.473	-9.473	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	-9.473	-9.473	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	-9.473	-9.473	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	-9.473	-9.473	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-9.473	-9.473	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	-8.139	-8.139	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	-8.139	-8.139	0	%100
124	MP4B	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....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-2.497	-2.497	0	%100
2	M1	Z	-1.442	-1.442	0	%100
3	M4	X	-7.6	-7.6	0	%100
4	M4	Z	-4.388	-4.388	0	%100
5	M10	X	-2.146	-2.146	0	%100
6	M10	Z	-1.239	-1.239	0	%100
7	MP3A	X	-8.204	-8.204	0	%100
8	MP3A	Z	-4.737	-4.737	0	%100
9	MP4A	X	-8.204	-8.204	0	%100
10	MP4A	Z	-4.737	-4.737	0	%100
11	MP2A	X	-8.204	-8.204	0	%100
12	MP2A	Z	-4.737	-4.737	0	%100
13	MP1A	X	-8.204	-8.204	0	%100
14	MP1A	Z	-4.737	-4.737	0	%100
15	M43	X	-2.146	-2.146	0	%100
16	M43	Z	-1.239	-1.239	0	%100
17	M46	X	-4.28	-4.28	0	%100
18	M46	Z	-2.471	-2.471	0	%100
19	M51B	X	-2.378	-2.378	0	%100
20	M51B	Z	-1.373	-1.373	0	%100
21	M52B	X	-9.512	-9.512	0	%100
22	M52B	Z	-5.492	-5.492	0	%100
23	M76	X	-12.841	-12.841	0	%100
24	M76	Z	-7.414	-7.414	0	%100
25	M77	X	-4.36	-4.36	0	%100
26	M77	Z	-2.517	-2.517	0	%100
27	M80	X	-4.592	-4.592	0	%100
28	M80	Z	-2.651	-2.651	0	%100
29	M84	X	-12.841	-12.841	0	%100
30	M84	Z	-7.414	-7.414	0	%100
31	M85	X	-17.439	-17.439	0	%100
32	M85	Z	-10.068	-10.068	0	%100
33	M91	X	-18.368	-18.368	0	%100
34	M91	Z	-10.605	-10.605	0	%100
35	M100	X	-1.694	-1.694	0	%100
36	M100	Z	-0.978	-0.978	0	%100
37	M123	X	-1.981	-1.981	0	%100
38	M123	Z	-1.144	-1.144	0	%100
39	M128	X	-9.781	-9.781	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
40	M128	Z	-5.647	-5.647	0	%100
41	M43A	X	-2.497	-2.497	0	%100
42	M43A	Z	-1.442	-1.442	0	%100
43	M44	X	-9.988	-9.988	0	%100
44	M44	Z	-5.766	-5.766	0	%100
45	M45B	X	-7.6	-7.6	0	%100
46	M45B	Z	-4.388	-4.388	0	%100
47	M46A	X	-2.146	-2.146	0	%100
48	M46A	Z	-1.239	-1.239	0	%100
49	M47	X	-2.146	-2.146	0	%100
50	M47	Z	-1.239	-1.239	0	%100
51	M48	X	-4.28	-4.28	0	%100
52	M48	Z	-2.471	-2.471	0	%100
53	M49	X	-9.512	-9.512	0	%100
54	M49	Z	-5.492	-5.492	0	%100
55	M50A	X	-2.378	-2.378	0	%100
56	M50A	Z	-1.373	-1.373	0	%100
57	M54	X	-12.841	-12.841	0	%100
58	M54	Z	-7.414	-7.414	0	%100
59	M55	X	-17.439	-17.439	0	%100
60	M55	Z	-10.068	-10.068	0	%100
61	M57	X	-18.368	-18.368	0	%100
62	M57	Z	-10.605	-10.605	0	%100
63	M59A	X	-12.841	-12.841	0	%100
64	M59A	Z	-7.414	-7.414	0	%100
65	M60	X	-4.36	-4.36	0	%100
66	M60	Z	-2.517	-2.517	0	%100
67	M62	X	-4.592	-4.592	0	%100
68	M62	Z	-2.651	-2.651	0	%100
69	M67	X	-9.781	-9.781	0	%100
70	M67	Z	-5.647	-5.647	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-8.584	-8.584	0	%100
74	M71	Z	-4.956	-4.956	0	%100
75	M72	X	-8.584	-8.584	0	%100
76	M72	Z	-4.956	-4.956	0	%100
77	M73	X	-17.122	-17.122	0	%100
78	M73	Z	-9.885	-9.885	0	%100
79	M74	X	-2.378	-2.378	0	%100
80	M74	Z	-1.373	-1.373	0	%100
81	M75	X	-2.378	-2.378	0	%100
82	M75	Z	-1.373	-1.373	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	-4.36	-4.36	0	%100
86	M80A	Z	-2.517	-2.517	0	%100
87	M82	X	-4.592	-4.592	0	%100
88	M82	Z	-2.651	-2.651	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-4.36	-4.36	0	%100
92	M85A	Z	-2.517	-2.517	0	%100
93	M87	X	-4.592	-4.592	0	%100
94	M87	Z	-2.651	-2.651	0	%100
95	M92A	X	-5.773	-5.773	0	%100
96	M92A	Z	-3.333	-3.333	0	%100
97	M95	X	-1.694	-1.694	0	%100
98	M95	Z	-0.978	-0.978	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
99	M96	X	-6.777	-6.777	0	%100
100	M96	Z	-3.913	-3.913	0	%100
101	M99	X	-1.981	-1.981	0	%100
102	M99	Z	-1.144	-1.144	0	%100
103	M102A	X	-7.924	-7.924	0	%100
104	M102A	Z	-4.575	-4.575	0	%100
105	MP3C	X	-8.204	-8.204	0	%100
106	MP3C	Z	-4.737	-4.737	0	%100
107	MP5C	X	-8.204	-8.204	0	%100
108	MP5C	Z	-4.737	-4.737	0	%100
109	MP2C	X	-8.204	-8.204	0	%100
110	MP2C	Z	-4.737	-4.737	0	%100
111	MP1C	X	-8.204	-8.204	0	%100
112	MP1C	Z	-4.737	-4.737	0	%100
113	MP3B	X	-8.204	-8.204	0	%100
114	MP3B	Z	-4.737	-4.737	0	%100
115	MP5B	X	-8.204	-8.204	0	%100
116	MP5B	Z	-4.737	-4.737	0	%100
117	MP2B	X	-8.204	-8.204	0	%100
118	MP2B	Z	-4.737	-4.737	0	%100
119	MP1B	X	-8.204	-8.204	0	%100
120	MP1B	Z	-4.737	-4.737	0	%100
121	MP4C	X	-7.048	-7.048	0	%100
122	MP4C	Z	-4.069	-4.069	0	%100
123	MP4B	X	-7.048	-7.048	0	%100
124	MP4B	Z	-4.069	-4.069	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-4.325	-4.325	0	%100
2	M1	Z	-7.491	-7.491	0	%100
3	M4	X	-1.463	-1.463	0	%100
4	M4	Z	-2.533	-2.533	0	%100
5	M10	X	-3.717	-3.717	0	%100
6	M10	Z	-6.438	-6.438	0	%100
7	MP3A	X	-4.737	-4.737	0	%100
8	MP3A	Z	-8.204	-8.204	0	%100
9	MP4A	X	-4.737	-4.737	0	%100
10	MP4A	Z	-8.204	-8.204	0	%100
11	MP2A	X	-4.737	-4.737	0	%100
12	MP2A	Z	-8.204	-8.204	0	%100
13	MP1A	X	-4.737	-4.737	0	%100
14	MP1A	Z	-8.204	-8.204	0	%100
15	M43	X	-3.717	-3.717	0	%100
16	M43	Z	-6.438	-6.438	0	%100
17	M46	X	-7.414	-7.414	0	%100
18	M46	Z	-12.841	-12.841	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-4.119	-4.119	0	%100
22	M52B	Z	-7.134	-7.134	0	%100
23	M76	X	-2.471	-2.471	0	%100
24	M76	Z	-4.28	-4.28	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-2.471	-2.471	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
30	M84	Z	-4.28	-4.28	0	%100
31	M85	X	-7.551	-7.551	0	%100
32	M85	Z	-13.079	-13.079	0	%100
33	M91	X	-7.954	-7.954	0	%100
34	M91	Z	-13.776	-13.776	0	%100
35	M100	X	-2.935	-2.935	0	%100
36	M100	Z	-5.083	-5.083	0	%100
37	M123	X	-3.431	-3.431	0	%100
38	M123	Z	-5.943	-5.943	0	%100
39	M128	X	-4.104	-4.104	0	%100
40	M128	Z	-7.109	-7.109	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-4.325	-4.325	0	%100
44	M44	Z	-7.491	-7.491	0	%100
45	M45B	X	-5.85	-5.85	0	%100
46	M45B	Z	-10.133	-10.133	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-4.119	-4.119	0	%100
54	M49	Z	-7.134	-7.134	0	%100
55	M50A	X	-4.119	-4.119	0	%100
56	M50A	Z	-7.134	-7.134	0	%100
57	M54	X	-9.885	-9.885	0	%100
58	M54	Z	-17.122	-17.122	0	%100
59	M55	X	-7.551	-7.551	0	%100
60	M55	Z	-13.079	-13.079	0	%100
61	M57	X	-7.954	-7.954	0	%100
62	M57	Z	-13.776	-13.776	0	%100
63	M59A	X	-9.885	-9.885	0	%100
64	M59A	Z	-17.122	-17.122	0	%100
65	M60	X	-7.551	-7.551	0	%100
66	M60	Z	-13.079	-13.079	0	%100
67	M62	X	-7.954	-7.954	0	%100
68	M62	Z	-13.776	-13.776	0	%100
69	M67	X	-6.418	-6.418	0	%100
70	M67	Z	-11.116	-11.116	0	%100
71	M70	X	-1.463	-1.463	0	%100
72	M70	Z	-2.533	-2.533	0	%100
73	M71	X	-3.717	-3.717	0	%100
74	M71	Z	-6.438	-6.438	0	%100
75	M72	X	-3.717	-3.717	0	%100
76	M72	Z	-6.438	-6.438	0	%100
77	M73	X	-7.414	-7.414	0	%100
78	M73	Z	-12.841	-12.841	0	%100
79	M74	X	-4.119	-4.119	0	%100
80	M74	Z	-7.134	-7.134	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-2.471	-2.471	0	%100
84	M79A	Z	-4.28	-4.28	0	%100
85	M80A	X	-7.551	-7.551	0	%100
86	M80A	Z	-13.079	-13.079	0	%100
87	M82	X	-7.954	-7.954	0	%100
88	M82	Z	-13.776	-13.776	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
89	M84A	X	-2.471	-2.471	0	%100
90	M84A	Z	-4.28	-4.28	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-4.104	-4.104	0	%100
96	M92A	Z	-7.109	-7.109	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-2.935	-2.935	0	%100
100	M96	Z	-5.083	-5.083	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-3.431	-3.431	0	%100
104	M102A	Z	-5.943	-5.943	0	%100
105	MP3C	X	-4.737	-4.737	0	%100
106	MP3C	Z	-8.204	-8.204	0	%100
107	MP5C	X	-4.737	-4.737	0	%100
108	MP5C	Z	-8.204	-8.204	0	%100
109	MP2C	X	-4.737	-4.737	0	%100
110	MP2C	Z	-8.204	-8.204	0	%100
111	MP1C	X	-4.737	-4.737	0	%100
112	MP1C	Z	-8.204	-8.204	0	%100
113	MP3B	X	-4.737	-4.737	0	%100
114	MP3B	Z	-8.204	-8.204	0	%100
115	MP5B	X	-4.737	-4.737	0	%100
116	MP5B	Z	-8.204	-8.204	0	%100
117	MP2B	X	-4.737	-4.737	0	%100
118	MP2B	Z	-8.204	-8.204	0	%100
119	MP1B	X	-4.737	-4.737	0	%100
120	MP1B	Z	-8.204	-8.204	0	%100
121	MP4C	X	-4.069	-4.069	0	%100
122	MP4C	Z	-7.048	-7.048	0	%100
123	MP4B	X	-4.069	-4.069	0	%100
124	MP4B	Z	-7.048	-7.048	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.317	-3.317	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.729	-2.729	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-2.959	-2.959	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-2.959	-2.959	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	-2.959	-2.959	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-2.959	-2.959	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-2.729	-2.729	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-4.269	-4.269	0	%100
19	M51B	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....	Start Location(ft.%]	End Location(ft.%]
20	M51B	Z	-.791	-.791	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.791	-.791	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-1.066	-1.066	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.112	-1.112	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-1.066	-1.066	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.112	-1.112	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-2.673	-2.673	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	-2.44	-2.44	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	-1.54	-1.54	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	-.829	-.829	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-.829	-.829	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	-2.509	-2.509	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	-.682	-.682	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	-.682	-.682	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.067	-1.067	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-.791	-.791	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	-3.163	-3.163	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-3.149	-3.149	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-1.066	-1.066	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-1.112	-1.112	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	-3.149	-3.149	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-4.263	-4.263	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-4.449	-4.449	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-3.005	-3.005	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	-2.509	-2.509	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-.682	-.682	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-.682	-.682	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	-1.067	-1.067	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
79	M74	X	0	0	0	%100
80	M74	Z	-3.163	-3.163	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	-.791	-.791	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-3.149	-3.149	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	-4.263	-4.263	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-4.449	-4.449	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-3.149	-3.149	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	-1.066	-1.066	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-1.112	-1.112	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-3.005	-3.005	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-.668	-.668	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-.668	-.668	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-.61	-.61	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	-.61	-.61	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-2.959	-2.959	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	-2.959	-2.959	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-2.959	-2.959	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-2.959	-2.959	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-2.959	-2.959	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	-2.959	-2.959	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-2.959	-2.959	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-2.959	-2.959	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	-2.648	-2.648	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-2.648	-2.648	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.244	1.244	0	%100
2	M1	Z	-2.154	-2.154	0	%100
3	M4	X	.418	.418	0	%100
4	M4	Z	-.724	-.724	0	%100
5	M10	X	1.023	1.023	0	%100
6	M10	Z	-1.772	-1.772	0	%100
7	MP3A	X	1.479	1.479	0	%100
8	MP3A	Z	-2.563	-2.563	0	%100
9	MP4A	X	1.479	1.479	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
10	MP4A	Z	-2.563	-2.563	0	%100
11	MP2A	X	1.479	1.479	0	%100
12	MP2A	Z	-2.563	-2.563	0	%100
13	MP1A	X	1.479	1.479	0	%100
14	MP1A	Z	-2.563	-2.563	0	%100
15	M43	X	1.023	1.023	0	%100
16	M43	Z	-1.772	-1.772	0	%100
17	M46	X	1.601	1.601	0	%100
18	M46	Z	-2.773	-2.773	0	%100
19	M51B	X	1.186	1.186	0	%100
20	M51B	Z	-2.055	-2.055	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.525	.525	0	%100
24	M76	Z	-.909	-.909	0	%100
25	M77	X	1.598	1.598	0	%100
26	M77	Z	-2.769	-2.769	0	%100
27	M80	X	1.668	1.668	0	%100
28	M80	Z	-2.89	-2.89	0	%100
29	M84	X	.525	.525	0	%100
30	M84	Z	-.909	-.909	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	1.002	1.002	0	%100
36	M100	Z	-1.736	-1.736	0	%100
37	M123	X	.915	.915	0	%100
38	M123	Z	-1.585	-1.585	0	%100
39	M128	X	1.014	1.014	0	%100
40	M128	Z	-1.756	-1.756	0	%100
41	M43A	X	1.244	1.244	0	%100
42	M43A	Z	-2.154	-2.154	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.418	.418	0	%100
46	M45B	Z	-.724	-.724	0	%100
47	M46A	X	1.023	1.023	0	%100
48	M46A	Z	-1.772	-1.772	0	%100
49	M47	X	1.023	1.023	0	%100
50	M47	Z	-1.772	-1.772	0	%100
51	M48	X	1.601	1.601	0	%100
52	M48	Z	-2.773	-2.773	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	1.186	1.186	0	%100
56	M50A	Z	-2.055	-2.055	0	%100
57	M54	X	.525	.525	0	%100
58	M54	Z	-.909	-.909	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	.525	.525	0	%100
64	M59A	Z	-.909	-.909	0	%100
65	M60	X	1.598	1.598	0	%100
66	M60	Z	-2.769	-2.769	0	%100
67	M62	X	1.668	1.668	0	%100
68	M62	Z	-2.89	-2.89	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
69	M67	X	1.014	1.014	0	%100
70	M67	Z	-1.756	-1.756	0	%100
71	M70	X	1.673	1.673	0	%100
72	M70	Z	-2.897	-2.897	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	1.186	1.186	0	%100
80	M74	Z	-2.055	-2.055	0	%100
81	M75	X	1.186	1.186	0	%100
82	M75	Z	-2.055	-2.055	0	%100
83	M79A	X	2.1	2.1	0	%100
84	M79A	Z	-3.636	-3.636	0	%100
85	M80A	X	1.598	1.598	0	%100
86	M80A	Z	-2.769	-2.769	0	%100
87	M82	X	1.668	1.668	0	%100
88	M82	Z	-2.89	-2.89	0	%100
89	M84A	X	2.1	2.1	0	%100
90	M84A	Z	-3.636	-3.636	0	%100
91	M85A	X	1.598	1.598	0	%100
92	M85A	Z	-2.769	-2.769	0	%100
93	M87	X	1.668	1.668	0	%100
94	M87	Z	-2.89	-2.89	0	%100
95	M92A	X	1.747	1.747	0	%100
96	M92A	Z	-3.025	-3.025	0	%100
97	M95	X	1.002	1.002	0	%100
98	M95	Z	-1.736	-1.736	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	.915	.915	0	%100
102	M99	Z	-1.585	-1.585	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	1.479	1.479	0	%100
106	MP3C	Z	-2.563	-2.563	0	%100
107	MP5C	X	1.479	1.479	0	%100
108	MP5C	Z	-2.563	-2.563	0	%100
109	MP2C	X	1.479	1.479	0	%100
110	MP2C	Z	-2.563	-2.563	0	%100
111	MP1C	X	1.479	1.479	0	%100
112	MP1C	Z	-2.563	-2.563	0	%100
113	MP3B	X	1.479	1.479	0	%100
114	MP3B	Z	-2.563	-2.563	0	%100
115	MP5B	X	1.479	1.479	0	%100
116	MP5B	Z	-2.563	-2.563	0	%100
117	MP2B	X	1.479	1.479	0	%100
118	MP2B	Z	-2.563	-2.563	0	%100
119	MP1B	X	1.479	1.479	0	%100
120	MP1B	Z	-2.563	-2.563	0	%100
121	MP4C	X	1.324	1.324	0	%100
122	MP4C	Z	-2.294	-2.294	0	%100
123	MP4B	X	1.324	1.324	0	%100
124	MP4B	Z	-2.294	-2.294	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.718	.718	0	%100
2	M1	Z	-.415	-.415	0	%100
3	M4	X	2.173	2.173	0	%100
4	M4	Z	-1.255	-1.255	0	%100
5	M10	X	.591	.591	0	%100
6	M10	Z	-.341	-.341	0	%100
7	MP3A	X	2.563	2.563	0	%100
8	MP3A	Z	-1.479	-1.479	0	%100
9	MP4A	X	2.563	2.563	0	%100
10	MP4A	Z	-1.479	-1.479	0	%100
11	MP2A	X	2.563	2.563	0	%100
12	MP2A	Z	-1.479	-1.479	0	%100
13	MP1A	X	2.563	2.563	0	%100
14	MP1A	Z	-1.479	-1.479	0	%100
15	M43	X	.591	.591	0	%100
16	M43	Z	-.341	-.341	0	%100
17	M46	X	.924	.924	0	%100
18	M46	Z	-.534	-.534	0	%100
19	M51B	X	2.739	2.739	0	%100
20	M51B	Z	-1.582	-1.582	0	%100
21	M52B	X	.685	.685	0	%100
22	M52B	Z	-.395	-.395	0	%100
23	M76	X	2.727	2.727	0	%100
24	M76	Z	-1.575	-1.575	0	%100
25	M77	X	3.692	3.692	0	%100
26	M77	Z	-2.131	-2.131	0	%100
27	M80	X	3.853	3.853	0	%100
28	M80	Z	-2.224	-2.224	0	%100
29	M84	X	2.727	2.727	0	%100
30	M84	Z	-1.575	-1.575	0	%100
31	M85	X	.923	.923	0	%100
32	M85	Z	-.533	-.533	0	%100
33	M91	X	.963	.963	0	%100
34	M91	Z	-.556	-.556	0	%100
35	M100	X	.579	.579	0	%100
36	M100	Z	-.334	-.334	0	%100
37	M123	X	.528	.528	0	%100
38	M123	Z	-.305	-.305	0	%100
39	M128	X	2.602	2.602	0	%100
40	M128	Z	-1.502	-1.502	0	%100
41	M43A	X	2.872	2.872	0	%100
42	M43A	Z	-1.658	-1.658	0	%100
43	M44	X	.718	.718	0	%100
44	M44	Z	-.415	-.415	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	2.363	2.363	0	%100
48	M46A	Z	-1.364	-1.364	0	%100
49	M47	X	2.363	2.363	0	%100
50	M47	Z	-1.364	-1.364	0	%100
51	M48	X	3.697	3.697	0	%100
52	M48	Z	-2.135	-2.135	0	%100
53	M49	X	.685	.685	0	%100
54	M49	Z	-.395	-.395	0	%100
55	M50A	X	.685	.685	0	%100
56	M50A	Z	-.395	-.395	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.923	.923	0	%100

