Crown Castle
3 Corporate Park Drive, Suite 101
Clifton Park, NY 12065

April 1, 2024

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

RE: **Notice of Exempt Modification for Verizon Wireless**
Crown #876384
798 Toby Hill Road, Westbrook, CT 06498
Latitude: 41° 35′ 14.20″ / Longitude: -72° 29′ 19.60″

Dear Ms. Bachman:

Verizon Wireless currently maintains fifteen (15) antennas at the 139-foot mount on the existing 156-foot monopole tower located at 798 Toby Hill Road, Westbrook, CT. The property is owned Toby Hill Farm LLC and the tower is owned by Crown Castle. Verizon now intends to add two (2) interference mitigation filters at the 139-foot level. This modification/proposal includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Panned Modification:

Tower:

Install New:
(2) Kaelus BSF0020F3V1- Interference Mitigation Filters

The facility was approved by the Town of Westbrook Planning and Zoning Department on October 11, 2000. The approval was given with conditions which this exempt modification follows.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to John Hall, First Selectman, Town of Westbrook and Peter Gillespie, Town Planner, Town of Guilford. Toby Hill Farm LLC is the landowner and Crown Castle is the tower owner.

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

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

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

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, Verizon Wireless respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Jeffrey Barbadora.

Sincerely,

Jeff Barbadora

Jeffrey Barbadora
Permitting Specialist
1800 W. Park Drive
Westborough, MA 01581
(781) 970-0053
Jeff.Barbadora@crowncastle.com

Attachments
cc:

John Hall, First Selectman
Town of Westbrook
866 Boston Post Road
Westbrook, CT 06498
860-399-3040

Peter Gillespie, Town Planner
Town of Westbrook
866 Boston Post Road
Westbrook, CT 06498
860-399-3041

Toby Hill Farm LLC
P.O. BOX 700
Westbrook, CT 06498
860-399-6201

Crown Castle, Tower Owner

TOWN OF WESTBROOK
ZONING

P.O. BOX G
WESTBROOK, CONNECTICUT 06498-0676
(860) 399-3046 • FAX (860) 399-9568

May 25, 2000

Donald Duthaler, Jr.
O'Brien & Gere Engineers, Inc.
Raritan Plaza 1
Edison, NJ 08837

RE: Special Permit/Site Plan application from Sprint Spectrum LP for a telecommunications facility at Toby Hill Road

Dear Mr. Duthaler:

At its meeting of May 23, 2000 the Westbrook Zoning Commission took the following action on the above named application:

APPROVED: To approve the Special Permit application for a telecommunications facility at Toby Hill Road as shown in drawing entitled " Site Plans Sprint PCS Site #CT 33XC548 Orsina Property Toby Hill Road Westbrook, Connecticut" dated October 26, 1999, prepared by Vanasse Hangen Brustlin, Inc.

A mylar and three (3) copies of the Site Plan must be delivered to the Zoning Office. Please include an approval signature block on these plans.

Sincerely,

James R. Taylor

James R. Taylor
Zoning Enforcement Officer

Cc: Town Clerk
Assessor
Building Dept.

JRT:cgg

CERTIFIED MAIL # Z 033 664 069

TOWN OF WESTBROOK
INLAND WETLANDS AND WATERCOURSES

P.O. BOX G
WESTBROOK, CONNECTICUT 06498-0676
(203) 399-3046

April 17, 2000

Sprint Spectrum, L.P.
One International Blvd.
Suite 800
Mahwah, NJ 07495

Re: Toby Hill Rd, Map 67, Lot 70, Westbrook, CT –Construction of Telecommunication Facility, 150-foot monopole tower

Ladies and Gentlemen:

At the last regular meeting of the Westbrook Inland Wetlands & Watercourses Commission on Tuesday, April 4, 2000, it was voted to approve the above-referenced application with the following stipulations:

To approve this activity with the following 5 stipulations:

1. A reference point denoting the water elevation will be outside the construction area
2. Asphalt will be used on downhill section of road, starting where drainage swale is and continuing to drainage basin #4, with 2" stone on embankments
3. Soil and erosion control measures must be shown on the plans
4. Detailed sequence of wetland crossing dewatering plan must be on file in the Town Hall Wetland Office at least 5 days prior to the start of dewatering
5. Inland Wetland Enforcement Officer must be notified prior to the start of construction so she may monitor the process.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Heidi K. Wallace

Heidi K. Wallace
Inland Wetland Enforcement Officer
Town of Westbrook

798 TOBY HILL RD

Location	798 TOBY HILL RD	**Mblu**	134/ / 010/ /
Acct#	O0268700	**Owner**	TOBY HILL FARM LLC
Assessment	$5,020	**Appraisal**	$231,320
PID	2783	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$2,640	$228,680	$231,320

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$1,850	$3,170	$5,020

Owner of Record

Owner	TOBY HILL FARM LLC	**Sale Price**	$0
Co-Owner		**Certificate**	
Address	PO BOX 700 WESTBROOK, CT 06498	**Book & Page**	337/439
		Sale Date	11/05/2015

Ownership History

Ownership History				
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Sale Date**
TOBY HILL FARM LLC	$0		337/439	11/05/2015
TOBY HILL FARM LLC	$0		327/637	12/12/2013
ORSINA PAUL J TRUSTEE	$0		136/480	12/29/1989

Building Information

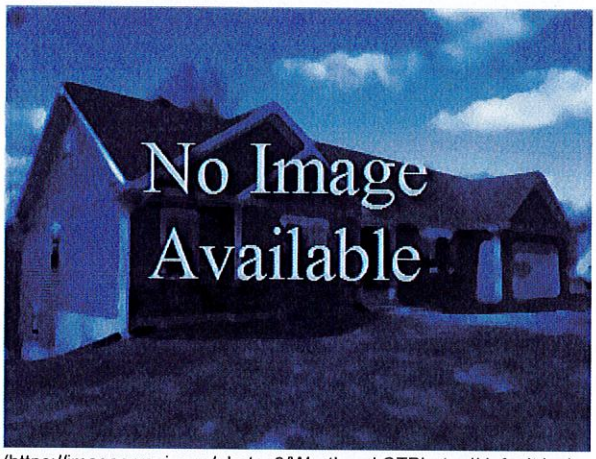
Building 1 : Section 1

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

Replacement Cost
Less Depreciation: $0

Building Attributes	
Field	**Description**
Style	Outbuildings
Model	
Grade:	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Full Bthrms:	
Half Baths:	
Extra Fixtures	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Extra Kitchens	
Fireplace(s)	
Gas Fireplace(s)	
Stacks	
Bsmt Garage(s)	
Callback	
Fireplaces	
Fin Bsmnt	
Fin Bsmnt Qual	
Bsmt Heat	
Int Vs Ext	
Fndtn Cndtn	
Basement	
Usrfld 706	