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

	Member Label	Direction	Start Magnitude(lb/ft....	End Magnitude(lb/ft....	Start Location(ft,%]	End Location(ft,%]
60	M55	Z	- .533	- .533	0	%100
61	M57	X	.963	.963	0	%100
62	M57	Z	- .556	- .556	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	.923	.923	0	%100
66	M60	Z	- .533	- .533	0	%100
67	M62	X	.963	.963	0	%100
68	M62	Z	- .556	- .556	0	%100
69	M67	X	1.333	1.333	0	%100
70	M67	Z	- .77	- .77	0	%100
71	M70	X	2.173	2.173	0	%100
72	M70	Z	-1.255	-1.255	0	%100
73	M71	X	.591	.591	0	%100
74	M71	Z	- .341	- .341	0	%100
75	M72	X	.591	.591	0	%100
76	M72	Z	- .341	- .341	0	%100
77	M73	X	.924	.924	0	%100
78	M73	Z	- .534	- .534	0	%100
79	M74	X	.685	.685	0	%100
80	M74	Z	- .395	- .395	0	%100
81	M75	X	2.739	2.739	0	%100
82	M75	Z	-1.582	-1.582	0	%100
83	M79A	X	2.727	2.727	0	%100
84	M79A	Z	-1.575	-1.575	0	%100
85	M80A	X	.923	.923	0	%100
86	M80A	Z	- .533	- .533	0	%100
87	M82	X	.963	.963	0	%100
88	M82	Z	- .556	- .556	0	%100
89	M84A	X	2.727	2.727	0	%100
90	M84A	Z	-1.575	-1.575	0	%100
91	M85A	X	3.692	3.692	0	%100
92	M85A	Z	-2.131	-2.131	0	%100
93	M87	X	3.853	3.853	0	%100
94	M87	Z	-2.224	-2.224	0	%100
95	M92A	X	2.602	2.602	0	%100
96	M92A	Z	-1.502	-1.502	0	%100
97	M95	X	2.315	2.315	0	%100
98	M95	Z	-1.336	-1.336	0	%100
99	M96	X	.579	.579	0	%100
100	M96	Z	- .334	- .334	0	%100
101	M99	X	2.113	2.113	0	%100
102	M99	Z	-1.22	-1.22	0	%100
103	M102A	X	.528	.528	0	%100
104	M102A	Z	- .305	- .305	0	%100
105	MP3C	X	2.563	2.563	0	%100
106	MP3C	Z	-1.479	-1.479	0	%100
107	MP5C	X	2.563	2.563	0	%100
108	MP5C	Z	-1.479	-1.479	0	%100
109	MP2C	X	2.563	2.563	0	%100
110	MP2C	Z	-1.479	-1.479	0	%100
111	MP1C	X	2.563	2.563	0	%100
112	MP1C	Z	-1.479	-1.479	0	%100
113	MP3B	X	2.563	2.563	0	%100
114	MP3B	Z	-1.479	-1.479	0	%100
115	MP5B	X	2.563	2.563	0	%100
116	MP5B	Z	-1.479	-1.479	0	%100
117	MP2B	X	2.563	2.563	0	%100
118	MP2B	Z	-1.479	-1.479	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
119	MP1B	X	2.563	2.563	0	%100
120	MP1B	Z	-1.479	-1.479	0	%100
121	MP4C	X	2.294	2.294	0	%100
122	MP4C	Z	-1.324	-1.324	0	%100
123	MP4B	X	2.294	2.294	0	%100
124	MP4B	Z	-1.324	-1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.346	3.346	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	2.959	2.959	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	2.959	2.959	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	2.959	2.959	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	2.959	2.959	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	2.372	2.372	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.372	2.372	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	4.199	4.199	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	3.197	3.197	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.337	3.337	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	4.199	4.199	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	3.197	3.197	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	3.337	3.337	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	3.493	3.493	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	2.487	2.487	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	2.487	2.487	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.836	.836	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	2.046	2.046	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	2.046	2.046	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
50	M47	Z	0	0	0	%100
51	M48	X	3.202	3.202	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	2.372	2.372	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	1.05	1.05	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	3.197	3.197	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	3.337	3.337	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	1.05	1.05	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	2.028	2.028	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	.836	.836	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	2.046	2.046	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	2.046	2.046	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	3.202	3.202	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	2.372	2.372	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	1.05	1.05	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	1.05	1.05	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	3.197	3.197	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	3.337	3.337	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	2.028	2.028	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	2.005	2.005	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	2.005	2.005	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	1.83	1.83	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	1.83	1.83	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	2.959	2.959	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	2.959	2.959	0	%100
108	MP5C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
109	MP2C	X	2.959	2.959	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	2.959	2.959	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	2.959	2.959	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	2.959	2.959	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	2.959	2.959	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	2.959	2.959	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	2.648	2.648	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	2.648	2.648	0	%100
124	MP4B	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....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.718	.718	0	%100
2	M1	Z	.415	.415	0	%100
3	M4	X	2.173	2.173	0	%100
4	M4	Z	1.255	1.255	0	%100
5	M10	X	.591	.591	0	%100
6	M10	Z	.341	.341	0	%100
7	MP3A	X	2.563	2.563	0	%100
8	MP3A	Z	1.479	1.479	0	%100
9	MP4A	X	2.563	2.563	0	%100
10	MP4A	Z	1.479	1.479	0	%100
11	MP2A	X	2.563	2.563	0	%100
12	MP2A	Z	1.479	1.479	0	%100
13	MP1A	X	2.563	2.563	0	%100
14	MP1A	Z	1.479	1.479	0	%100
15	M43	X	.591	.591	0	%100
16	M43	Z	.341	.341	0	%100
17	M46	X	.924	.924	0	%100
18	M46	Z	.534	.534	0	%100
19	M51B	X	.685	.685	0	%100
20	M51B	Z	.395	.395	0	%100
21	M52B	X	2.739	2.739	0	%100
22	M52B	Z	1.582	1.582	0	%100
23	M76	X	2.727	2.727	0	%100
24	M76	Z	1.575	1.575	0	%100
25	M77	X	.923	.923	0	%100
26	M77	Z	.533	.533	0	%100
27	M80	X	.963	.963	0	%100
28	M80	Z	.556	.556	0	%100
29	M84	X	2.727	2.727	0	%100
30	M84	Z	1.575	1.575	0	%100
31	M85	X	3.692	3.692	0	%100
32	M85	Z	2.131	2.131	0	%100
33	M91	X	3.853	3.853	0	%100
34	M91	Z	2.224	2.224	0	%100
35	M100	X	.579	.579	0	%100
36	M100	Z	.334	.334	0	%100
37	M123	X	.528	.528	0	%100
38	M123	Z	.305	.305	0	%100
39	M128	X	2.602	2.602	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
40	M128	Z	1.502	1.502	0	%100
41	M43A	X	.718	.718	0	%100
42	M43A	Z	.415	.415	0	%100
43	M44	X	2.872	2.872	0	%100
44	M44	Z	1.658	1.658	0	%100
45	M45B	X	2.173	2.173	0	%100
46	M45B	Z	1.255	1.255	0	%100
47	M46A	X	.591	.591	0	%100
48	M46A	Z	.341	.341	0	%100
49	M47	X	.591	.591	0	%100
50	M47	Z	.341	.341	0	%100
51	M48	X	.924	.924	0	%100
52	M48	Z	.534	.534	0	%100
53	M49	X	2.739	2.739	0	%100
54	M49	Z	1.582	1.582	0	%100
55	M50A	X	.685	.685	0	%100
56	M50A	Z	.395	.395	0	%100
57	M54	X	2.727	2.727	0	%100
58	M54	Z	1.575	1.575	0	%100
59	M55	X	3.692	3.692	0	%100
60	M55	Z	2.131	2.131	0	%100
61	M57	X	3.853	3.853	0	%100
62	M57	Z	2.224	2.224	0	%100
63	M59A	X	2.727	2.727	0	%100
64	M59A	Z	1.575	1.575	0	%100
65	M60	X	.923	.923	0	%100
66	M60	Z	.533	.533	0	%100
67	M62	X	.963	.963	0	%100
68	M62	Z	.556	.556	0	%100
69	M67	X	2.602	2.602	0	%100
70	M67	Z	1.502	1.502	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	2.363	2.363	0	%100
74	M71	Z	1.364	1.364	0	%100
75	M72	X	2.363	2.363	0	%100
76	M72	Z	1.364	1.364	0	%100
77	M73	X	3.697	3.697	0	%100
78	M73	Z	2.135	2.135	0	%100
79	M74	X	.685	.685	0	%100
80	M74	Z	.395	.395	0	%100
81	M75	X	.685	.685	0	%100
82	M75	Z	.395	.395	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	.923	.923	0	%100
86	M80A	Z	.533	.533	0	%100
87	M82	X	.963	.963	0	%100
88	M82	Z	.556	.556	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	.923	.923	0	%100
92	M85A	Z	.533	.533	0	%100
93	M87	X	.963	.963	0	%100
94	M87	Z	.556	.556	0	%100
95	M92A	X	1.333	1.333	0	%100
96	M92A	Z	.77	.77	0	%100
97	M95	X	.579	.579	0	%100
98	M95	Z	.334	.334	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
99	M96	X	2.315	2.315	0	%100
100	M96	Z	1.336	1.336	0	%100
101	M99	X	.528	.528	0	%100
102	M99	Z	.305	.305	0	%100
103	M102A	X	2.113	2.113	0	%100
104	M102A	Z	1.22	1.22	0	%100
105	MP3C	X	2.563	2.563	0	%100
106	MP3C	Z	1.479	1.479	0	%100
107	MP5C	X	2.563	2.563	0	%100
108	MP5C	Z	1.479	1.479	0	%100
109	MP2C	X	2.563	2.563	0	%100
110	MP2C	Z	1.479	1.479	0	%100
111	MP1C	X	2.563	2.563	0	%100
112	MP1C	Z	1.479	1.479	0	%100
113	MP3B	X	2.563	2.563	0	%100
114	MP3B	Z	1.479	1.479	0	%100
115	MP5B	X	2.563	2.563	0	%100
116	MP5B	Z	1.479	1.479	0	%100
117	MP2B	X	2.563	2.563	0	%100
118	MP2B	Z	1.479	1.479	0	%100
119	MP1B	X	2.563	2.563	0	%100
120	MP1B	Z	1.479	1.479	0	%100
121	MP4C	X	2.294	2.294	0	%100
122	MP4C	Z	1.324	1.324	0	%100
123	MP4B	X	2.294	2.294	0	%100
124	MP4B	Z	1.324	1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.244	1.244	0	%100
2	M1	Z	2.154	2.154	0	%100
3	M4	X	.418	.418	0	%100
4	M4	Z	.724	.724	0	%100
5	M10	X	1.023	1.023	0	%100
6	M10	Z	1.772	1.772	0	%100
7	MP3A	X	1.479	1.479	0	%100
8	MP3A	Z	2.563	2.563	0	%100
9	MP4A	X	1.479	1.479	0	%100
10	MP4A	Z	2.563	2.563	0	%100
11	MP2A	X	1.479	1.479	0	%100
12	MP2A	Z	2.563	2.563	0	%100
13	MP1A	X	1.479	1.479	0	%100
14	MP1A	Z	2.563	2.563	0	%100
15	M43	X	1.023	1.023	0	%100
16	M43	Z	1.772	1.772	0	%100
17	M46	X	1.601	1.601	0	%100
18	M46	Z	2.773	2.773	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.186	1.186	0	%100
22	M52B	Z	2.055	2.055	0	%100
23	M76	X	.525	.525	0	%100
24	M76	Z	.909	.909	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.525	.525	0	%100

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

	Member Label	Direction	Start Magnitude(lb/ft....	End Magnitude(lb/ft....	Start Location(ft.%)	End Location(ft.%)
30	M84	Z	.909	.909	0	%100
31	M85	X	1.598	1.598	0	%100
32	M85	Z	2.769	2.769	0	%100
33	M91	X	1.668	1.668	0	%100
34	M91	Z	2.89	2.89	0	%100
35	M100	X	1.002	1.002	0	%100
36	M100	Z	1.736	1.736	0	%100
37	M123	X	.915	.915	0	%100
38	M123	Z	1.585	1.585	0	%100
39	M128	X	1.014	1.014	0	%100
40	M128	Z	1.756	1.756	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	1.244	1.244	0	%100
44	M44	Z	2.154	2.154	0	%100
45	M45B	X	1.673	1.673	0	%100
46	M45B	Z	2.897	2.897	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	1.186	1.186	0	%100
54	M49	Z	2.055	2.055	0	%100
55	M50A	X	1.186	1.186	0	%100
56	M50A	Z	2.055	2.055	0	%100
57	M54	X	2.1	2.1	0	%100
58	M54	Z	3.636	3.636	0	%100
59	M55	X	1.598	1.598	0	%100
60	M55	Z	2.769	2.769	0	%100
61	M57	X	1.668	1.668	0	%100
62	M57	Z	2.89	2.89	0	%100
63	M59A	X	2.1	2.1	0	%100
64	M59A	Z	3.636	3.636	0	%100
65	M60	X	1.598	1.598	0	%100
66	M60	Z	2.769	2.769	0	%100
67	M62	X	1.668	1.668	0	%100
68	M62	Z	2.89	2.89	0	%100
69	M67	X	1.747	1.747	0	%100
70	M67	Z	3.025	3.025	0	%100
71	M70	X	.418	.418	0	%100
72	M70	Z	.724	.724	0	%100
73	M71	X	1.023	1.023	0	%100
74	M71	Z	1.772	1.772	0	%100
75	M72	X	1.023	1.023	0	%100
76	M72	Z	1.772	1.772	0	%100
77	M73	X	1.601	1.601	0	%100
78	M73	Z	2.773	2.773	0	%100
79	M74	X	1.186	1.186	0	%100
80	M74	Z	2.055	2.055	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	.525	.525	0	%100
84	M79A	Z	.909	.909	0	%100
85	M80A	X	1.598	1.598	0	%100
86	M80A	Z	2.769	2.769	0	%100
87	M82	X	1.668	1.668	0	%100
88	M82	Z	2.89	2.89	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
89	M84A	X	.525	.525	0	%100
90	M84A	Z	.909	.909	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	1.014	1.014	0	%100
96	M92A	Z	1.756	1.756	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	1.002	1.002	0	%100
100	M96	Z	1.736	1.736	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	.915	.915	0	%100
104	M102A	Z	1.585	1.585	0	%100
105	MP3C	X	1.479	1.479	0	%100
106	MP3C	Z	2.563	2.563	0	%100
107	MP5C	X	1.479	1.479	0	%100
108	MP5C	Z	2.563	2.563	0	%100
109	MP2C	X	1.479	1.479	0	%100
110	MP2C	Z	2.563	2.563	0	%100
111	MP1C	X	1.479	1.479	0	%100
112	MP1C	Z	2.563	2.563	0	%100
113	MP3B	X	1.479	1.479	0	%100
114	MP3B	Z	2.563	2.563	0	%100
115	MP5B	X	1.479	1.479	0	%100
116	MP5B	Z	2.563	2.563	0	%100
117	MP2B	X	1.479	1.479	0	%100
118	MP2B	Z	2.563	2.563	0	%100
119	MP1B	X	1.479	1.479	0	%100
120	MP1B	Z	2.563	2.563	0	%100
121	MP4C	X	1.324	1.324	0	%100
122	MP4C	Z	2.294	2.294	0	%100
123	MP4B	X	1.324	1.324	0	%100
124	MP4B	Z	2.294	2.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	3.317	3.317	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.729	2.729	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	2.959	2.959	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	2.959	2.959	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	2.959	2.959	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	2.959	2.959	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	2.729	2.729	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	4.269	4.269	0	%100
19	M51B	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....	Start Location(ft.%)	End Location(ft.%)
20	M51B	Z	.791	.791	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.791	.791	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	1.066	1.066	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.112	1.112	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	1.066	1.066	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.112	1.112	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	2.673	2.673	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	2.44	2.44	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	1.54	1.54	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	.829	.829	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	.829	.829	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	2.509	2.509	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	.682	.682	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	.682	.682	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.067	1.067	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	.791	.791	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	3.163	3.163	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	3.149	3.149	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	1.066	1.066	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	1.112	1.112	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	3.149	3.149	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	4.263	4.263	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	4.449	4.449	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	3.005	3.005	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	2.509	2.509	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	.682	.682	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	.682	.682	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	1.067	1.067	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
79	M74	X	0	0	0	%100
80	M74	Z	3.163	3.163	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	.791	.791	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	3.149	3.149	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	4.263	4.263	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	4.449	4.449	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	3.149	3.149	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	1.066	1.066	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	1.112	1.112	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	3.005	3.005	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	.668	.668	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	.668	.668	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	.61	.61	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	.61	.61	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	2.959	2.959	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	2.959	2.959	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	2.959	2.959	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	2.959	2.959	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	2.959	2.959	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	2.959	2.959	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	2.959	2.959	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	2.959	2.959	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	2.648	2.648	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	2.648	2.648	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-1.244	-1.244	0	%100
2	M1	Z	2.154	2.154	0	%100
3	M4	X	-.418	-.418	0	%100
4	M4	Z	.724	.724	0	%100
5	M10	X	-1.023	-1.023	0	%100
6	M10	Z	1.772	1.772	0	%100
7	MP3A	X	-1.479	-1.479	0	%100
8	MP3A	Z	2.563	2.563	0	%100
9	MP4A	X	-1.479	-1.479	0	%100

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

	Member Label	Direction	Start Magnitude(lb/ft....	End Magnitude(lb/ft....	Start Location(ft.%]	End Location(ft.%]
10	MP4A	Z	2.563	2.563	0	%100
11	MP2A	X	-1.479	-1.479	0	%100
12	MP2A	Z	2.563	2.563	0	%100
13	MP1A	X	-1.479	-1.479	0	%100
14	MP1A	Z	2.563	2.563	0	%100
15	M43	X	-1.023	-1.023	0	%100
16	M43	Z	1.772	1.772	0	%100
17	M46	X	-1.601	-1.601	0	%100
18	M46	Z	2.773	2.773	0	%100
19	M51B	X	-1.186	-1.186	0	%100
20	M51B	Z	2.055	2.055	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.525	-.525	0	%100
24	M76	Z	.909	.909	0	%100
25	M77	X	-1.598	-1.598	0	%100
26	M77	Z	2.769	2.769	0	%100
27	M80	X	-1.668	-1.668	0	%100
28	M80	Z	2.89	2.89	0	%100
29	M84	X	-.525	-.525	0	%100
30	M84	Z	.909	.909	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	-1.002	-1.002	0	%100
36	M100	Z	1.736	1.736	0	%100
37	M123	X	-.915	-.915	0	%100
38	M123	Z	1.585	1.585	0	%100
39	M128	X	-1.014	-1.014	0	%100
40	M128	Z	1.756	1.756	0	%100
41	M43A	X	-1.244	-1.244	0	%100
42	M43A	Z	2.154	2.154	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-.418	-.418	0	%100
46	M45B	Z	.724	.724	0	%100
47	M46A	X	-1.023	-1.023	0	%100
48	M46A	Z	1.772	1.772	0	%100
49	M47	X	-1.023	-1.023	0	%100
50	M47	Z	1.772	1.772	0	%100
51	M48	X	-1.601	-1.601	0	%100
52	M48	Z	2.773	2.773	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	-1.186	-1.186	0	%100
56	M50A	Z	2.055	2.055	0	%100
57	M54	X	-.525	-.525	0	%100
58	M54	Z	.909	.909	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-.525	-.525	0	%100
64	M59A	Z	.909	.909	0	%100
65	M60	X	-1.598	-1.598	0	%100
66	M60	Z	2.769	2.769	0	%100
67	M62	X	-1.668	-1.668	0	%100
68	M62	Z	2.89	2.89	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
69	M67	X	-1.014	-1.014	0	%100
70	M67	Z	1.756	1.756	0	%100
71	M70	X	-1.673	-1.673	0	%100
72	M70	Z	2.897	2.897	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	-1.186	-1.186	0	%100
80	M74	Z	2.055	2.055	0	%100
81	M75	X	-1.186	-1.186	0	%100
82	M75	Z	2.055	2.055	0	%100
83	M79A	X	-2.1	-2.1	0	%100
84	M79A	Z	3.636	3.636	0	%100
85	M80A	X	-1.598	-1.598	0	%100
86	M80A	Z	2.769	2.769	0	%100
87	M82	X	-1.668	-1.668	0	%100
88	M82	Z	2.89	2.89	0	%100
89	M84A	X	-2.1	-2.1	0	%100
90	M84A	Z	3.636	3.636	0	%100
91	M85A	X	-1.598	-1.598	0	%100
92	M85A	Z	2.769	2.769	0	%100
93	M87	X	-1.668	-1.668	0	%100
94	M87	Z	2.89	2.89	0	%100
95	M92A	X	-1.747	-1.747	0	%100
96	M92A	Z	3.025	3.025	0	%100
97	M95	X	-1.002	-1.002	0	%100
98	M95	Z	1.736	1.736	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-0.915	-0.915	0	%100
102	M99	Z	1.585	1.585	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-1.479	-1.479	0	%100
106	MP3C	Z	2.563	2.563	0	%100
107	MP5C	X	-1.479	-1.479	0	%100
108	MP5C	Z	2.563	2.563	0	%100
109	MP2C	X	-1.479	-1.479	0	%100
110	MP2C	Z	2.563	2.563	0	%100
111	MP1C	X	-1.479	-1.479	0	%100
112	MP1C	Z	2.563	2.563	0	%100
113	MP3B	X	-1.479	-1.479	0	%100
114	MP3B	Z	2.563	2.563	0	%100
115	MP5B	X	-1.479	-1.479	0	%100
116	MP5B	Z	2.563	2.563	0	%100
117	MP2B	X	-1.479	-1.479	0	%100
118	MP2B	Z	2.563	2.563	0	%100
119	MP1B	X	-1.479	-1.479	0	%100
120	MP1B	Z	2.563	2.563	0	%100
121	MP4C	X	-1.324	-1.324	0	%100
122	MP4C	Z	2.294	2.294	0	%100
123	MP4B	X	-1.324	-1.324	0	%100
124	MP4B	Z	2.294	2.294	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.718	-.718	0	%100
2	M1	Z	.415	.415	0	%100
3	M4	X	-2.173	-2.173	0	%100
4	M4	Z	1.255	1.255	0	%100
5	M10	X	-.591	-.591	0	%100
6	M10	Z	.341	.341	0	%100
7	MP3A	X	-2.563	-2.563	0	%100
8	MP3A	Z	1.479	1.479	0	%100
9	MP4A	X	-2.563	-2.563	0	%100
10	MP4A	Z	1.479	1.479	0	%100
11	MP2A	X	-2.563	-2.563	0	%100
12	MP2A	Z	1.479	1.479	0	%100
13	MP1A	X	-2.563	-2.563	0	%100
14	MP1A	Z	1.479	1.479	0	%100
15	M43	X	-.591	-.591	0	%100
16	M43	Z	.341	.341	0	%100
17	M46	X	-.924	-.924	0	%100
18	M46	Z	.534	.534	0	%100
19	M51B	X	-2.739	-2.739	0	%100
20	M51B	Z	1.582	1.582	0	%100
21	M52B	X	-.685	-.685	0	%100
22	M52B	Z	.395	.395	0	%100
23	M76	X	-2.727	-2.727	0	%100
24	M76	Z	1.575	1.575	0	%100
25	M77	X	-3.692	-3.692	0	%100
26	M77	Z	2.131	2.131	0	%100
27	M80	X	-3.853	-3.853	0	%100
28	M80	Z	2.224	2.224	0	%100
29	M84	X	-2.727	-2.727	0	%100
30	M84	Z	1.575	1.575	0	%100
31	M85	X	-.923	-.923	0	%100
32	M85	Z	.533	.533	0	%100
33	M91	X	-.963	-.963	0	%100
34	M91	Z	.556	.556	0	%100
35	M100	X	-.579	-.579	0	%100
36	M100	Z	.334	.334	0	%100
37	M123	X	-.528	-.528	0	%100
38	M123	Z	.305	.305	0	%100
39	M128	X	-2.602	-2.602	0	%100
40	M128	Z	1.502	1.502	0	%100
41	M43A	X	-2.872	-2.872	0	%100
42	M43A	Z	1.658	1.658	0	%100
43	M44	X	-.718	-.718	0	%100
44	M44	Z	.415	.415	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-2.363	-2.363	0	%100
48	M46A	Z	1.364	1.364	0	%100
49	M47	X	-2.363	-2.363	0	%100
50	M47	Z	1.364	1.364	0	%100
51	M48	X	-3.697	-3.697	0	%100
52	M48	Z	2.135	2.135	0	%100
53	M49	X	-.685	-.685	0	%100
54	M49	Z	.395	.395	0	%100
55	M50A	X	-.685	-.685	0	%100
56	M50A	Z	.395	.395	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.923	-.923	0	%100