Building Photo



(https://images.vgsi.com/photos2/WestbrookCTPhotos//default.jpg)

Building Layout

Building Layout
(https://images.vgsi.com/photos2/WestbrookCTPhotos//Sketches/2783_27

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

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code 610
Description Forest
Zone RR
Neighborhood 0050
Alt Land Appr No
Category

Land Line Valuation

Size (Acres) 11.59
Depth
Assessed Value $3,170
Appraised Value $228,680

Special Land			
Land Use Code	Land Use Description	Units	Unit Type
610	Forest	2.00	AC
610	Forest	9.59	AC

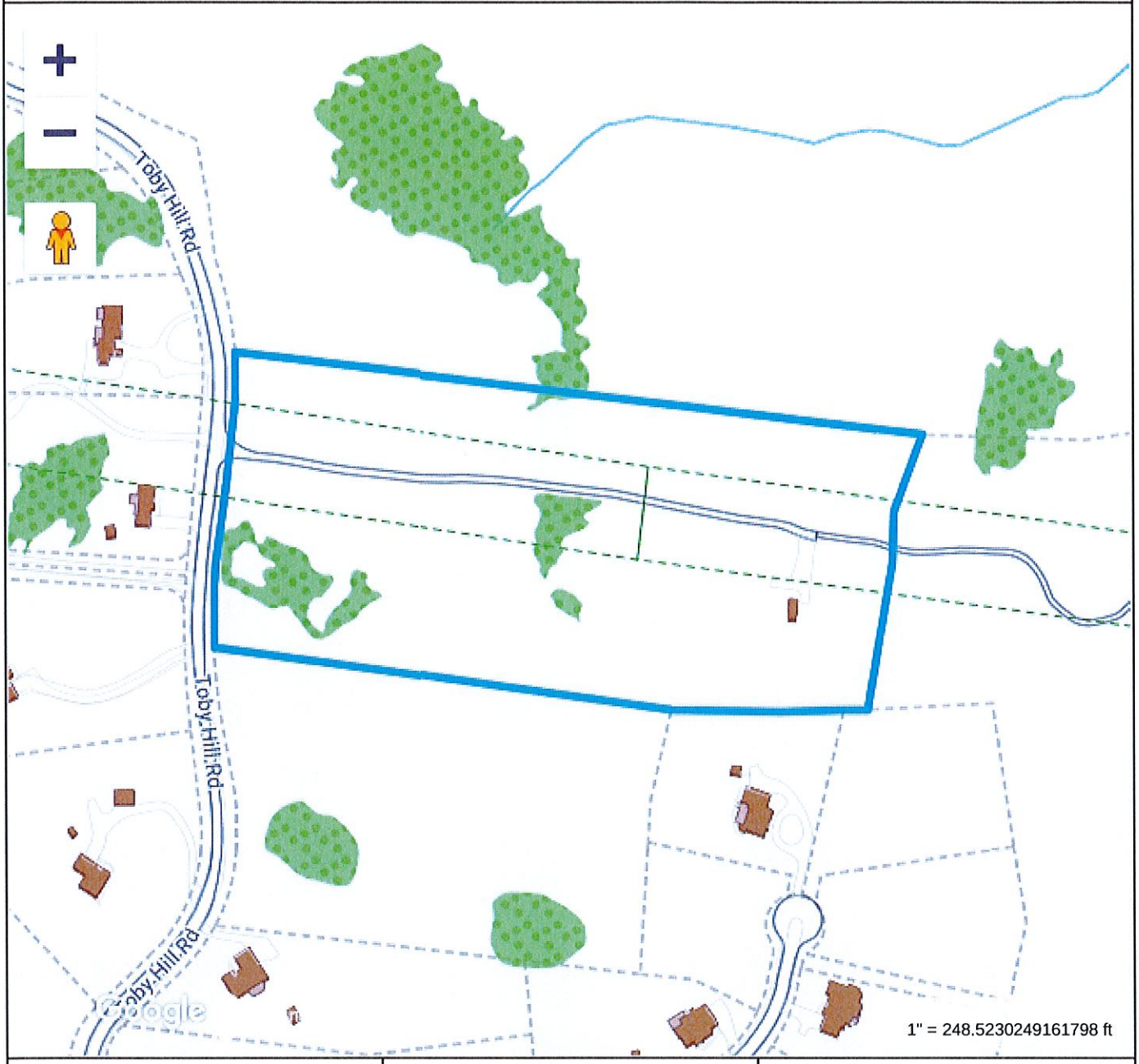
Outbuildings

Outbuildings							Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #	Comment
TCM	Telecomm			75.00 S.F.&HGT	$2,640	1	TELECOM TOWER
TCS	Telecomm Site			0.00 UNITS	$0	1	3 NEWANT

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2024	$2,640	$228,680	$231,320
2021	$2,640	$228,680	$231,320
2020	$2,490	$144,420	$146,910

Assessment			
Valuation Year	Improvements	Land	Total
2024	$1,850	$3,170	$5,020
2021	$1,850	$3,170	$5,020
2020	$1,740	$1,950	$3,690



Property Information

Property ID	134-010
Location	798 TOBY HILL RD
Owner	TOBY HILL FARM LLC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of Westbrook, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

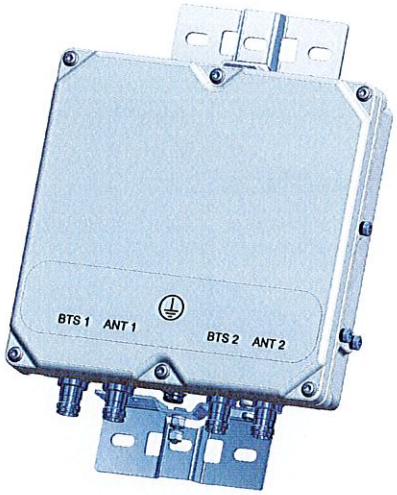
Geometry updated October 25, 2021
Data updated daily

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

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

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

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

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

ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-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.

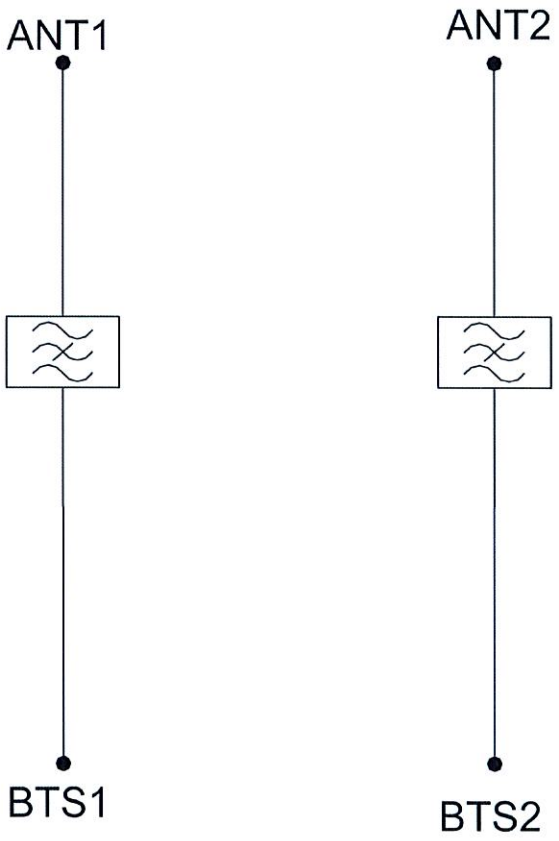
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

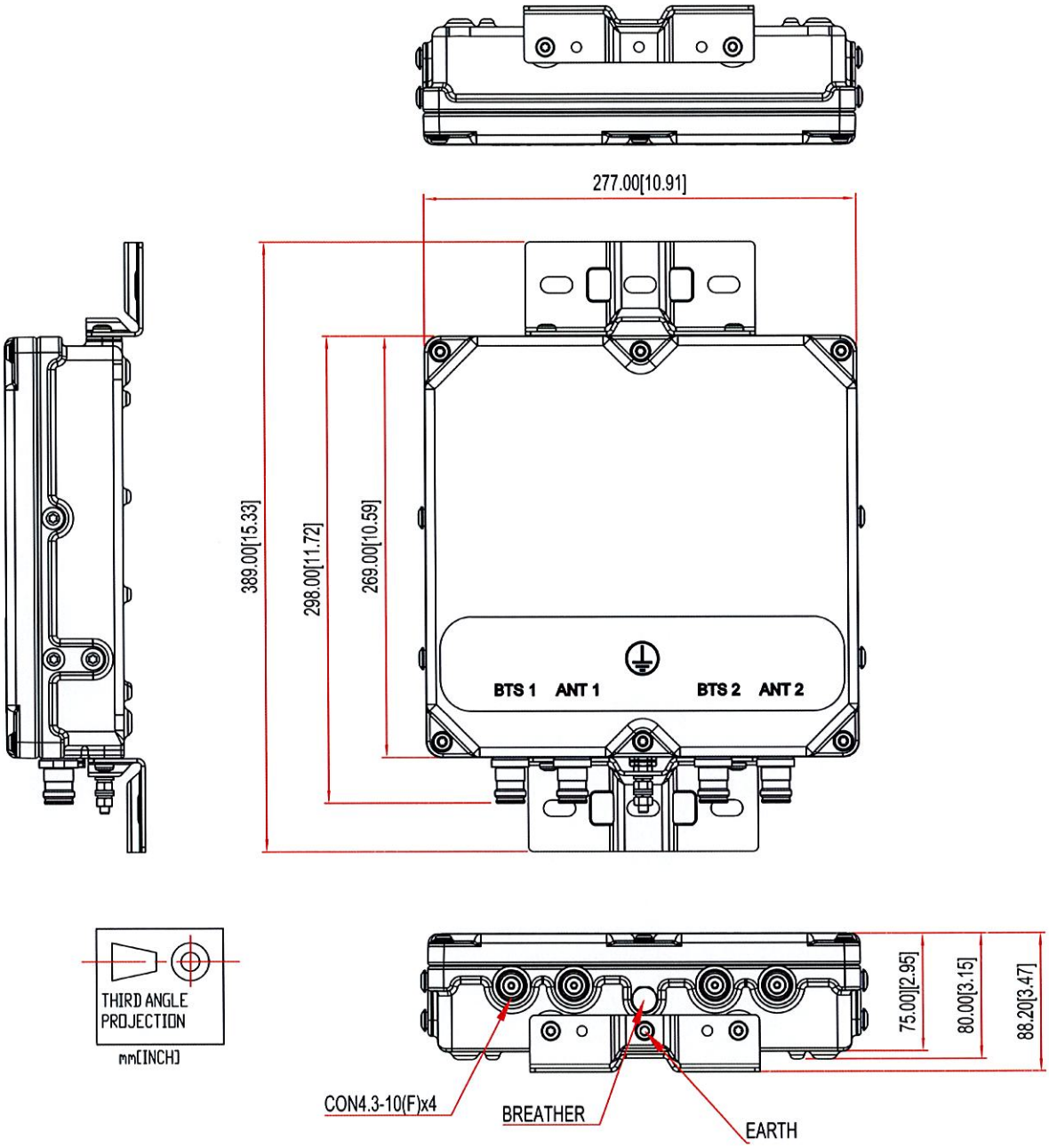
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

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

ELECTRICAL BLOCK DIAGRAM



MECHANICAL BLOCK DIAGRAM



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

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Wednesday, April 3, 2024 12:19 PM
To: Barbadora, Jeff
Subject: FedEx Shipment 775788274491: Your package has been delivered

Hi. Your package was delivered Wed, 04/03/2024 at 12:11pm.

Delivered to 866 BOSTON POST RD, WESTBROOK, CT 06498
Received by J.BRAINARD

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775788274491
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Westbrook John Hall, First Selectman 866 Boston Post Road WESTBROOK, CT, US, 06498
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Tue 4/02/2024 05:48 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	WESTBROOK, CT, US, 06498
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Wednesday, April 3, 2024 12:18 PM
To: Barbadora, Jeff
Subject: FedEx Shipment 775788294130: Your package has been delivered

Hi. Your package was delivered Wed, 04/03/2024 at 12:09pm.