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

	Member Label	Direction	Start Magnitude(lb/ft....	End Magnitude(lb/ft....	Start Location(ft, %)	End Location(ft, %)
60	M55	Z	.533	.533	0	%100
61	M57	X	-.963	-.963	0	%100
62	M57	Z	.556	.556	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	-.923	-.923	0	%100
66	M60	Z	.533	.533	0	%100
67	M62	X	-.963	-.963	0	%100
68	M62	Z	.556	.556	0	%100
69	M67	X	-1.333	-1.333	0	%100
70	M67	Z	.77	.77	0	%100
71	M70	X	-2.173	-2.173	0	%100
72	M70	Z	1.255	1.255	0	%100
73	M71	X	-.591	-.591	0	%100
74	M71	Z	.341	.341	0	%100
75	M72	X	-.591	-.591	0	%100
76	M72	Z	.341	.341	0	%100
77	M73	X	-.924	-.924	0	%100
78	M73	Z	.534	.534	0	%100
79	M74	X	-.685	-.685	0	%100
80	M74	Z	.395	.395	0	%100
81	M75	X	-2.739	-2.739	0	%100
82	M75	Z	1.582	1.582	0	%100
83	M79A	X	-2.727	-2.727	0	%100
84	M79A	Z	1.575	1.575	0	%100
85	M80A	X	-.923	-.923	0	%100
86	M80A	Z	.533	.533	0	%100
87	M82	X	-.963	-.963	0	%100
88	M82	Z	.556	.556	0	%100
89	M84A	X	-2.727	-2.727	0	%100
90	M84A	Z	1.575	1.575	0	%100
91	M85A	X	-3.692	-3.692	0	%100
92	M85A	Z	2.131	2.131	0	%100
93	M87	X	-3.853	-3.853	0	%100
94	M87	Z	2.224	2.224	0	%100
95	M92A	X	-2.602	-2.602	0	%100
96	M92A	Z	1.502	1.502	0	%100
97	M95	X	-2.315	-2.315	0	%100
98	M95	Z	1.336	1.336	0	%100
99	M96	X	-.579	-.579	0	%100
100	M96	Z	.334	.334	0	%100
101	M99	X	-2.113	-2.113	0	%100
102	M99	Z	1.22	1.22	0	%100
103	M102A	X	-.528	-.528	0	%100
104	M102A	Z	.305	.305	0	%100
105	MP3C	X	-2.563	-2.563	0	%100
106	MP3C	Z	1.479	1.479	0	%100
107	MP5C	X	-2.563	-2.563	0	%100
108	MP5C	Z	1.479	1.479	0	%100
109	MP2C	X	-2.563	-2.563	0	%100
110	MP2C	Z	1.479	1.479	0	%100
111	MP1C	X	-2.563	-2.563	0	%100
112	MP1C	Z	1.479	1.479	0	%100
113	MP3B	X	-2.563	-2.563	0	%100
114	MP3B	Z	1.479	1.479	0	%100
115	MP5B	X	-2.563	-2.563	0	%100
116	MP5B	Z	1.479	1.479	0	%100
117	MP2B	X	-2.563	-2.563	0	%100
118	MP2B	Z	1.479	1.479	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft. %]	End Location[ft. %]
119	MP1B	X	-2.563	-2.563	0	%100
120	MP1B	Z	1.479	1.479	0	%100
121	MP4C	X	-2.294	-2.294	0	%100
122	MP4C	Z	1.324	1.324	0	%100
123	MP4B	X	-2.294	-2.294	0	%100
124	MP4B	Z	1.324	1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.346	-3.346	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-2.959	-2.959	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-2.959	-2.959	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-2.959	-2.959	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-2.959	-2.959	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-2.372	-2.372	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.372	-2.372	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-4.199	-4.199	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-3.197	-3.197	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.337	-3.337	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-4.199	-4.199	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-3.197	-3.197	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.337	-3.337	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	-3.493	-3.493	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	-2.487	-2.487	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-2.487	-2.487	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-.836	-.836	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-2.046	-2.046	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	-2.046	-2.046	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
50	M47	Z	0	0	0	%100
51	M48	X	-3.202	-3.202	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-2.372	-2.372	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	-1.05	-1.05	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-3.197	-3.197	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-3.337	-3.337	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-1.05	-1.05	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	-2.028	-2.028	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	-.836	-.836	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-2.046	-2.046	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-2.046	-2.046	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	-3.202	-3.202	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	-2.372	-2.372	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-1.05	-1.05	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	-1.05	-1.05	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-3.197	-3.197	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	-3.337	-3.337	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-2.028	-2.028	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	-2.005	-2.005	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-2.005	-2.005	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-1.83	-1.83	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-1.83	-1.83	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-2.959	-2.959	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	-2.959	-2.959	0	%100
108	MP5C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
109	MP2C	X	-2.959	-2.959	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-2.959	-2.959	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	-2.959	-2.959	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	-2.959	-2.959	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	-2.959	-2.959	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-2.959	-2.959	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	-2.648	-2.648	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	-2.648	-2.648	0	%100
124	MP4B	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....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.718	-.718	0	%100
2	M1	Z	-.415	-.415	0	%100
3	M4	X	-2.173	-2.173	0	%100
4	M4	Z	-1.255	-1.255	0	%100
5	M10	X	-.591	-.591	0	%100
6	M10	Z	-.341	-.341	0	%100
7	MP3A	X	-2.563	-2.563	0	%100
8	MP3A	Z	-1.479	-1.479	0	%100
9	MP4A	X	-2.563	-2.563	0	%100
10	MP4A	Z	-1.479	-1.479	0	%100
11	MP2A	X	-2.563	-2.563	0	%100
12	MP2A	Z	-1.479	-1.479	0	%100
13	MP1A	X	-2.563	-2.563	0	%100
14	MP1A	Z	-1.479	-1.479	0	%100
15	M43	X	-.591	-.591	0	%100
16	M43	Z	-.341	-.341	0	%100
17	M46	X	-.924	-.924	0	%100
18	M46	Z	-.534	-.534	0	%100
19	M51B	X	-.685	-.685	0	%100
20	M51B	Z	-.395	-.395	0	%100
21	M52B	X	-2.739	-2.739	0	%100
22	M52B	Z	-1.582	-1.582	0	%100
23	M76	X	-2.727	-2.727	0	%100
24	M76	Z	-1.575	-1.575	0	%100
25	M77	X	-.923	-.923	0	%100
26	M77	Z	-.533	-.533	0	%100
27	M80	X	-.963	-.963	0	%100
28	M80	Z	-.556	-.556	0	%100
29	M84	X	-2.727	-2.727	0	%100
30	M84	Z	-1.575	-1.575	0	%100
31	M85	X	-3.692	-3.692	0	%100
32	M85	Z	-2.131	-2.131	0	%100
33	M91	X	-3.853	-3.853	0	%100
34	M91	Z	-2.224	-2.224	0	%100
35	M100	X	-.579	-.579	0	%100
36	M100	Z	-.334	-.334	0	%100
37	M123	X	-.528	-.528	0	%100
38	M123	Z	-.305	-.305	0	%100
39	M128	X	-2.602	-2.602	0	%100

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

	Member Label	Direction	Start Magnitude lb/ft....	End Magnitude lb/ft....	Start Locationft.%	End Locationft.%
40	M128	Z	-1.502	-1.502	0	%100
41	M43A	X	-.718	-.718	0	%100
42	M43A	Z	-.415	-.415	0	%100
43	M44	X	-2.872	-2.872	0	%100
44	M44	Z	-1.658	-1.658	0	%100
45	M45B	X	-2.173	-2.173	0	%100
46	M45B	Z	-1.255	-1.255	0	%100
47	M46A	X	-.591	-.591	0	%100
48	M46A	Z	-.341	-.341	0	%100
49	M47	X	-.591	-.591	0	%100
50	M47	Z	-.341	-.341	0	%100
51	M48	X	-.924	-.924	0	%100
52	M48	Z	-.534	-.534	0	%100
53	M49	X	-2.739	-2.739	0	%100
54	M49	Z	-1.582	-1.582	0	%100
55	M50A	X	-.685	-.685	0	%100
56	M50A	Z	-.395	-.395	0	%100
57	M54	X	-2.727	-2.727	0	%100
58	M54	Z	-1.575	-1.575	0	%100
59	M55	X	-3.692	-3.692	0	%100
60	M55	Z	-2.131	-2.131	0	%100
61	M57	X	-3.853	-3.853	0	%100
62	M57	Z	-2.224	-2.224	0	%100
63	M59A	X	-2.727	-2.727	0	%100
64	M59A	Z	-1.575	-1.575	0	%100
65	M60	X	-.923	-.923	0	%100
66	M60	Z	-.533	-.533	0	%100
67	M62	X	-.963	-.963	0	%100
68	M62	Z	-.556	-.556	0	%100
69	M67	X	-2.602	-2.602	0	%100
70	M67	Z	-1.502	-1.502	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-2.363	-2.363	0	%100
74	M71	Z	-1.364	-1.364	0	%100
75	M72	X	-2.363	-2.363	0	%100
76	M72	Z	-1.364	-1.364	0	%100
77	M73	X	-3.697	-3.697	0	%100
78	M73	Z	-2.135	-2.135	0	%100
79	M74	X	-.685	-.685	0	%100
80	M74	Z	-.395	-.395	0	%100
81	M75	X	-.685	-.685	0	%100
82	M75	Z	-.395	-.395	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	-.923	-.923	0	%100
86	M80A	Z	-.533	-.533	0	%100
87	M82	X	-.963	-.963	0	%100
88	M82	Z	-.556	-.556	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-.923	-.923	0	%100
92	M85A	Z	-.533	-.533	0	%100
93	M87	X	-.963	-.963	0	%100
94	M87	Z	-.556	-.556	0	%100
95	M92A	X	-1.333	-1.333	0	%100
96	M92A	Z	-.77	-.77	0	%100
97	M95	X	-.579	-.579	0	%100
98	M95	Z	-.334	-.334	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
99	M96	X	-2.315	-2.315	0	%100
100	M96	Z	-1.336	-1.336	0	%100
101	M99	X	-.528	-.528	0	%100
102	M99	Z	-.305	-.305	0	%100
103	M102A	X	-2.113	-2.113	0	%100
104	M102A	Z	-1.22	-1.22	0	%100
105	MP3C	X	-2.563	-2.563	0	%100
106	MP3C	Z	-1.479	-1.479	0	%100
107	MP5C	X	-2.563	-2.563	0	%100
108	MP5C	Z	-1.479	-1.479	0	%100
109	MP2C	X	-2.563	-2.563	0	%100
110	MP2C	Z	-1.479	-1.479	0	%100
111	MP1C	X	-2.563	-2.563	0	%100
112	MP1C	Z	-1.479	-1.479	0	%100
113	MP3B	X	-2.563	-2.563	0	%100
114	MP3B	Z	-1.479	-1.479	0	%100
115	MP5B	X	-2.563	-2.563	0	%100
116	MP5B	Z	-1.479	-1.479	0	%100
117	MP2B	X	-2.563	-2.563	0	%100
118	MP2B	Z	-1.479	-1.479	0	%100
119	MP1B	X	-2.563	-2.563	0	%100
120	MP1B	Z	-1.479	-1.479	0	%100
121	MP4C	X	-2.294	-2.294	0	%100
122	MP4C	Z	-1.324	-1.324	0	%100
123	MP4B	X	-2.294	-2.294	0	%100
124	MP4B	Z	-1.324	-1.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-1.244	-1.244	0	%100
2	M1	Z	-2.154	-2.154	0	%100
3	M4	X	-.418	-.418	0	%100
4	M4	Z	-.724	-.724	0	%100
5	M10	X	-1.023	-1.023	0	%100
6	M10	Z	-1.772	-1.772	0	%100
7	MP3A	X	-1.479	-1.479	0	%100
8	MP3A	Z	-2.563	-2.563	0	%100
9	MP4A	X	-1.479	-1.479	0	%100
10	MP4A	Z	-2.563	-2.563	0	%100
11	MP2A	X	-1.479	-1.479	0	%100
12	MP2A	Z	-2.563	-2.563	0	%100
13	MP1A	X	-1.479	-1.479	0	%100
14	MP1A	Z	-2.563	-2.563	0	%100
15	M43	X	-1.023	-1.023	0	%100
16	M43	Z	-1.772	-1.772	0	%100
17	M46	X	-1.601	-1.601	0	%100
18	M46	Z	-2.773	-2.773	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.186	-1.186	0	%100
22	M52B	Z	-2.055	-2.055	0	%100
23	M76	X	-.525	-.525	0	%100
24	M76	Z	-.909	-.909	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.525	-.525	0	%100