Delivered to 866 BOSTON POST RD, WESTBROOK, CT 06498
Received by S.ANGELINI

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775788294130
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Westbrook Peter Gillespie, Town Planner 866 Boston Post Road WESTBROOK, CT, US, 06498
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Tue 4/02/2024 05:48 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	WESTBROOK, CT, US, 06498
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

USPS Tracking®

FAQs >

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Get the free Informed Delivery® feature to receive automated notifications on your packages

Learn More (https://reg.usps.com/xsell?app=UspsTools&ref=homepageBanner&appURL=https%3A%2F%2Finformeddelivery.usps.com/box/pages/intro/start.action)

Remove ×

Tracking Number:

EI945462020US

Copy Add to Informed Delivery (https://informeddelivery.usps.com/)

Scheduled Delivery by

SATURDAY

6 April 2024 ⓘ by **6:00pm** ⓘ

Your item has been delivered and is available at a PO Box at 10:55 am on April 5, 2024 in WESTBROOK, CT 06498.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered
Delivered, PO Box
WESTBROOK, CT 06498
April 5, 2024, 10:55 am

See All Tracking History

What Do USPS Tracking Statuses Mean? (https://faq.usps.com/s/article/Where-is-my-package)

Text & Email Updates ⌄

Proof of Delivery ⌄

USPS Tracking Plus® ⌄

Product Information ⌄

See Less ^

Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

FAQs

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206818
Colliers Engineering & Design CT. P.C. Project #: 23777120

July 11, 2023

Site Information	*Site ID:*	*5000245119-VZW / WESTBROOK NE CT*
	Site Name:	*WESTBROOK NE CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*798 Toby Hill Road* *Westbrook, Connecticut 06498* *Middlesex County*
	Latitude:	*41.320194°*
	Longitude:	*-72.442278°*
Structure Information	*Tower Type:*	*142-Ft Monopole*
	Mount Type:	*13.33-Ft Platform*

FUZE ID # 17123845

Analysis Results

Platform: **92.0% 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

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED PROFESSIONAL ENGINEER

07/11/2023

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: 626815, dated May 18, 2022*
Mount Mapping Report	*Hudson Design Group, LLC., Site ID: 468771, dated June 6, 2022*
Previous Mount Analysis Report	*Maser Consulting Connecticut, Project #: 22777110, dated April 28, 2023*
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}:	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.995
Seismic Parameters:	S_S:	0.204 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
139.25	140.00	6	JMA Wireless	MX06FRO660-03	Retained
		3	Samsung	MT6407-77A	
		2	Andrew	DB846F65ZAXY	
		4	Decibel	DB846H80E-SX	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	RVZDC-6627-PF-48	
		2	KAelus	BSF0020F3V1-1	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:
   - Channel, Solid Round, Angle, Plate — ASTM A36 (Gr. 36)
   - HSS (Rectangular) — ASTM 500 (Gr. B-46)
   - Pipe — ASTM A53 (Gr. B-35)
   - Threaded Rod — F1554 (Gr. 36)
   - Bolts — ASTM A325

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	*40.7 %*	*Pass*
Platform Crossmember	*92.0 %*	*Pass*
Corner Plate	*28.8 %*	*Pass*
Grating Support	*28.9 %*	*Pass*
Cross Arm Plate	*50.2 %*	*Pass*
Face Horizontal	*11.5 %*	*Pass*
Mount Pipe	*22.6 %*	*Pass*
Mount Pipe P2.5	*21.1 %*	*Pass*
MOD Support Rail	*14.5 %*	*Pass*
MOD Support Rail Corner	*29.8 %*	*Pass*
Connection Check	*85.9 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**92.0%**

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	26.0	26.0	40.8	40.8
0.5	33.6	33.6	54.2	54.2
1	40.7	40.7	67.2	67.2

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.

Contractor shall verify modifications detailed in Construction Drawings by Colliers Engineering & Design CT. P.C. dated April 28, 2023 have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications**.

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 #: 5000245119 SMART Project #: 10206818 Fuze Project ID: 17123845

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:

Contractor shall verify modifications detailed in Construction Drawings by Colliers Engineering & Design CT. P.C. dated April 28, 2023 have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications**.

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:	

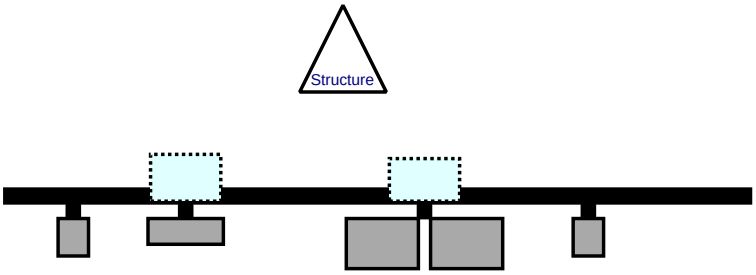
Structure: 5000245119-VZW - WESTBROOK NE CT