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

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
89	M84A	X	- .525	- .525	0	%100
90	M84A	Z	- .909	- .909	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-1.014	-1.014	0	%100
96	M92A	Z	-1.756	-1.756	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-1.002	-1.002	0	%100
100	M96	Z	-1.736	-1.736	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	- .915	- .915	0	%100
104	M102A	Z	-1.585	-1.585	0	%100
105	MP3C	X	-1.479	-1.479	0	%100
106	MP3C	Z	-2.563	-2.563	0	%100
107	MP5C	X	-1.479	-1.479	0	%100
108	MP5C	Z	-2.563	-2.563	0	%100
109	MP2C	X	-1.479	-1.479	0	%100
110	MP2C	Z	-2.563	-2.563	0	%100
111	MP1C	X	-1.479	-1.479	0	%100
112	MP1C	Z	-2.563	-2.563	0	%100
113	MP3B	X	-1.479	-1.479	0	%100
114	MP3B	Z	-2.563	-2.563	0	%100
115	MP5B	X	-1.479	-1.479	0	%100
116	MP5B	Z	-2.563	-2.563	0	%100
117	MP2B	X	-1.479	-1.479	0	%100
118	MP2B	Z	-2.563	-2.563	0	%100
119	MP1B	X	-1.479	-1.479	0	%100
120	MP1B	Z	-2.563	-2.563	0	%100
121	MP4C	X	-1.324	-1.324	0	%100
122	MP4C	Z	-2.294	-2.294	0	%100
123	MP4B	X	-1.324	-1.324	0	%100
124	MP4B	Z	-2.294	-2.294	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	- .721	- .721	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	- .62	- .62	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	- .592	- .592	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	- .592	- .592	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	- .592	- .592	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	- .592	- .592	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	- .62	- .62	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.236	-1.236	0	%100
19	M51B	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....]	Start Location[ft,%]	End Location[ft,%]
20	M51B	Z	-.172	-.172	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.172	-.172	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.315	-.315	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.331	-.331	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.315	-.315	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.331	-.331	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	-.489	-.489	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	-.572	-.572	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	-.417	-.417	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	-.18	-.18	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	-.18	-.18	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	-.548	-.548	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	-.155	-.155	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	-.155	-.155	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.309	-.309	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	-.172	-.172	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	-.686	-.686	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-.927	-.927	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-.315	-.315	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-.331	-.331	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	-.927	-.927	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-1.259	-1.259	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-1.326	-1.326	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	-.706	-.706	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	-.548	-.548	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-.155	-.155	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-.155	-.155	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	-.309	-.309	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
79	M74	X	0	0	0	%100
80	M74	Z	-.686	-.686	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	-.172	-.172	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-.927	-.927	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	-1.259	-1.259	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	-1.326	-1.326	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	-.927	-.927	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	-.315	-.315	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	-.331	-.331	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	-.706	-.706	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-.122	-.122	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-.122	-.122	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-.143	-.143	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	-.143	-.143	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-.592	-.592	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	-.592	-.592	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-.592	-.592	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-.592	-.592	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-.592	-.592	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	-.592	-.592	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	-.592	-.592	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	-.592	-.592	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	-.509	-.509	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-.509	-.509	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.27	.27	0	%100
2	M1	Z	-.468	-.468	0	%100
3	M4	X	.091	.091	0	%100
4	M4	Z	-.158	-.158	0	%100
5	M10	X	.232	.232	0	%100
6	M10	Z	-.402	-.402	0	%100
7	MP3A	X	.296	.296	0	%100
8	MP3A	Z	-.513	-.513	0	%100
9	MP4A	X	.296	.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
10	MP4A	Z	-.513	-.513	0	%100
11	MP2A	X	.296	.296	0	%100
12	MP2A	Z	-.513	-.513	0	%100
13	MP1A	X	.296	.296	0	%100
14	MP1A	Z	-.513	-.513	0	%100
15	M43	X	.232	.232	0	%100
16	M43	Z	-.402	-.402	0	%100
17	M46	X	.463	.463	0	%100
18	M46	Z	-.803	-.803	0	%100
19	M51B	X	.257	.257	0	%100
20	M51B	Z	-.446	-.446	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.154	.154	0	%100
24	M76	Z	-.268	-.268	0	%100
25	M77	X	.472	.472	0	%100
26	M77	Z	-.817	-.817	0	%100
27	M80	X	.497	.497	0	%100
28	M80	Z	-.861	-.861	0	%100
29	M84	X	.154	.154	0	%100
30	M84	Z	-.268	-.268	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	.183	.183	0	%100
36	M100	Z	-.318	-.318	0	%100
37	M123	X	.214	.214	0	%100
38	M123	Z	-.371	-.371	0	%100
39	M128	X	.257	.257	0	%100
40	M128	Z	-.444	-.444	0	%100
41	M43A	X	.27	.27	0	%100
42	M43A	Z	-.468	-.468	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.091	.091	0	%100
46	M45B	Z	-.158	-.158	0	%100
47	M46A	X	.232	.232	0	%100
48	M46A	Z	-.402	-.402	0	%100
49	M47	X	.232	.232	0	%100
50	M47	Z	-.402	-.402	0	%100
51	M48	X	.463	.463	0	%100
52	M48	Z	-.803	-.803	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	.257	.257	0	%100
56	M50A	Z	-.446	-.446	0	%100
57	M54	X	.154	.154	0	%100
58	M54	Z	-.268	-.268	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	.154	.154	0	%100
64	M59A	Z	-.268	-.268	0	%100
65	M60	X	.472	.472	0	%100
66	M60	Z	-.817	-.817	0	%100
67	M62	X	.497	.497	0	%100
68	M62	Z	-.861	-.861	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
69	M67	X	.257	.257	0	%100
70	M67	Z	-.444	-.444	0	%100
71	M70	X	.366	.366	0	%100
72	M70	Z	-.633	-.633	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	.257	.257	0	%100
80	M74	Z	-.446	-.446	0	%100
81	M75	X	.257	.257	0	%100
82	M75	Z	-.446	-.446	0	%100
83	M79A	X	.618	.618	0	%100
84	M79A	Z	-1.07	-1.07	0	%100
85	M80A	X	.472	.472	0	%100
86	M80A	Z	-.817	-.817	0	%100
87	M82	X	.497	.497	0	%100
88	M82	Z	-.861	-.861	0	%100
89	M84A	X	.618	.618	0	%100
90	M84A	Z	-1.07	-1.07	0	%100
91	M85A	X	.472	.472	0	%100
92	M85A	Z	-.817	-.817	0	%100
93	M87	X	.497	.497	0	%100
94	M87	Z	-.861	-.861	0	%100
95	M92A	X	.401	.401	0	%100
96	M92A	Z	-.695	-.695	0	%100
97	M95	X	.183	.183	0	%100
98	M95	Z	-.318	-.318	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	.214	.214	0	%100
102	M99	Z	-.371	-.371	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	.296	.296	0	%100
106	MP3C	Z	-.513	-.513	0	%100
107	MP5C	X	.296	.296	0	%100
108	MP5C	Z	-.513	-.513	0	%100
109	MP2C	X	.296	.296	0	%100
110	MP2C	Z	-.513	-.513	0	%100
111	MP1C	X	.296	.296	0	%100
112	MP1C	Z	-.513	-.513	0	%100
113	MP3B	X	.296	.296	0	%100
114	MP3B	Z	-.513	-.513	0	%100
115	MP5B	X	.296	.296	0	%100
116	MP5B	Z	-.513	-.513	0	%100
117	MP2B	X	.296	.296	0	%100
118	MP2B	Z	-.513	-.513	0	%100
119	MP1B	X	.296	.296	0	%100
120	MP1B	Z	-.513	-.513	0	%100
121	MP4C	X	.254	.254	0	%100
122	MP4C	Z	-.441	-.441	0	%100
123	MP4B	X	.254	.254	0	%100
124	MP4B	Z	-.441	-.441	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.156	.156	0	%100
2	M1	Z	-.09	-.09	0	%100
3	M4	X	.475	.475	0	%100
4	M4	Z	-.274	-.274	0	%100
5	M10	X	.134	.134	0	%100
6	M10	Z	-.077	-.077	0	%100
7	MP3A	X	.513	.513	0	%100
8	MP3A	Z	-.296	-.296	0	%100
9	MP4A	X	.513	.513	0	%100
10	MP4A	Z	-.296	-.296	0	%100
11	MP2A	X	.513	.513	0	%100
12	MP2A	Z	-.296	-.296	0	%100
13	MP1A	X	.513	.513	0	%100
14	MP1A	Z	-.296	-.296	0	%100
15	M43	X	.134	.134	0	%100
16	M43	Z	-.077	-.077	0	%100
17	M46	X	.268	.268	0	%100
18	M46	Z	-.154	-.154	0	%100
19	M51B	X	.595	.595	0	%100
20	M51B	Z	-.343	-.343	0	%100
21	M52B	X	.149	.149	0	%100
22	M52B	Z	-.086	-.086	0	%100
23	M76	X	.803	.803	0	%100
24	M76	Z	-.463	-.463	0	%100
25	M77	X	1.09	1.09	0	%100
26	M77	Z	-.629	-.629	0	%100
27	M80	X	1.148	1.148	0	%100
28	M80	Z	-.663	-.663	0	%100
29	M84	X	.803	.803	0	%100
30	M84	Z	-.463	-.463	0	%100
31	M85	X	.272	.272	0	%100
32	M85	Z	-.157	-.157	0	%100
33	M91	X	.287	.287	0	%100
34	M91	Z	-.166	-.166	0	%100
35	M100	X	.106	.106	0	%100
36	M100	Z	-.061	-.061	0	%100
37	M123	X	.124	.124	0	%100
38	M123	Z	-.071	-.071	0	%100
39	M128	X	.611	.611	0	%100
40	M128	Z	-.353	-.353	0	%100
41	M43A	X	.624	.624	0	%100
42	M43A	Z	-.36	-.36	0	%100
43	M44	X	.156	.156	0	%100
44	M44	Z	-.09	-.09	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	.537	.537	0	%100
48	M46A	Z	-.31	-.31	0	%100
49	M47	X	.537	.537	0	%100
50	M47	Z	-.31	-.31	0	%100
51	M48	X	1.07	1.07	0	%100
52	M48	Z	-.618	-.618	0	%100
53	M49	X	.149	.149	0	%100
54	M49	Z	-.086	-.086	0	%100
55	M50A	X	.149	.149	0	%100
56	M50A	Z	-.086	-.086	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.272	.272	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M55	Z	-.157	-.157	0	%100
61	M57	X	.287	.287	0	%100
62	M57	Z	-.166	-.166	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	.272	.272	0	%100
66	M60	Z	-.157	-.157	0	%100
67	M62	X	.287	.287	0	%100
68	M62	Z	-.166	-.166	0	%100
69	M67	X	.361	.361	0	%100
70	M67	Z	-.208	-.208	0	%100
71	M70	X	.475	.475	0	%100
72	M70	Z	-.274	-.274	0	%100
73	M71	X	.134	.134	0	%100
74	M71	Z	-.077	-.077	0	%100
75	M72	X	.134	.134	0	%100
76	M72	Z	-.077	-.077	0	%100
77	M73	X	.268	.268	0	%100
78	M73	Z	-.154	-.154	0	%100
79	M74	X	.149	.149	0	%100
80	M74	Z	-.086	-.086	0	%100
81	M75	X	.595	.595	0	%100
82	M75	Z	-.343	-.343	0	%100
83	M79A	X	.803	.803	0	%100
84	M79A	Z	-.463	-.463	0	%100
85	M80A	X	.272	.272	0	%100
86	M80A	Z	-.157	-.157	0	%100
87	M82	X	.287	.287	0	%100
88	M82	Z	-.166	-.166	0	%100
89	M84A	X	.803	.803	0	%100
90	M84A	Z	-.463	-.463	0	%100
91	M85A	X	1.09	1.09	0	%100
92	M85A	Z	-.629	-.629	0	%100
93	M87	X	1.148	1.148	0	%100
94	M87	Z	-.663	-.663	0	%100
95	M92A	X	.611	.611	0	%100
96	M92A	Z	-.353	-.353	0	%100
97	M95	X	.424	.424	0	%100
98	M95	Z	-.245	-.245	0	%100
99	M96	X	.106	.106	0	%100
100	M96	Z	-.061	-.061	0	%100
101	M99	X	.495	.495	0	%100
102	M99	Z	-.286	-.286	0	%100
103	M102A	X	.124	.124	0	%100
104	M102A	Z	-.071	-.071	0	%100
105	MP3C	X	.513	.513	0	%100
106	MP3C	Z	-.296	-.296	0	%100
107	MP5C	X	.513	.513	0	%100
108	MP5C	Z	-.296	-.296	0	%100
109	MP2C	X	.513	.513	0	%100
110	MP2C	Z	-.296	-.296	0	%100
111	MP1C	X	.513	.513	0	%100
112	MP1C	Z	-.296	-.296	0	%100
113	MP3B	X	.513	.513	0	%100
114	MP3B	Z	-.296	-.296	0	%100
115	MP5B	X	.513	.513	0	%100
116	MP5B	Z	-.296	-.296	0	%100
117	MP2B	X	.513	.513	0	%100
118	MP2B	Z	-.296	-.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
119	MP1B	X	.513	.513	0	%100
120	MP1B	Z	-.296	-.296	0	%100
121	MP4C	X	.441	.441	0	%100
122	MP4C	Z	-.254	-.254	0	%100
123	MP4B	X	.441	.441	0	%100
124	MP4B	Z	-.254	-.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.731	.731	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.592	.592	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.592	.592	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.592	.592	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.592	.592	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.515	.515	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.515	.515	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.236	1.236	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	.944	.944	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	.994	.994	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.236	1.236	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	.944	.944	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	.994	.994	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	.802	.802	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	.541	.541	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	.541	.541	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	.183	.183	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	.465	.465	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	.465	.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
50	M47	Z	0	0	0	%100
51	M48	X	.927	.927	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	.515	.515	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	.309	.309	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.944	.944	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	.994	.994	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	.309	.309	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	.513	.513	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	.183	.183	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	.465	.465	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	.465	.465	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	.927	.927	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	.515	.515	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	.309	.309	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	.309	.309	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	.944	.944	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	.994	.994	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	.513	.513	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	.367	.367	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	.367	.367	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	.429	.429	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	.429	.429	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	.592	.592	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	.592	.592	0	%100
108	MP5C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
109	MP2C	X	.592	.592	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	.592	.592	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	.592	.592	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	.592	.592	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	.592	.592	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	.592	.592	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	.509	.509	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	.509	.509	0	%100
124	MP4B	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....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.156	.156	0	%100
2	M1	Z	.09	.09	0	%100
3	M4	X	.475	.475	0	%100
4	M4	Z	.274	.274	0	%100
5	M10	X	.134	.134	0	%100
6	M10	Z	.077	.077	0	%100
7	MP3A	X	.513	.513	0	%100
8	MP3A	Z	.296	.296	0	%100
9	MP4A	X	.513	.513	0	%100
10	MP4A	Z	.296	.296	0	%100
11	MP2A	X	.513	.513	0	%100
12	MP2A	Z	.296	.296	0	%100
13	MP1A	X	.513	.513	0	%100
14	MP1A	Z	.296	.296	0	%100
15	M43	X	.134	.134	0	%100
16	M43	Z	.077	.077	0	%100
17	M46	X	.268	.268	0	%100
18	M46	Z	.154	.154	0	%100
19	M51B	X	.149	.149	0	%100
20	M51B	Z	.086	.086	0	%100
21	M52B	X	.595	.595	0	%100
22	M52B	Z	.343	.343	0	%100
23	M76	X	.803	.803	0	%100
24	M76	Z	.463	.463	0	%100
25	M77	X	.272	.272	0	%100
26	M77	Z	.157	.157	0	%100
27	M80	X	.287	.287	0	%100
28	M80	Z	.166	.166	0	%100
29	M84	X	.803	.803	0	%100
30	M84	Z	.463	.463	0	%100
31	M85	X	1.09	1.09	0	%100
32	M85	Z	.629	.629	0	%100
33	M91	X	1.148	1.148	0	%100
34	M91	Z	.663	.663	0	%100
35	M100	X	.106	.106	0	%100
36	M100	Z	.061	.061	0	%100
37	M123	X	.124	.124	0	%100
38	M123	Z	.071	.071	0	%100
39	M128	X	.611	.611	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
40	M128	Z	.353	.353	0	%100
41	M43A	X	.156	.156	0	%100
42	M43A	Z	.09	.09	0	%100
43	M44	X	.624	.624	0	%100
44	M44	Z	.36	.36	0	%100
45	M45B	X	.475	.475	0	%100
46	M45B	Z	.274	.274	0	%100
47	M46A	X	.134	.134	0	%100
48	M46A	Z	.077	.077	0	%100
49	M47	X	.134	.134	0	%100
50	M47	Z	.077	.077	0	%100
51	M48	X	.268	.268	0	%100
52	M48	Z	.154	.154	0	%100
53	M49	X	.595	.595	0	%100
54	M49	Z	.343	.343	0	%100
55	M50A	X	.149	.149	0	%100
56	M50A	Z	.086	.086	0	%100
57	M54	X	.803	.803	0	%100
58	M54	Z	.463	.463	0	%100
59	M55	X	1.09	1.09	0	%100
60	M55	Z	.629	.629	0	%100
61	M57	X	1.148	1.148	0	%100
62	M57	Z	.663	.663	0	%100
63	M59A	X	.803	.803	0	%100
64	M59A	Z	.463	.463	0	%100
65	M60	X	.272	.272	0	%100
66	M60	Z	.157	.157	0	%100
67	M62	X	.287	.287	0	%100
68	M62	Z	.166	.166	0	%100
69	M67	X	.611	.611	0	%100
70	M67	Z	.353	.353	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	.537	.537	0	%100
74	M71	Z	.31	.31	0	%100
75	M72	X	.537	.537	0	%100
76	M72	Z	.31	.31	0	%100
77	M73	X	1.07	1.07	0	%100
78	M73	Z	.618	.618	0	%100
79	M74	X	.149	.149	0	%100
80	M74	Z	.086	.086	0	%100
81	M75	X	.149	.149	0	%100
82	M75	Z	.086	.086	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	.272	.272	0	%100
86	M80A	Z	.157	.157	0	%100
87	M82	X	.287	.287	0	%100
88	M82	Z	.166	.166	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	.272	.272	0	%100
92	M85A	Z	.157	.157	0	%100
93	M87	X	.287	.287	0	%100
94	M87	Z	.166	.166	0	%100
95	M92A	X	.361	.361	0	%100
96	M92A	Z	.208	.208	0	%100
97	M95	X	.106	.106	0	%100
98	M95	Z	.061	.061	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
30	M84	Z	.268	.268	0	%100
31	M85	X	.472	.472	0	%100
32	M85	Z	.817	.817	0	%100
33	M91	X	.497	.497	0	%100
34	M91	Z	.861	.861	0	%100
35	M100	X	.183	.183	0	%100
36	M100	Z	.318	.318	0	%100
37	M123	X	.214	.214	0	%100
38	M123	Z	.371	.371	0	%100
39	M128	X	.257	.257	0	%100
40	M128	Z	.444	.444	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	.27	.27	0	%100
44	M44	Z	.468	.468	0	%100
45	M45B	X	.366	.366	0	%100
46	M45B	Z	.633	.633	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	.257	.257	0	%100
54	M49	Z	.446	.446	0	%100
55	M50A	X	.257	.257	0	%100
56	M50A	Z	.446	.446	0	%100
57	M54	X	.618	.618	0	%100
58	M54	Z	1.07	1.07	0	%100
59	M55	X	.472	.472	0	%100
60	M55	Z	.817	.817	0	%100
61	M57	X	.497	.497	0	%100
62	M57	Z	.861	.861	0	%100
63	M59A	X	.618	.618	0	%100
64	M59A	Z	1.07	1.07	0	%100
65	M60	X	.472	.472	0	%100
66	M60	Z	.817	.817	0	%100
67	M62	X	.497	.497	0	%100
68	M62	Z	.861	.861	0	%100
69	M67	X	.401	.401	0	%100
70	M67	Z	.695	.695	0	%100
71	M70	X	.091	.091	0	%100
72	M70	Z	.158	.158	0	%100
73	M71	X	.232	.232	0	%100
74	M71	Z	.402	.402	0	%100
75	M72	X	.232	.232	0	%100
76	M72	Z	.402	.402	0	%100
77	M73	X	.463	.463	0	%100
78	M73	Z	.803	.803	0	%100
79	M74	X	.257	.257	0	%100
80	M74	Z	.446	.446	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	.154	.154	0	%100
84	M79A	Z	.268	.268	0	%100
85	M80A	X	.472	.472	0	%100
86	M80A	Z	.817	.817	0	%100
87	M82	X	.497	.497	0	%100
88	M82	Z	.861	.861	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
89	M84A	X	.154	.154	0	%100
90	M84A	Z	.268	.268	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	.257	.257	0	%100
96	M92A	Z	.444	.444	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	.183	.183	0	%100
100	M96	Z	.318	.318	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	.214	.214	0	%100
104	M102A	Z	.371	.371	0	%100
105	MP3C	X	.296	.296	0	%100
106	MP3C	Z	.513	.513	0	%100
107	MP5C	X	.296	.296	0	%100
108	MP5C	Z	.513	.513	0	%100
109	MP2C	X	.296	.296	0	%100
110	MP2C	Z	.513	.513	0	%100
111	MP1C	X	.296	.296	0	%100
112	MP1C	Z	.513	.513	0	%100
113	MP3B	X	.296	.296	0	%100
114	MP3B	Z	.513	.513	0	%100
115	MP5B	X	.296	.296	0	%100
116	MP5B	Z	.513	.513	0	%100
117	MP2B	X	.296	.296	0	%100
118	MP2B	Z	.513	.513	0	%100
119	MP1B	X	.296	.296	0	%100
120	MP1B	Z	.513	.513	0	%100
121	MP4C	X	.254	.254	0	%100
122	MP4C	Z	.441	.441	0	%100
123	MP4B	X	.254	.254	0	%100
124	MP4B	Z	.441	.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	.721	.721	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.62	.62	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.592	.592	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.592	.592	0	%100
11	MP2A	X	0	0	0	%100
12	MP2A	Z	.592	.592	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.592	.592	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.62	.62	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.236	1.236	0	%100
19	M51B	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....]	Start Location[ft.%]	End Location[ft.%]
20	M51B	Z	.172	.172	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.172	.172	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.315	.315	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.331	.331	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.315	.315	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.331	.331	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	.489	.489	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	.572	.572	0	%100
39	M128	X	0	0	0	%100
40	M128	Z	.417	.417	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	.18	.18	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	.18	.18	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	.548	.548	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	.155	.155	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	.155	.155	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	.309	.309	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	.172	.172	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	.686	.686	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	.927	.927	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.315	.315	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	.331	.331	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	.927	.927	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	1.259	1.259	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	1.326	1.326	0	%100
69	M67	X	0	0	0	%100
70	M67	Z	.706	.706	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	.548	.548	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	.155	.155	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	.155	.155	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	.309	.309	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
79	M74	X	0	0	0	%100
80	M74	Z	.686	.686	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	.172	.172	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	.927	.927	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	1.259	1.259	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	1.326	1.326	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	.927	.927	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	.315	.315	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	.331	.331	0	%100
95	M92A	X	0	0	0	%100
96	M92A	Z	.706	.706	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	.122	.122	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	.122	.122	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	.143	.143	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	.143	.143	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	.592	.592	0	%100
107	MP5C	X	0	0	0	%100
108	MP5C	Z	.592	.592	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	.592	.592	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	.592	.592	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	.592	.592	0	%100
115	MP5B	X	0	0	0	%100
116	MP5B	Z	.592	.592	0	%100
117	MP2B	X	0	0	0	%100
118	MP2B	Z	.592	.592	0	%100
119	MP1B	X	0	0	0	%100
120	MP1B	Z	.592	.592	0	%100
121	MP4C	X	0	0	0	%100
122	MP4C	Z	.509	.509	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	.509	.509	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.27	-.27	0	%100
2	M1	Z	.468	.468	0	%100
3	M4	X	-.091	-.091	0	%100
4	M4	Z	.158	.158	0	%100
5	M10	X	-.232	-.232	0	%100
6	M10	Z	.402	.402	0	%100
7	MP3A	X	-.296	-.296	0	%100
8	MP3A	Z	.513	.513	0	%100
9	MP4A	X	-.296	-.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
10	MP4A	Z	.513	.513	0	%100
11	MP2A	X	-.296	-.296	0	%100
12	MP2A	Z	.513	.513	0	%100
13	MP1A	X	-.296	-.296	0	%100
14	MP1A	Z	.513	.513	0	%100
15	M43	X	-.232	-.232	0	%100
16	M43	Z	.402	.402	0	%100
17	M46	X	-.463	-.463	0	%100
18	M46	Z	.803	.803	0	%100
19	M51B	X	-.257	-.257	0	%100
20	M51B	Z	.446	.446	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.154	-.154	0	%100
24	M76	Z	.268	.268	0	%100
25	M77	X	-.472	-.472	0	%100
26	M77	Z	.817	.817	0	%100
27	M80	X	-.497	-.497	0	%100
28	M80	Z	.861	.861	0	%100
29	M84	X	-.154	-.154	0	%100
30	M84	Z	.268	.268	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	-.183	-.183	0	%100
36	M100	Z	.318	.318	0	%100
37	M123	X	-.214	-.214	0	%100
38	M123	Z	.371	.371	0	%100
39	M128	X	-.257	-.257	0	%100
40	M128	Z	.444	.444	0	%100
41	M43A	X	-.27	-.27	0	%100
42	M43A	Z	.468	.468	0	%100
43	M44	X	0	0	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-.091	-.091	0	%100
46	M45B	Z	.158	.158	0	%100
47	M46A	X	-.232	-.232	0	%100
48	M46A	Z	.402	.402	0	%100
49	M47	X	-.232	-.232	0	%100
50	M47	Z	.402	.402	0	%100
51	M48	X	-.463	-.463	0	%100
52	M48	Z	.803	.803	0	%100
53	M49	X	0	0	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	-.257	-.257	0	%100
56	M50A	Z	.446	.446	0	%100
57	M54	X	-.154	-.154	0	%100
58	M54	Z	.268	.268	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-.154	-.154	0	%100
64	M59A	Z	.268	.268	0	%100
65	M60	X	-.472	-.472	0	%100
66	M60	Z	.817	.817	0	%100
67	M62	X	-.497	-.497	0	%100
68	M62	Z	.861	.861	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
69	M67	X	-.257	-.257	0	%100
70	M67	Z	.444	.444	0	%100
71	M70	X	-.366	-.366	0	%100
72	M70	Z	.633	.633	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	0	0	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	-.257	-.257	0	%100
80	M74	Z	.446	.446	0	%100
81	M75	X	-.257	-.257	0	%100
82	M75	Z	.446	.446	0	%100
83	M79A	X	-.618	-.618	0	%100
84	M79A	Z	1.07	1.07	0	%100
85	M80A	X	-.472	-.472	0	%100
86	M80A	Z	.817	.817	0	%100
87	M82	X	-.497	-.497	0	%100
88	M82	Z	.861	.861	0	%100
89	M84A	X	-.618	-.618	0	%100
90	M84A	Z	1.07	1.07	0	%100
91	M85A	X	-.472	-.472	0	%100
92	M85A	Z	.817	.817	0	%100
93	M87	X	-.497	-.497	0	%100
94	M87	Z	.861	.861	0	%100
95	M92A	X	-.401	-.401	0	%100
96	M92A	Z	.695	.695	0	%100
97	M95	X	-.183	-.183	0	%100
98	M95	Z	.318	.318	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-.214	-.214	0	%100
102	M99	Z	.371	.371	0	%100
103	M102A	X	0	0	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-.296	-.296	0	%100
106	MP3C	Z	.513	.513	0	%100
107	MP5C	X	-.296	-.296	0	%100
108	MP5C	Z	.513	.513	0	%100
109	MP2C	X	-.296	-.296	0	%100
110	MP2C	Z	.513	.513	0	%100
111	MP1C	X	-.296	-.296	0	%100
112	MP1C	Z	.513	.513	0	%100
113	MP3B	X	-.296	-.296	0	%100
114	MP3B	Z	.513	.513	0	%100
115	MP5B	X	-.296	-.296	0	%100
116	MP5B	Z	.513	.513	0	%100
117	MP2B	X	-.296	-.296	0	%100
118	MP2B	Z	.513	.513	0	%100
119	MP1B	X	-.296	-.296	0	%100
120	MP1B	Z	.513	.513	0	%100
121	MP4C	X	-.254	-.254	0	%100
122	MP4C	Z	.441	.441	0	%100
123	MP4B	X	-.254	-.254	0	%100
124	MP4B	Z	.441	.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
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Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.156	-.156	0	%100
2	M1	Z	.09	.09	0	%100
3	M4	X	-.475	-.475	0	%100
4	M4	Z	.274	.274	0	%100
5	M10	X	-.134	-.134	0	%100
6	M10	Z	.077	.077	0	%100
7	MP3A	X	-.513	-.513	0	%100
8	MP3A	Z	.296	.296	0	%100
9	MP4A	X	-.513	-.513	0	%100
10	MP4A	Z	.296	.296	0	%100
11	MP2A	X	-.513	-.513	0	%100
12	MP2A	Z	.296	.296	0	%100
13	MP1A	X	-.513	-.513	0	%100
14	MP1A	Z	.296	.296	0	%100
15	M43	X	-.134	-.134	0	%100
16	M43	Z	.077	.077	0	%100
17	M46	X	-.268	-.268	0	%100
18	M46	Z	.154	.154	0	%100
19	M51B	X	-.595	-.595	0	%100
20	M51B	Z	.343	.343	0	%100
21	M52B	X	-.149	-.149	0	%100
22	M52B	Z	.086	.086	0	%100
23	M76	X	-.803	-.803	0	%100
24	M76	Z	.463	.463	0	%100
25	M77	X	-1.09	-1.09	0	%100
26	M77	Z	.629	.629	0	%100
27	M80	X	-1.148	-1.148	0	%100
28	M80	Z	.663	.663	0	%100
29	M84	X	-.803	-.803	0	%100
30	M84	Z	.463	.463	0	%100
31	M85	X	-.272	-.272	0	%100
32	M85	Z	.157	.157	0	%100
33	M91	X	-.287	-.287	0	%100
34	M91	Z	.166	.166	0	%100
35	M100	X	-.106	-.106	0	%100
36	M100	Z	.061	.061	0	%100
37	M123	X	-.124	-.124	0	%100
38	M123	Z	.071	.071	0	%100
39	M128	X	-.611	-.611	0	%100
40	M128	Z	.353	.353	0	%100
41	M43A	X	-.624	-.624	0	%100
42	M43A	Z	.36	.36	0	%100
43	M44	X	-.156	-.156	0	%100
44	M44	Z	.09	.09	0	%100
45	M45B	X	0	0	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-.537	-.537	0	%100
48	M46A	Z	.31	.31	0	%100
49	M47	X	-.537	-.537	0	%100
50	M47	Z	.31	.31	0	%100
51	M48	X	-1.07	-1.07	0	%100
52	M48	Z	.618	.618	0	%100
53	M49	X	-.149	-.149	0	%100
54	M49	Z	.086	.086	0	%100
55	M50A	X	-.149	-.149	0	%100
56	M50A	Z	.086	.086	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.272	-.272	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M55	Z	.157	.157	0	%100
61	M57	X	-.287	-.287	0	%100
62	M57	Z	.166	.166	0	%100
63	M59A	X	0	0	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	-.272	-.272	0	%100
66	M60	Z	.157	.157	0	%100
67	M62	X	-.287	-.287	0	%100
68	M62	Z	.166	.166	0	%100
69	M67	X	-.361	-.361	0	%100
70	M67	Z	.208	.208	0	%100
71	M70	X	-.475	-.475	0	%100
72	M70	Z	.274	.274	0	%100
73	M71	X	-.134	-.134	0	%100
74	M71	Z	.077	.077	0	%100
75	M72	X	-.134	-.134	0	%100
76	M72	Z	.077	.077	0	%100
77	M73	X	-.268	-.268	0	%100
78	M73	Z	.154	.154	0	%100
79	M74	X	-.149	-.149	0	%100
80	M74	Z	.086	.086	0	%100
81	M75	X	-.595	-.595	0	%100
82	M75	Z	.343	.343	0	%100
83	M79A	X	-.803	-.803	0	%100
84	M79A	Z	.463	.463	0	%100
85	M80A	X	-.272	-.272	0	%100
86	M80A	Z	.157	.157	0	%100
87	M82	X	-.287	-.287	0	%100
88	M82	Z	.166	.166	0	%100
89	M84A	X	-.803	-.803	0	%100
90	M84A	Z	.463	.463	0	%100
91	M85A	X	-1.09	-1.09	0	%100
92	M85A	Z	.629	.629	0	%100
93	M87	X	-1.148	-1.148	0	%100
94	M87	Z	.663	.663	0	%100
95	M92A	X	-.611	-.611	0	%100
96	M92A	Z	.353	.353	0	%100
97	M95	X	-.424	-.424	0	%100
98	M95	Z	.245	.245	0	%100
99	M96	X	-.106	-.106	0	%100
100	M96	Z	.061	.061	0	%100
101	M99	X	-.495	-.495	0	%100
102	M99	Z	.286	.286	0	%100
103	M102A	X	-.124	-.124	0	%100
104	M102A	Z	.071	.071	0	%100
105	MP3C	X	-.513	-.513	0	%100
106	MP3C	Z	.296	.296	0	%100
107	MP5C	X	-.513	-.513	0	%100
108	MP5C	Z	.296	.296	0	%100
109	MP2C	X	-.513	-.513	0	%100
110	MP2C	Z	.296	.296	0	%100
111	MP1C	X	-.513	-.513	0	%100
112	MP1C	Z	.296	.296	0	%100
113	MP3B	X	-.513	-.513	0	%100
114	MP3B	Z	.296	.296	0	%100
115	MP5B	X	-.513	-.513	0	%100
116	MP5B	Z	.296	.296	0	%100
117	MP2B	X	-.513	-.513	0	%100
118	MP2B	Z	.296	.296	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
119	MP1B	X	-.513	-.513	0	%100
120	MP1B	Z	.296	.296	0	%100
121	MP4C	X	-.441	-.441	0	%100
122	MP4C	Z	.254	.254	0	%100
123	MP4B	X	-.441	-.441	0	%100
124	MP4B	Z	.254	.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.731	-.731	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.592	-.592	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.592	-.592	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.592	-.592	0	%100
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.592	-.592	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.515	-.515	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.515	-.515	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.236	-1.236	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-.944	-.944	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-.994	-.994	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.236	-1.236	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-.944	-.944	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-.994	-.994	0	%100
34	M91	Z	0	0	0	%100
35	M100	X	0	0	0	%100
36	M100	Z	0	0	0	%100
37	M123	X	0	0	0	%100
38	M123	Z	0	0	0	%100
39	M128	X	-.802	-.802	0	%100
40	M128	Z	0	0	0	%100
41	M43A	X	-.541	-.541	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-.541	-.541	0	%100
44	M44	Z	0	0	0	%100
45	M45B	X	-.183	-.183	0	%100
46	M45B	Z	0	0	0	%100
47	M46A	X	-.465	-.465	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	-.465	-.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
50	M47	Z	0	0	0	%100
51	M48	X	-.927	-.927	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-.515	-.515	0	%100
54	M49	Z	0	0	0	%100
55	M50A	X	0	0	0	%100
56	M50A	Z	0	0	0	%100
57	M54	X	-.309	-.309	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.944	-.944	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-.994	-.994	0	%100
62	M57	Z	0	0	0	%100
63	M59A	X	-.309	-.309	0	%100
64	M59A	Z	0	0	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M67	X	-.513	-.513	0	%100
70	M67	Z	0	0	0	%100
71	M70	X	-.183	-.183	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-.465	-.465	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-.465	-.465	0	%100
76	M72	Z	0	0	0	%100
77	M73	X	-.927	-.927	0	%100
78	M73	Z	0	0	0	%100
79	M74	X	0	0	0	%100
80	M74	Z	0	0	0	%100
81	M75	X	-.515	-.515	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-.309	-.309	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	0	0	0	%100
86	M80A	Z	0	0	0	%100
87	M82	X	0	0	0	%100
88	M82	Z	0	0	0	%100
89	M84A	X	-.309	-.309	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-.944	-.944	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	-.994	-.994	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-.513	-.513	0	%100
96	M92A	Z	0	0	0	%100
97	M95	X	-.367	-.367	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-.367	-.367	0	%100
100	M96	Z	0	0	0	%100
101	M99	X	-.429	-.429	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-.429	-.429	0	%100
104	M102A	Z	0	0	0	%100
105	MP3C	X	-.592	-.592	0	%100
106	MP3C	Z	0	0	0	%100
107	MP5C	X	-.592	-.592	0	%100
108	MP5C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft. %]	End Location[ft. %]
109	MP2C	X	-.592	-.592	0	%100
110	MP2C	Z	0	0	0	%100
111	MP1C	X	-.592	-.592	0	%100
112	MP1C	Z	0	0	0	%100
113	MP3B	X	-.592	-.592	0	%100
114	MP3B	Z	0	0	0	%100
115	MP5B	X	-.592	-.592	0	%100
116	MP5B	Z	0	0	0	%100
117	MP2B	X	-.592	-.592	0	%100
118	MP2B	Z	0	0	0	%100
119	MP1B	X	-.592	-.592	0	%100
120	MP1B	Z	0	0	0	%100
121	MP4C	X	-.509	-.509	0	%100
122	MP4C	Z	0	0	0	%100
123	MP4B	X	-.509	-.509	0	%100
124	MP4B	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....	Start Location[ft. %]	End Location[ft. %]
1	M1	X	-.156	-.156	0	%100
2	M1	Z	-.09	-.09	0	%100
3	M4	X	-.475	-.475	0	%100
4	M4	Z	-.274	-.274	0	%100
5	M10	X	-.134	-.134	0	%100
6	M10	Z	-.077	-.077	0	%100
7	MP3A	X	-.513	-.513	0	%100
8	MP3A	Z	-.296	-.296	0	%100
9	MP4A	X	-.513	-.513	0	%100
10	MP4A	Z	-.296	-.296	0	%100
11	MP2A	X	-.513	-.513	0	%100
12	MP2A	Z	-.296	-.296	0	%100
13	MP1A	X	-.513	-.513	0	%100
14	MP1A	Z	-.296	-.296	0	%100
15	M43	X	-.134	-.134	0	%100
16	M43	Z	-.077	-.077	0	%100
17	M46	X	-.268	-.268	0	%100
18	M46	Z	-.154	-.154	0	%100
19	M51B	X	-.149	-.149	0	%100
20	M51B	Z	-.086	-.086	0	%100
21	M52B	X	-.595	-.595	0	%100
22	M52B	Z	-.343	-.343	0	%100
23	M76	X	-.803	-.803	0	%100
24	M76	Z	-.463	-.463	0	%100
25	M77	X	-.272	-.272	0	%100
26	M77	Z	-.157	-.157	0	%100
27	M80	X	-.287	-.287	0	%100
28	M80	Z	-.166	-.166	0	%100
29	M84	X	-.803	-.803	0	%100
30	M84	Z	-.463	-.463	0	%100
31	M85	X	-1.09	-1.09	0	%100
32	M85	Z	-.629	-.629	0	%100
33	M91	X	-1.148	-1.148	0	%100
34	M91	Z	-.663	-.663	0	%100
35	M100	X	-.106	-.106	0	%100
36	M100	Z	-.061	-.061	0	%100
37	M123	X	-.124	-.124	0	%100
38	M123	Z	-.071	-.071	0	%100
39	M128	X	-.611	-.611	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft,%]	End Location[ft,%]
40	M128	Z	-.353	-.353	0	%100
41	M43A	X	-.156	-.156	0	%100
42	M43A	Z	-.09	-.09	0	%100
43	M44	X	-.624	-.624	0	%100
44	M44	Z	-.36	-.36	0	%100
45	M45B	X	-.475	-.475	0	%100
46	M45B	Z	-.274	-.274	0	%100
47	M46A	X	-.134	-.134	0	%100
48	M46A	Z	-.077	-.077	0	%100
49	M47	X	-.134	-.134	0	%100
50	M47	Z	-.077	-.077	0	%100
51	M48	X	-.268	-.268	0	%100
52	M48	Z	-.154	-.154	0	%100
53	M49	X	-.595	-.595	0	%100
54	M49	Z	-.343	-.343	0	%100
55	M50A	X	-.149	-.149	0	%100
56	M50A	Z	-.086	-.086	0	%100
57	M54	X	-.803	-.803	0	%100
58	M54	Z	-.463	-.463	0	%100
59	M55	X	-1.09	-1.09	0	%100
60	M55	Z	-.629	-.629	0	%100
61	M57	X	-1.148	-1.148	0	%100
62	M57	Z	-.663	-.663	0	%100
63	M59A	X	-.803	-.803	0	%100
64	M59A	Z	-.463	-.463	0	%100
65	M60	X	-.272	-.272	0	%100
66	M60	Z	-.157	-.157	0	%100
67	M62	X	-.287	-.287	0	%100
68	M62	Z	-.166	-.166	0	%100
69	M67	X	-.611	-.611	0	%100
70	M67	Z	-.353	-.353	0	%100
71	M70	X	0	0	0	%100
72	M70	Z	0	0	0	%100
73	M71	X	-.537	-.537	0	%100
74	M71	Z	-.31	-.31	0	%100
75	M72	X	-.537	-.537	0	%100
76	M72	Z	-.31	-.31	0	%100
77	M73	X	-1.07	-1.07	0	%100
78	M73	Z	-.618	-.618	0	%100
79	M74	X	-.149	-.149	0	%100
80	M74	Z	-.086	-.086	0	%100
81	M75	X	-.149	-.149	0	%100
82	M75	Z	-.086	-.086	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M80A	X	-.272	-.272	0	%100
86	M80A	Z	-.157	-.157	0	%100
87	M82	X	-.287	-.287	0	%100
88	M82	Z	-.166	-.166	0	%100
89	M84A	X	0	0	0	%100
90	M84A	Z	0	0	0	%100
91	M85A	X	-.272	-.272	0	%100
92	M85A	Z	-.157	-.157	0	%100
93	M87	X	-.287	-.287	0	%100
94	M87	Z	-.166	-.166	0	%100
95	M92A	X	-.361	-.361	0	%100
96	M92A	Z	-.208	-.208	0	%100
97	M95	X	-.106	-.106	0	%100
98	M95	Z	-.061	-.061	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
99	M96	X	-.424	-.424	0	%100
100	M96	Z	-.245	-.245	0	%100
101	M99	X	-.124	-.124	0	%100
102	M99	Z	-.071	-.071	0	%100
103	M102A	X	-.495	-.495	0	%100
104	M102A	Z	-.286	-.286	0	%100
105	MP3C	X	-.513	-.513	0	%100
106	MP3C	Z	-.296	-.296	0	%100
107	MP5C	X	-.513	-.513	0	%100
108	MP5C	Z	-.296	-.296	0	%100
109	MP2C	X	-.513	-.513	0	%100
110	MP2C	Z	-.296	-.296	0	%100
111	MP1C	X	-.513	-.513	0	%100
112	MP1C	Z	-.296	-.296	0	%100
113	MP3B	X	-.513	-.513	0	%100
114	MP3B	Z	-.296	-.296	0	%100
115	MP5B	X	-.513	-.513	0	%100
116	MP5B	Z	-.296	-.296	0	%100
117	MP2B	X	-.513	-.513	0	%100
118	MP2B	Z	-.296	-.296	0	%100
119	MP1B	X	-.513	-.513	0	%100
120	MP1B	Z	-.296	-.296	0	%100
121	MP4C	X	-.441	-.441	0	%100
122	MP4C	Z	-.254	-.254	0	%100
123	MP4B	X	-.441	-.441	0	%100
124	MP4B	Z	-.254	-.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.27	-.27	0	%100
2	M1	Z	-.468	-.468	0	%100
3	M4	X	-.091	-.091	0	%100
4	M4	Z	-.158	-.158	0	%100
5	M10	X	-.232	-.232	0	%100
6	M10	Z	-.402	-.402	0	%100
7	MP3A	X	-.296	-.296	0	%100
8	MP3A	Z	-.513	-.513	0	%100
9	MP4A	X	-.296	-.296	0	%100
10	MP4A	Z	-.513	-.513	0	%100
11	MP2A	X	-.296	-.296	0	%100
12	MP2A	Z	-.513	-.513	0	%100
13	MP1A	X	-.296	-.296	0	%100
14	MP1A	Z	-.513	-.513	0	%100
15	M43	X	-.232	-.232	0	%100
16	M43	Z	-.402	-.402	0	%100
17	M46	X	-.463	-.463	0	%100
18	M46	Z	-.803	-.803	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.257	-.257	0	%100
22	M52B	Z	-.446	-.446	0	%100
23	M76	X	-.154	-.154	0	%100
24	M76	Z	-.268	-.268	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.154	-.154	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
30	M84	Z	-.268	-.268	0	%100
31	M85	X	-.472	-.472	0	%100
32	M85	Z	-.817	-.817	0	%100
33	M91	X	-.497	-.497	0	%100
34	M91	Z	-.861	-.861	0	%100
35	M100	X	-.183	-.183	0	%100
36	M100	Z	-.318	-.318	0	%100
37	M123	X	-.214	-.214	0	%100
38	M123	Z	-.371	-.371	0	%100
39	M128	X	-.257	-.257	0	%100
40	M128	Z	-.444	-.444	0	%100
41	M43A	X	0	0	0	%100
42	M43A	Z	0	0	0	%100
43	M44	X	-.27	-.27	0	%100
44	M44	Z	-.468	-.468	0	%100
45	M45B	X	-.366	-.366	0	%100
46	M45B	Z	-.633	-.633	0	%100
47	M46A	X	0	0	0	%100
48	M46A	Z	0	0	0	%100
49	M47	X	0	0	0	%100
50	M47	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M49	X	-.257	-.257	0	%100
54	M49	Z	-.446	-.446	0	%100
55	M50A	X	-.257	-.257	0	%100
56	M50A	Z	-.446	-.446	0	%100
57	M54	X	-.618	-.618	0	%100
58	M54	Z	-1.07	-1.07	0	%100
59	M55	X	-.472	-.472	0	%100
60	M55	Z	-.817	-.817	0	%100
61	M57	X	-.497	-.497	0	%100
62	M57	Z	-.861	-.861	0	%100
63	M59A	X	-.618	-.618	0	%100
64	M59A	Z	-1.07	-1.07	0	%100
65	M60	X	-.472	-.472	0	%100
66	M60	Z	-.817	-.817	0	%100
67	M62	X	-.497	-.497	0	%100
68	M62	Z	-.861	-.861	0	%100
69	M67	X	-.401	-.401	0	%100
70	M67	Z	-.695	-.695	0	%100
71	M70	X	-.091	-.091	0	%100
72	M70	Z	-.158	-.158	0	%100
73	M71	X	-.232	-.232	0	%100
74	M71	Z	-.402	-.402	0	%100
75	M72	X	-.232	-.232	0	%100
76	M72	Z	-.402	-.402	0	%100
77	M73	X	-.463	-.463	0	%100
78	M73	Z	-.803	-.803	0	%100
79	M74	X	-.257	-.257	0	%100
80	M74	Z	-.446	-.446	0	%100
81	M75	X	0	0	0	%100
82	M75	Z	0	0	0	%100
83	M79A	X	-.154	-.154	0	%100
84	M79A	Z	-.268	-.268	0	%100
85	M80A	X	-.472	-.472	0	%100
86	M80A	Z	-.817	-.817	0	%100
87	M82	X	-.497	-.497	0	%100
88	M82	Z	-.861	-.861	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
89	M84A	X	-.154	-.154	0	%100
90	M84A	Z	-.268	-.268	0	%100
91	M85A	X	0	0	0	%100
92	M85A	Z	0	0	0	%100
93	M87	X	0	0	0	%100
94	M87	Z	0	0	0	%100
95	M92A	X	-.257	-.257	0	%100
96	M92A	Z	-.444	-.444	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-.183	-.183	0	%100
100	M96	Z	-.318	-.318	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M102A	X	-.214	-.214	0	%100
104	M102A	Z	-.371	-.371	0	%100
105	MP3C	X	-.296	-.296	0	%100
106	MP3C	Z	-.513	-.513	0	%100
107	MP5C	X	-.296	-.296	0	%100
108	MP5C	Z	-.513	-.513	0	%100
109	MP2C	X	-.296	-.296	0	%100
110	MP2C	Z	-.513	-.513	0	%100
111	MP1C	X	-.296	-.296	0	%100
112	MP1C	Z	-.513	-.513	0	%100
113	MP3B	X	-.296	-.296	0	%100
114	MP3B	Z	-.513	-.513	0	%100
115	MP5B	X	-.296	-.296	0	%100
116	MP5B	Z	-.513	-.513	0	%100
117	MP2B	X	-.296	-.296	0	%100
118	MP2B	Z	-.513	-.513	0	%100
119	MP1B	X	-.296	-.296	0	%100
120	MP1B	Z	-.513	-.513	0	%100
121	MP4C	X	-.254	-.254	0	%100
122	MP4C	Z	-.441	-.441	0	%100
123	MP4B	X	-.254	-.254	0	%100
124	MP4B	Z	-.441	-.441	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M51B	Y	-1.67	-4.408	0	.866
2	M51B	Y	-4.408	-7.113	.866	1.732
3	M51B	Y	-7.113	-8.407	1.732	2.598
4	M51B	Y	-8.407	-6.797	2.598	3.464
5	M51B	Y	-6.797	-3.659	3.464	4.33
6	M52B	Y	-3.717	-6.929	0	.866
7	M52B	Y	-6.929	-8.667	.866	1.732
8	M52B	Y	-8.667	-7.637	1.732	2.598
9	M52B	Y	-7.637	-4.516	2.598	3.464
10	M52B	Y	-4.516	-.601	3.464	4.33
11	M74	Y	-1.852	-4.506	0	.866
12	M74	Y	-4.506	-7.259	.866	1.732
13	M74	Y	-7.259	-8.565	1.732	2.598
14	M74	Y	-8.565	-6.847	2.598	3.464
15	M74	Y	-6.847	-3.652	3.464	4.33
16	M75	Y	-3.652	-6.819	0	.866
17	M75	Y	-6.819	-8.49	.866	1.732
18	M75	Y	-8.49	-7.109	1.732	2.598
19	M75	Y	-7.109	-4.306	2.598	3.464