Sector: **A** 7/11/2023

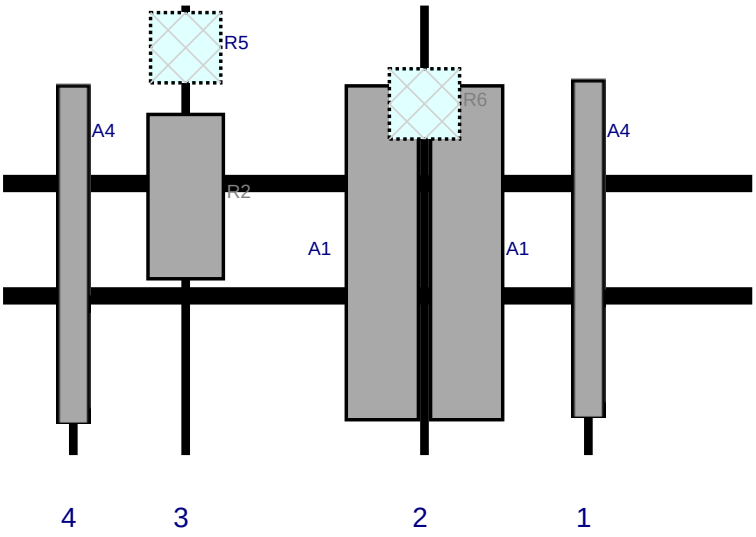
Structure Type: Monopole 10206818

Mount Elev: 139.25 Page: 1

Plan View

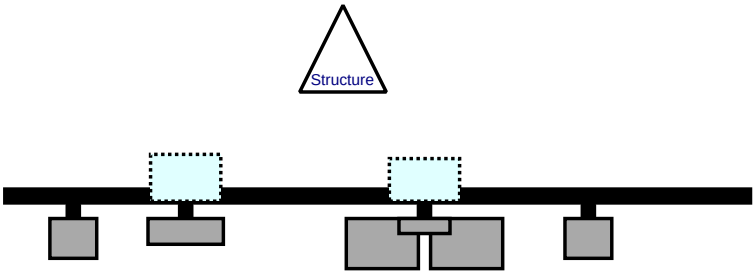


Front View - Looking at Structure

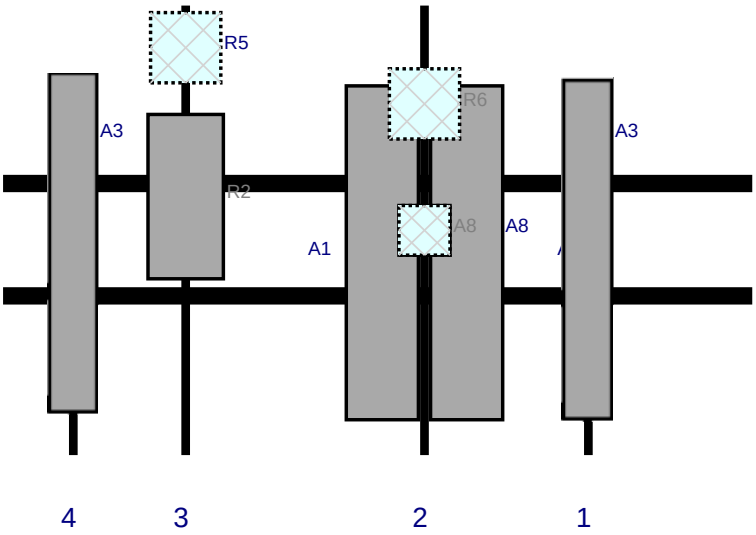


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	DB846H80E-SX	72	6.5	125	1	a	Front	27.6	0	Retained	06/06/2022
A1	MX06FRO660-03	71.3	15.4	90	2	a	Front	52.8	-9	Added	
A1	MX06FRO660-03	71.3	15.4	90	2	b	Front	52.8	9	Added	
R6	RF4440d-13A	15	15	90	2	a	Behind	21	0	Added	
R2	MT6407-77A	35.1	16.1	39	3	a	Front	40.8	0	Added	
R5	RF4439d-25A	15	15	39	3	a	Behind	9	0	Added	
A4	DB846H80E-SX	72	6.5	15	4	a	Front	27.6	0	Retained	06/06/2022
OVP	RVZDC-6627-PF-48	29.5	16.5		Member					Added	

Plan View

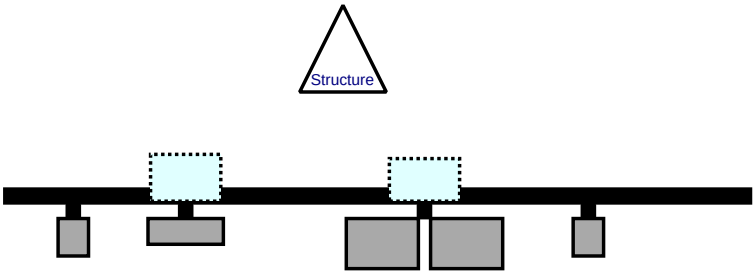


Front View - Looking at Structure

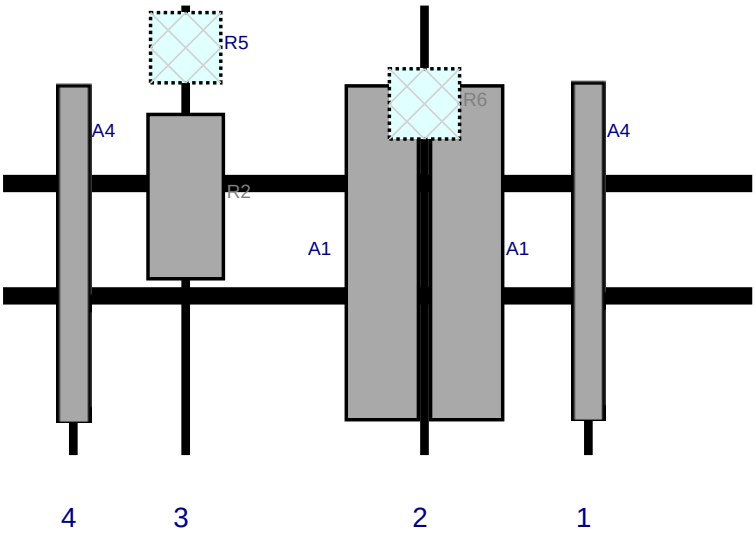


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A3	DB846F65ZAXY	72	10	125	1	a	Front	27.6	0	Retained	06/06/2022
A1	MX06FRO660-03	71.3	15.4	90	2	a	Front	52.8	-9	Added	
A1	MX06FRO660-03	71.3	15.4	90	2	b	Front	52.8	9	Added	
R6	RF4440d-13A	15	15	90	2	a	Behind	21	0	Added	
A8	BSF0020F3V1-1	10.6	10.9	90	2	a	Front	48	0	Added	
A8	BSF0020F3V1-1	10.6	10.9	90	2	b	Behind	48	0	Added	
R2	MT6407-77A	35.1	16.1	39	3	a	Front	40.8	0	Added	
R5	RF4439d-25A	15	15	39	3	a	Behind	9	0	Added	
A3	DB846F65ZAXY	72	10	15	4	a	Front	27.6	0	Retained	06/06/2022

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	DB846H80E-SX	72	6.5	125	1	a	Front	27.6	0	Retained	06/06/2022
A1	MX06FRO660-03	71.3	15.4	90	2	a	Front	52.8	-9	Added	
A1	MX06FRO660-03	71.3	15.4	90	2	b	Front	52.8	9	Added	
R6	RF4440d-13A	15	15	90	2	a	Behind	21	0	Added	
R2	MT6407-77A	35.1	16.1	39	3	a	Front	40.8	0	Added	
R5	RF4439d-25A	15	15	39	3	a	Behind	9	0	Added	
A4	DB846H80E-SX	72	6.5	15	4	a	Front	27.6	0	Retained	06/06/2022


05/06/2022

V4.1 Updated on 12-17-2021

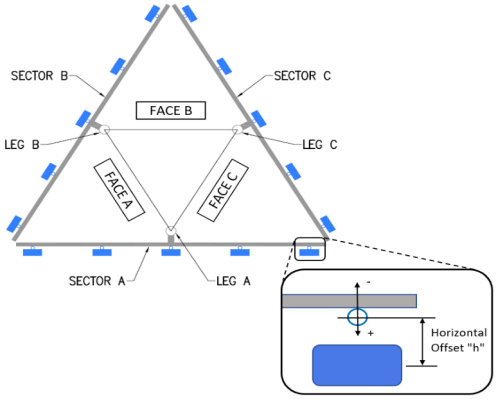
Antenna Mount Mapping Form (PATENT PENDING)