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
20	M75	Y	-4.306	-1.636	3.464	4.33
21	M49	Y	-1.638	-4.305	0	.866
22	M49	Y	-4.305	-7.111	.866	1.732
23	M49	Y	-7.111	-8.492	1.732	2.598
24	M49	Y	-8.492	-6.818	2.598	3.464
25	M49	Y	-6.818	-3.652	3.464	4.33
26	M50A	Y	-3.659	-6.853	0	.866
27	M50A	Y	-6.853	-8.559	.866	1.732
28	M50A	Y	-8.559	-7.252	1.732	2.598
29	M50A	Y	-7.252	-4.508	2.598	3.464
30	M50A	Y	-4.508	-1.85	3.464	4.33

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M51B	Y	-3.22	-8.5	0	.866
2	M51B	Y	-8.5	-13.716	.866	1.732
3	M51B	Y	-13.716	-16.212	1.732	2.598
4	M51B	Y	-16.212	-13.107	2.598	3.464
5	M51B	Y	-13.107	-7.056	3.464	4.33
6	M52B	Y	-7.168	-13.361	0	.866
7	M52B	Y	-13.361	-16.713	.866	1.732
8	M52B	Y	-16.713	-14.725	1.732	2.598
9	M52B	Y	-14.725	-8.708	2.598	3.464
10	M52B	Y	-8.708	-1.159	3.464	4.33
11	M74	Y	-3.572	-8.689	0	.866
12	M74	Y	-8.689	-13.997	.866	1.732
13	M74	Y	-13.997	-16.515	1.732	2.598
14	M74	Y	-16.515	-13.203	2.598	3.464
15	M74	Y	-13.203	-7.042	3.464	4.33
16	M75	Y	-7.043	-13.149	0	.866
17	M75	Y	-13.149	-16.371	.866	1.732
18	M75	Y	-16.371	-13.709	1.732	2.598
19	M75	Y	-13.709	-8.304	2.598	3.464
20	M75	Y	-8.304	-3.155	3.464	4.33
21	M49	Y	-3.159	-8.301	0	.866
22	M49	Y	-8.301	-13.712	.866	1.732
23	M49	Y	-13.712	-16.375	1.732	2.598
24	M49	Y	-16.375	-13.147	2.598	3.464
25	M49	Y	-13.147	-7.042	3.464	4.33
26	M50A	Y	-7.056	-13.214	0	.866
27	M50A	Y	-13.214	-16.504	.866	1.732
28	M50A	Y	-16.504	-13.985	1.732	2.598
29	M50A	Y	-13.985	-8.693	2.598	3.464
30	M50A	Y	-8.693	-3.568	3.464	4.33

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M51B	Y	-.081	-.214	0	.866
2	M51B	Y	-.214	-.346	.866	1.732
3	M51B	Y	-.346	-.409	1.732	2.598
4	M51B	Y	-.409	-.331	2.598	3.464
5	M51B	Y	-.331	-.178	3.464	4.33
6	M52B	Y	-.181	-.337	0	.866
7	M52B	Y	-.337	-.422	.866	1.732
8	M52B	Y	-.422	-.372	1.732	2.598
9	M52B	Y	-.372	-.22	2.598	3.464
10	M52B	Y	-.22	-.029	3.464	4.33
11	M74	Y	-.09	-.219	0	.866

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
12	M74	Y	-.219	-.353	.866	1.732
13	M74	Y	-.353	-.417	1.732	2.598
14	M74	Y	-.417	-.333	2.598	3.464
15	M74	Y	-.333	-.178	3.464	4.33
16	M75	Y	-.178	-.332	0	.866
17	M75	Y	-.332	-.413	.866	1.732
18	M75	Y	-.413	-.346	1.732	2.598
19	M75	Y	-.346	-.21	2.598	3.464
20	M75	Y	-.21	-.08	3.464	4.33
21	M49	Y	-.08	-.209	0	.866
22	M49	Y	-.209	-.346	.866	1.732
23	M49	Y	-.346	-.413	1.732	2.598
24	M49	Y	-.413	-.332	2.598	3.464
25	M49	Y	-.332	-.178	3.464	4.33
26	M50A	Y	-.178	-.333	0	.866
27	M50A	Y	-.333	-.416	.866	1.732
28	M50A	Y	-.416	-.353	1.732	2.598
29	M50A	Y	-.353	-.219	2.598	3.464
30	M50A	Y	-.219	-.09	3.464	4.33

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M51B	Z	-.203	-.536	0	.866
2	M51B	Z	-.536	-.865	.866	1.732
3	M51B	Z	-.865	-1.022	1.732	2.598
4	M51B	Z	-1.022	-.826	2.598	3.464
5	M51B	Z	-.826	-.445	3.464	4.33
6	M52B	Z	-.452	-.842	0	.866
7	M52B	Z	-.842	-1.053	.866	1.732
8	M52B	Z	-1.053	-.928	1.732	2.598
9	M52B	Z	-.928	-.549	2.598	3.464
10	M52B	Z	-.549	-.073	3.464	4.33
11	M74	Z	-.225	-.548	0	.866
12	M74	Z	-.548	-.882	.866	1.732
13	M74	Z	-.882	-1.041	1.732	2.598
14	M74	Z	-1.041	-.832	2.598	3.464
15	M74	Z	-.832	-.444	3.464	4.33
16	M75	Z	-.444	-.829	0	.866
17	M75	Z	-.829	-1.032	.866	1.732
18	M75	Z	-1.032	-.864	1.732	2.598
19	M75	Z	-.864	-.523	2.598	3.464
20	M75	Z	-.523	-.199	3.464	4.33
21	M49	Z	-.199	-.523	0	.866
22	M49	Z	-.523	-.864	.866	1.732
23	M49	Z	-.864	-1.032	1.732	2.598
24	M49	Z	-1.032	-.829	2.598	3.464
25	M49	Z	-.829	-.444	3.464	4.33
26	M50A	Z	-.445	-.833	0	.866
27	M50A	Z	-.833	-1.04	.866	1.732
28	M50A	Z	-1.04	-.881	1.732	2.598
29	M50A	Z	-.881	-.548	2.598	3.464
30	M50A	Z	-.548	-.225	3.464	4.33

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M51B	X	.203	.536	0	.866
2	M51B	X	.536	.865	.866	1.732
3	M51B	X	.865	1.022	1.732	2.598