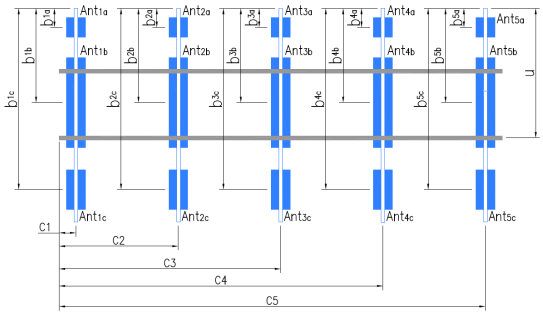
Colliers Engineering & Design

Tower Owner:		**Mapping Date:**	6/6/2022
Site Name:	WESTBROOK NE CT	**Tower Type:**	Monopole
Site Number or ID:	468771	**Tower Height (Ft.):**	
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	141.5

FCC #

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





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2.375"Ø x .125 WALL X 72" LONG	38.00	25.00	C1	2.375"Ø x .125 WALL X 72" LONG	38.00	25.00
A2	2.375"Ø x .125 WALL X 72" LONG	38.00	50.00	C2	2.375"Ø x .125 WALL X 72" LONG	38.00	50.00
A3	2.375"Ø x .125 WALL X 72" LONG	38.00	111.00	C3	2.375"Ø x .125 WALL X 72" LONG	38.00	111.00
A4	2.375"Ø x .125 WALL X 72" LONG	38.00	135.00	C4	2.375"Ø x .125 WALL X 72" LONG	38.00	135.00
A5				C5			
A6				C6			
B1	2.375"Ø x .125 WALL X 72" LONG	38.00	25.00	D1			
B2	2.375"Ø x .125 WALL X 72" LONG	38.00	50.00	D2			
B3	2.375"Ø x .125 WALL X 72" LONG	38.00	111.00	D3			
B4	2.375"Ø x .125 WALL X 72" LONG	38.00	135.00	D4			
B5				D5			
B6				D6			

Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	3
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	1

Please enter additional infomation or comments below.

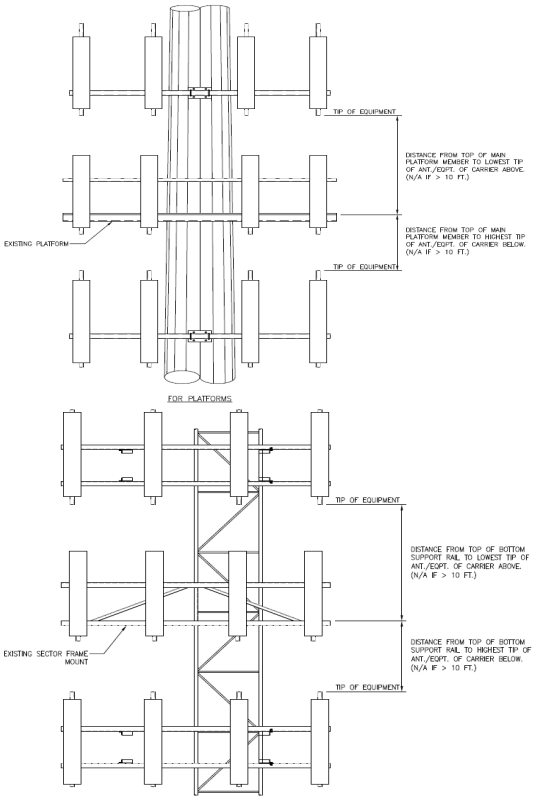
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	14

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	ANDREW ANTENNA	6.50	8.25	72.25		141.75	35.00	8.00	5.00	7,53,94
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-185063/12CF E-D	6.00	4.00	72.50		141.75	35.00	7.00	5.00	8,54,95
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	BXA-70063/6CF E-DIN	11.00	5.25	71.00		141.75	35.00	10.00	5.00	9,55,96
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	ANDREW ANTENNA	6.50	8.25	72.25		141.75	35.00	8.00	5.00	10,56,97
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	0.00	Deg	Leg A:		Deg
Sector B:	120.00	Deg	Leg B:		Deg
Sector C:	240.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	350.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		N/A

Please insert a photo of the mount centerline measurement here.



Sector B										
Ant_{1a}										
Ant_{1b}	ANDREW ANTENNA	6.50	8.25	72.25		141.75	35.00	8.00	120.00	15,53,99
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-185063/12CF E-D	6.00	4.00	72.50		141.75	35.00	7.00	120.00	16,54,100
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	BXA-70063/6CF E-DIN	11.00	5.25	71.00		141.75	35.00	10.00	120.00	17,55,101
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	ANDREW ANTENNA	6.50	8.25	72.25		141.75	35.00	8.00	120.00	18,56,102
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	ANDREW ANTENNA	6.50	8.25	72.25		141.75	35.00	8.00	280.00	21,53,104
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	BXA-185063/12CF E-D	6.00	4.00	72.50		141.75	35.00	7.00	280.00	22,54,105
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	BXA-70063/6CF E-DIN	11.00	5.25	71.00		141.75	35.00	10.00	280.00	23,55,106
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	ANDREW ANTENNA	6.50	8.25	72.25		141.75	35.00	8.00	280.00	25,56,107
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	SAFETY CLIMB CABLE REPLACED WITH STEP BOLT ANCHOR BRACKETS	35,36
2		
3		
4		
5		
6		
7		
8		

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

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

V4.1 Updated on 12-17-2021

SMART Tool© Vendor

Antenna Mount Mapping Form (PATENT PENDING)

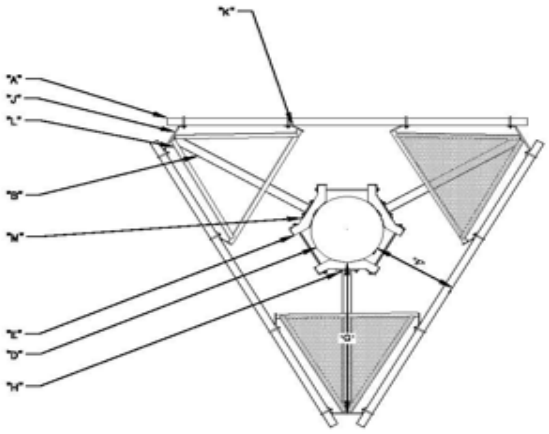
FCC #

Tower Owner:		**Mapping Date:**	6/6/2022
Site Name:	WESTBROOK NE CT	**Tower Type:**	Monopole
Site Number or ID:	468771	**Tower Height (Ft.):**	
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	141.5

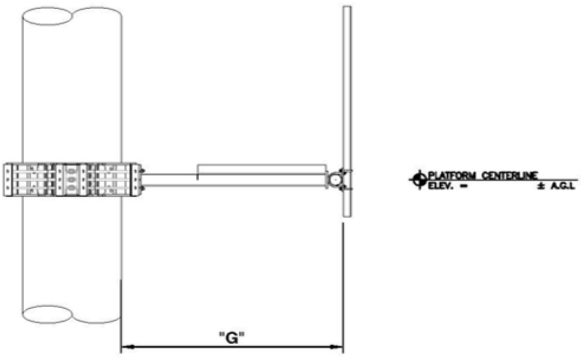
Please Insert Sketches of the Antenna Mount

DESCRIPTION	STATUS	Value
A: FACE PIPE CONFIG.	☐	ROUND MAST
SIZE		3-1/2"
LENGTH		160"
B: STAND OFF SIZE	☐	4x4
C: ANTENNA PIPE MAST	☐	1/8"
DIA.		2-3/8"
LENGTH		72"
D: MONOPOLE DIA.	☐	14"
E: RINGMOUNT	☐	10-7/8"x 3/8"
F: TOWER TO FACE	☐	39"
G: TOWER TO APEX	☐	68.5"
H: HARDWARE	☐	5/8"Ø
I: U-BOLTS	☐	1/2"Ø
J: A PLATE	☐	6"x 12.5"x 3.5"x 3/8"
K: B PLATE	☐	6"x 5.5"x 3.5"x 3/8"
L: ANGLE	☐	2"X2"X3/16"
M: MOUNTING PLATE	☐	10"x 10"x 1/2"
N: ALPHA POS 1	☐	6.5"x 8.25"x 72.25"
ALPHA POS 2	☐	6"-4"-72.5"
ALPHA POS 3	☐	11"-5.25"-71"
ALPHA POS 4	☐	6.5"x 8.25"x 72.25"
ALPHA POS 5		N/A
O: BETA POS 1	☐	9.5"x 8.5"x 72.25"
BETA POS 2	☐	6"-4"-72.5"
BETA POS 3	☐	11"-5.25"-71"
BETA POS 4	☐	9.5"x 8.5"x 72.25"
BETA POS 5		N/A
P: GAMMA POS 1	☐	6.5"x 8.25"x 72.25"
GAMMA POS 2	☐	6"-4"-72.5"
GAMMA POS 3	☐	11"-5.25"-71"
GAMMA POS 4	☐	6.5"x 8.25"x 72.25"
GAMMA POS 5		N/A
Q: TMA	☐	N/A
R: RADIOS	☐	N/A
S: SURGE	☐	N/A
T: SECOND MOUNT	☐	N/A
COMMENTS:		

Legend



PLAN

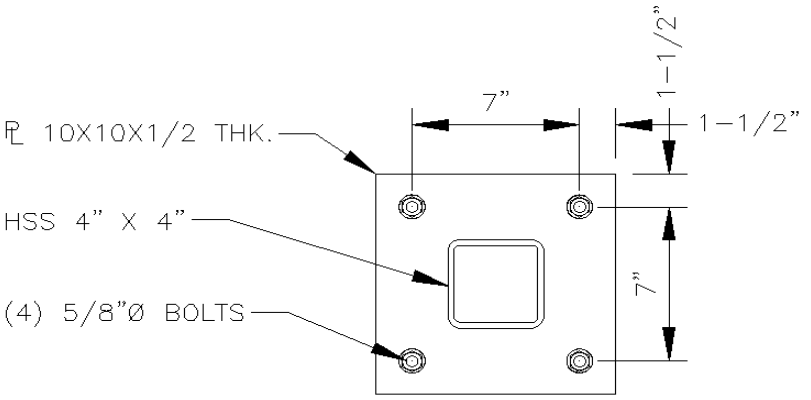


ELEVATION

FACE SKETCH

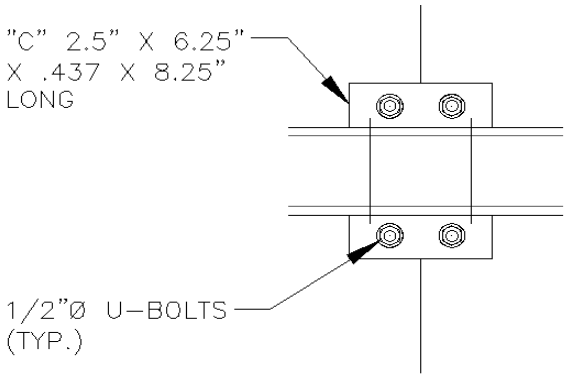
All #2 BXA-185063/12CF, All #3 BXA-70063/6CF, All "U" 38", All CL 35", "H" 8-7-10-8, C1 25", C2 50", C3 111", C4 135". Mount CL: 141' 5" See pic 108. 8' up from MCL, 3' down from MCL