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
4	M51B	X	1.022	.826	2.598	3.464
5	M51B	X	.826	.445	3.464	4.33
6	M52B	X	.452	.842	0	.866
7	M52B	X	.842	1.053	.866	1.732
8	M52B	X	1.053	.928	1.732	2.598
9	M52B	X	.928	.549	2.598	3.464
10	M52B	X	.549	.073	3.464	4.33
11	M74	X	.225	.548	0	.866
12	M74	X	.548	.882	.866	1.732
13	M74	X	.882	1.041	1.732	2.598
14	M74	X	1.041	.832	2.598	3.464
15	M74	X	.832	.444	3.464	4.33
16	M75	X	.444	.829	0	.866
17	M75	X	.829	1.032	.866	1.732
18	M75	X	1.032	.864	1.732	2.598
19	M75	X	.864	.523	2.598	3.464
20	M75	X	.523	.199	3.464	4.33
21	M49	X	.199	.523	0	.866
22	M49	X	.523	.864	.866	1.732
23	M49	X	.864	1.032	1.732	2.598
24	M49	X	1.032	.829	2.598	3.464
25	M49	X	.829	.444	3.464	4.33
26	M50A	X	.445	.833	0	.866
27	M50A	X	.833	1.04	.866	1.732
28	M50A	X	1.04	.881	1.732	2.598
29	M50A	X	.881	.548	2.598	3.464
30	M50A	X	.548	.225	3.464	4.33

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87B	N87C	N70	N71	Y	Two Way	-.005
2	N128	N122	N124	N129	Y	Two Way	-.005
3	N93	N98	N97	N91	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87B	N87C	N70	N71	Y	Two Way	-.01
2	N128	N122	N124	N129	Y	Two Way	-.01
3	N93	N98	N97	N91	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87B	N87C	N70	N71	Y	Two Way	-.000253
2	N128	N122	N124	N129	Y	Two Way	-.000253
3	N93	N98	N97	N91	Y	Two Way	-.000253

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87B	N87C	N70	N71	Z	Two Way	-.000632
2	N128	N122	N124	N129	Z	Two Way	-.000632
3	N93	N98	N97	N91	Z	Two Way	-.000632

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87B	N87C	N70	N71	X	Two Way	.000632

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N128	N122	N124	N129	X	Two Way	.000632
3	N93	N98	N97	N91	X	Two Way	.000632

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	633.449	10	871.922	7	6518.735	1	.925	7	.935	4	.196	1
2		min	-613.386	4	-477.335	1	-3515.33	7	-.397	1	-1.01	10	-.425	7
3	N190A	max	100.291	10	2756.434	1	1007.713	7	0	75	.216	4	.141	4
4		min	-135.021	4	-657.072	7	-4150.479	1	0	1	-.179	10	-.118	10
5	N70B	max	5089.486	9	697.391	3	1597.134	3	.152	9	.901	12	.156	10
6		min	-2660.173	3	-292.342	9	-3001.194	9	-.862	39	-.949	6	-.53	3
7	N95	max	684.948	3	2481.763	9	1888.812	9	.118	12	.208	12	.06	6
8		min	-3219.704	9	-515.302	3	-398.535	3	-.104	6	-.183	6	-.068	12
9	N101A	max	3128.166	11	973.709	11	1747.531	11	.173	5	.909	8	1.05	12
10		min	-5750.243	5	-594.64	5	-3238.742	5	-.3	50	-.987	2	-.492	6
11	N126	max	3756.768	5	2865.861	5	2126.855	5	.098	2	.208	8	.057	2
12		min	-1014.55	11	-763.687	11	-581.946	11	-.118	8	-.172	2	-.068	8
13	Totals:	max	4415.504	10	7507.599	13	4593.587	1						
14		min	-4415.505	4	2606.053	70	-4593.588	7						

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

Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE 3.0	.183	8.464	4	.114	11.719	8	28250.554	65205	5.749	5.749	4...	H1-1b
2	M4	HSS4X4X4	.237	3.66	1	.091	3.714	y 3	97504.333	106155	12.311	12.311	1...	H1-1b
3	M10	HSS4X4X4	.141	2.375	14	.050	.124	z 1	104265.3...	106155	12.311	12.311	1...	H1-1b
4	MP3A	PIPE 2.5	.351	5.963	4	.144	5.963	3	29792.692	50715	3.596	3.596	3...	H1-1b
5	MP4A	PIPE 2.5	.199	5.963	9	.141	2.1	7	29792.692	50715	3.596	3.596	4...	H1-1b
6	MP2A	PIPE 2.5	.342	5.963	4	.115	3.947	6	29792.692	50715	3.596	3.596	4...	H1-1b
7	MP1A	PIPE 2.5	.173	5.963	10	.113	2.1	8	29792.692	50715	3.596	3.596	3...	H1-1b
8	M43	HSS4X4X4	.148	0	24	.068	0	y 20	104265.3...	106155	12.311	12.311	1...	H1-1b
9	M46	PL1/2X6	.313	.516	1	.170	.516	y 4	64869.21	94500	.984	11.813	1...	H1-1b
10	M51B	L2x2x3	.140	0	1	.011	0	y 17	9125.041	22743	.542	1.045	1...	H2-1
11	M52B	L2x2x3	.133	4.33	11	.010	0	y 20	9125.041	22743	.542	1.083	1...	H2-1
12	M76	PL3/8x6	.283	0	5	.142	0	y 7	68773.774	70875	.554	8.859	1...	H1-1b
13	M77	PL3/8x6	.324	.167	7	.270	0	y 13	69647.547	70875	.554	8.859	1...	H1-1b
14	M80	PL1/2X6	.103	.112	1	.183	0	y 12	94081.722	94500	.984	11.813	1...	H1-1b
15	M84	PL3/8x6	.302	0	10	.093	0	y 1	68773.774	70875	.554	8.859	1...	H1-1b
16	M85	PL3/8x6	.315	.167	7	.333	0	y 21	69647.547	70875	.554	8.859	1...	H1-1b
17	M91	PL1/2X6	.093	.112	7	.275	0	y 2	94081.722	94500	.984	11.813	1...	H1-1b
18	M100	PIPE 2.0	.402	8.594	7	.193	11.719	7	6295.422	32130	1.872	1.872	2...	H1-1b
19	M123	L2.5x2.5x3	.663	1.143	11	.109	.012	z 4	27107.274	28381.5	.848	1.917	2...	H2-1
20	M128	LL2.5x2.5x3x3	.112	0	1	.010	4.395	z 4	44477.946	58320	3.954	2.55	2...	H1-1b*
21	M43A	PIPE 3.0	.223	8.464	12	.101	8.594	4	28250.554	65205	5.749	5.749	3...	H1-1b
22	M44	PIPE 3.0	.210	8.464	8	.108	8.594	12	28250.554	65205	5.749	5.749	3...	H1-1b
23	M45B	HSS4X4X4	.210	3.66	9	.097	3.714	y 35	97504.333	106155	12.311	12.311	1...	H1-1b
24	M46A	HSS4X4X4	.137	2.375	22	.047	.124	z 9	104265.3...	106155	12.311	12.311	1...	H1-1b
25	M47	HSS4X4X4	.143	0	20	.065	0	y 41	104265.3...	106155	12.311	12.311	1...	H1-1b
26	M48	PL1/2X6	.279	.516	9	.164	.516	y 36	64869.21	94500	.984	11.813	1...	H1-1b
27	M49	L2x2x3	.131	0	10	.010	0	y 13	9125.041	22743	.542	1.051	1...	H2-1
28	M50A	L2x2x3	.128	4.33	7	.010	4.33	y 17	9125.041	22743	.542	1.084	1...	H2-1
29	M54	PL3/8x6	.257	0	1	.129	0	y 39	68773.774	70875	.554	8.859	1...	H1-1b
30	M55	PL3/8x6	.298	.167	3	.261	0	y 21	69647.547	70875	.554	8.859	1...	H1-1b
31	M57	PL1/2X6	.092	.112	9	.174	0	y 7	94081.722	94500	.984	11.813	1...	H1-1b
32	M59A	PL3/8x6	.262	0	6	.101	0	y 46	68773.774	70875	.554	8.859	1...	H1-1b
33	M60	PL3/8x6	.284	.167	3	.327	0	y 42	69647.547	70875	.554	8.859	1...	H1-1b
34	M62	PL1/2X6	.085	.112	3	.271	0	y 34	94081.722	94500	.984	11.813	1...	H1-1b

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

	Member	Shape	Code C...	Loc(ft)	LC	Shear...	Loc(ft)	Dir	LC	phi*Pnc [L...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Egn
35	M67	LL2.5x2.5x3x3	.105	0	35	.010	4.395	z	12	44477.946	58320	3.954	2.55	2...	H1-1b
36	M70	HSS4X4X4	.249	3.66	5	.096	3.714	y	7	97504.333	106155	12.311	12.311	1...	H1-1b
37	M71	HSS4X4X4	.137	2.375	18	.047	.124	z	5	104265.3...	106155	12.311	12.311	1...	H1-1b
38	M72	HSS4X4X4	.147	0	16	.067	0	y	24	104265.3...	106155	12.311	12.311	1...	H1-1b
39	M73	PL1/2X6	.295	.516	5	.175	.516	y	8	64869.21	94500	.984	11.813	1...	H1-1b
40	M74	L2x2x3	.134	0	6	.011	0	y	21	9125.041	22743	.542	1.051	1...	H2-1
41	M75	L2x2x3	.128	4.33	3	.010	4.33	y	24	9125.041	22743	.542	1.138	1...	H2-1
42	M79A	PL3/8x6	.259	0	9	.177	0	y	11	68773.774	70875	.554	8.859	1...	H1-1b
43	M80A	PL3/8x6	.305	.167	11	.258	0	y	21	69647.547	70875	.554	8.859	1...	H1-1b
44	M82	PL1/2X6	.097	.112	5	.191	0	y	4	94081.722	94500	.984	11.813	1...	H1-1b
45	M84A	PL3/8x6	.314	0	2	.104	0	y	5	68773.774	70875	.554	8.859	1...	H1-1b
46	M85A	PL3/8x6	.307	.167	11	.332	0	y	13	69647.547	70875	.554	8.859	1...	H1-1b
47	M87	PL1/2X6	.092	.112	11	.292	0	y	6	94081.722	94500	.984	11.813	1...	H1-1b
48	M92A	LL2.5x2.5x3x3	.117	0	5	.010	4.395	z	8	44477.946	58320	3.954	2.55	2...	H1-1b
49	M95	PIPE 2.0	.359	8.594	3	.180	10.286		4	6295.422	32130	1.872	1.872	2...	H1-1b
50	M96	PIPE 2.0	.356	8.594	11	.188	10.286		12	6295.422	32130	1.872	1.872	3...	H1-1b
51	M99	L2.5x2.5x3	.660	1.143	7	.103	0	z	6	27107.274	28381.5	.848	1.917	2...	H2-1
52	M102A	L2.5x2.5x3	.665	1.143	3	.112	0	z	8	27107.274	28381.5	.848	1.917	2...	H2-1
53	MP3C	PIPE 2.5	.325	5.963	12	.134	5.963		11	29792.692	50715	3.596	3.596	3...	H1-1b
54	MP5C	PIPE 2.5	.140	5.963	5	.127	2.1		3	29792.692	50715	3.596	3.596	1...	H1-1b
55	MP2C	PIPE 2.5	.334	5.963	12	.102	5.963		3	29792.692	50715	3.596	3.596	3...	H1-1b
56	MP1C	PIPE 2.5	.165	5.963	6	.110	2.1		10	29792.692	50715	3.596	3.596	3...	H1-1b
57	MP3B	PIPE 2.5	.304	5.963	8	.135	5.963		7	29792.692	50715	3.596	3.596	3...	H1-1b
58	MP5B	PIPE 2.5	.145	5.963	12	.129	2.1		11	29792.692	50715	3.596	3.596	3...	H1-1b
59	MP2B	PIPE 2.5	.311	5.963	8	.094	3.947		10	29792.692	50715	3.596	3.596	4...	H1-1b
60	MP1B	PIPE 2.5	.157	5.963	1	.111	2.1		6	29792.692	50715	3.596	3.596	4...	H1-1b
61	MP4C	PIPE 2.5	.215	4.123	6	.145	.174		4	43998.138	50715	3.596	3.596	2...	H1-1b
62	MP4B	PIPE 2.5	.199	4.123	2	.151	.174		12	43998.138	50715	3.596	3.596	2...	H1-1b

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):

0.625

Required Tensile Strength / bolt (kips):

2.3

Required Shear Strength / bolt (kips):

0.2

Tensile Capacity / bolt (kips):

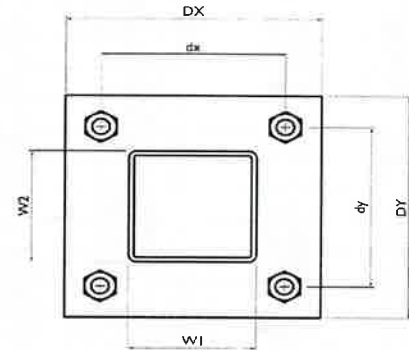
20.7

Shear Capacity / bolt (kips):

12.4

Bolt Overall Utilization:

11.2%



Tower Connection Baseplate Checks

Yes

Connecting Standoff Member Shape:

Rect Tube

Weld Stiffener Configuration:

No Stiffeners

Plate Width, D_x (in):

10

Plate Height, D_y (in):

10

W_1 (in):

4

W_2 (in):

4

Member Thickness (in):

0.25

Stiffener location a_1 (in):

Stiffener location b_1 (in):

Stiffener location a_2 (in):

Stiffener location b_2 (in):

F_y (ksi, plate):

36

Plate Thickness (in):

0.5

Length of Yield Line, L_y (in):

7.75

Bolt Eccentricity, e (in):

2.35

M_u (kip-in):

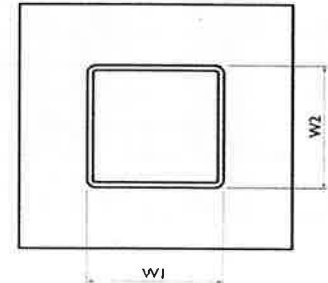
5.45

$\Phi * M_n$ (kip-in):

15.69

Plate Bending Utilization:

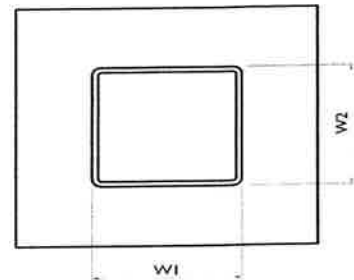
34.7%



Tower Connection Weld Checks

Weld Shape:
Weld Stiffener Configuration:
Weld Size (1/16 in):
W1 (in):
W2 (in):
Weld Total Length (in):
 Z_x (in³/in):
 Z_y (in³/in):
 J_p (in⁴/in):
 C_x (in):
 C_y (in):
Required combined strength (kip/in):
Weld Capacity (kip/in):
Weld Utilization:

Yes
Rectangle
None
4
4
4
16.00
21.33
21.33
85.33
2.25
2.25
0.63
5.57
11.3%



ATTACHMENT 4

186 Black Rock
Turnpike, Redding, CT...

58

Black Rock Turnpike

SilverSmith Ln

SilverSmith Ln



REDDING,CT

186 BLACK ROCK TPKE

Location

186 BLACK ROCK TPKE

Mblu

23/ / 72/ /

Acct#

00066200

Owner

REDDING FIRE DISTRICT 1

Assessment

\$1,202,800

Appraisal

\$1,718,200

PID

676

Building Count

1

Current Value

Appraisal

Valuation Year	Improvements	Land	Total
2020	\$1,120,700	\$597,500	\$1,718,200

Assessment

Valuation Year	Improvements	Land	Total

2020	\$784,500	\$418,300	\$1,202,800
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Owner of Record

Owner REDDING FIRE DISTRICT 1

Co-Owner

Address BOX 45
REDDING, CT 06875-0045

Sale Price \$0

Certificate 1

Book & Page 0040/0203

Sale Date 01/27/1939

Instrument XX

Ownership History
Ownership History

Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
REDDING FIRE DISTRICT 1	\$0	1	0040/0203	XX	01/27/1939

Building Information

Building 1 : Section 1

Year Built: 1927

Living Area: 7,879

Replacement Cost: \$1,591,726

Building Percent Good: 70

Replacement Cost

Less Depreciation: \$1,114,200

Building Attributes



Field	Description
Style	Fire Station
Model	Ind/Comm
Grade	B-
Stories	1
Occupancy	1.00

ATTACHMENT 5



Verizon/Redding NE

Certificate of Mailing — Firm

Name and Address of Sender Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103		TOTAL NO. of Pieces Listed by Sender 3	TOTAL NO. of Pieces Received at Post Office™ 3	Affix Stamp Here <i>Postmark with Date of Receipt.</i> neopost [®] 10/04/2023 US POSTAGE \$003.19⁰  ZIP 06103 041L12203937			
USPS® Tracking Number Firm-specific Identifier		Address (Name, Street, City, State, and ZIP Code™) Julia Pemberton, First Selectwoman Town of Redding 100 Hill Road Redding, CT 06875		Postage	Fee	Special Handling	Parcel Airlift
1.		Aimee Pardee, Land Use Director Old Town House 23 Cross Highway Redding, CT 06875					
		Redding Fire District 1 PO Box 45 Redding, CT 06875					
4.							
5.							
6.							