Please Insert Sketches of the Antenna Mount, cont'd

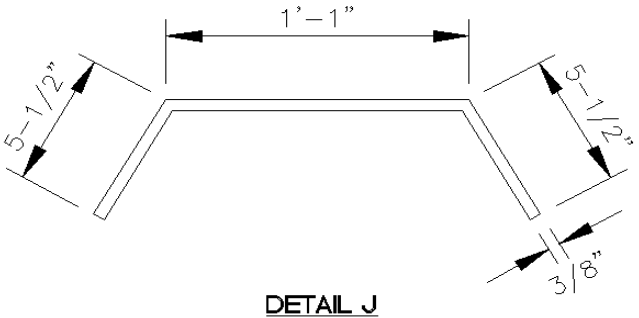


STANDOFF TO RING MOUNT CONNECTION

DETAIL M

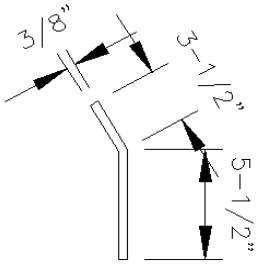


CROSSOVER PLATE DETAIL



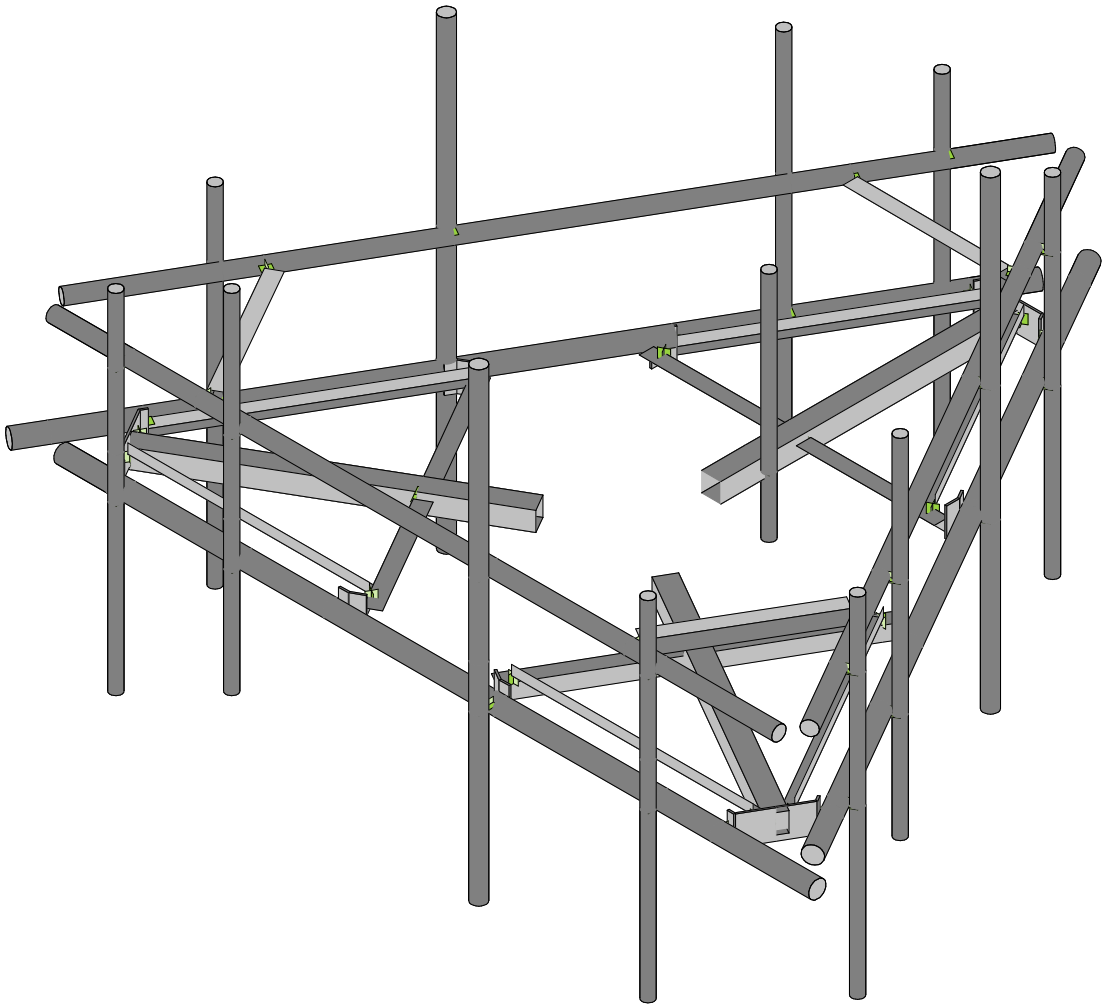
DETAIL J

APEX "A" PLATE DETAIL



DETAIL K

"B" PLATE DETAIL



Envelope Only Solution

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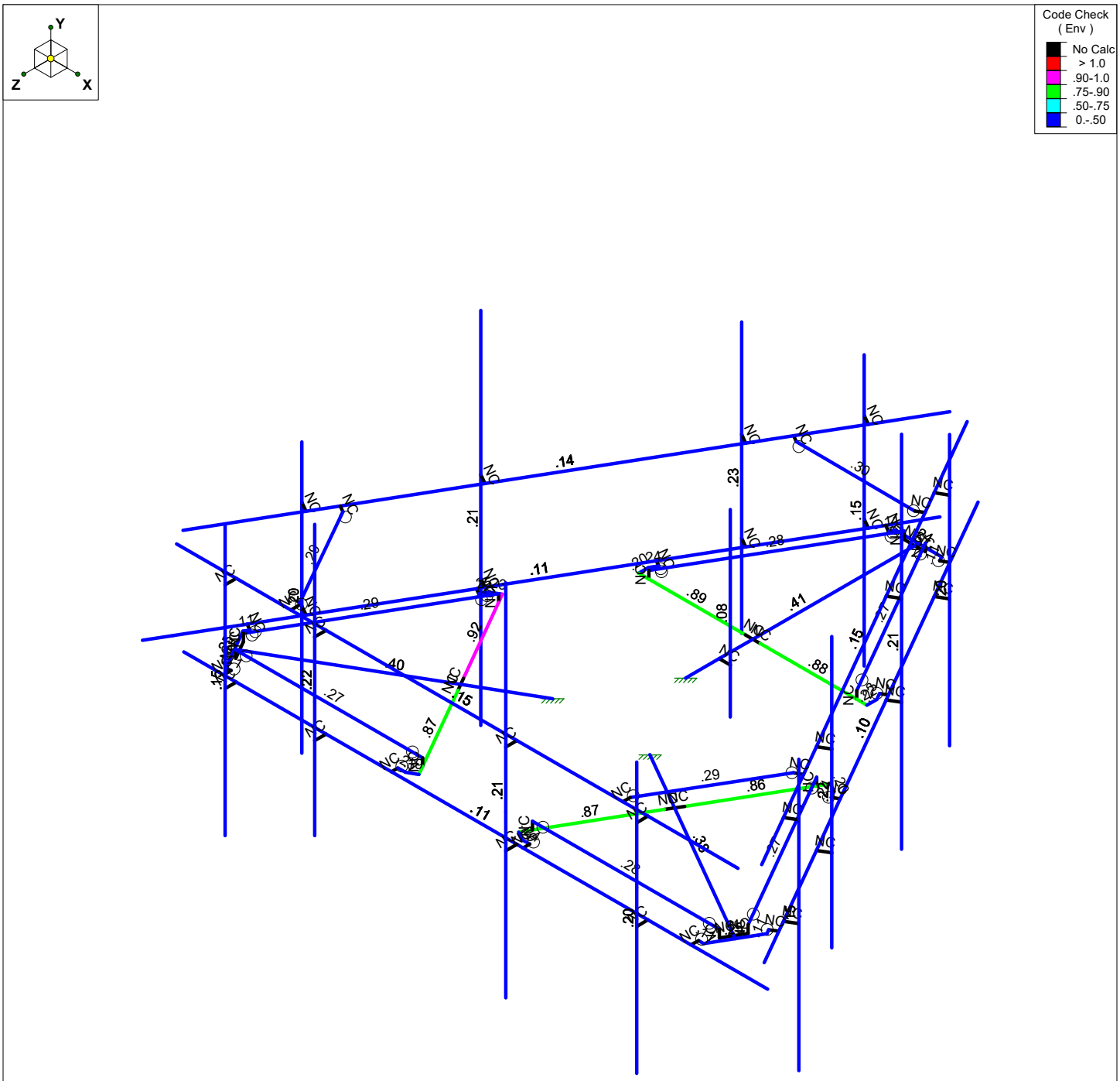
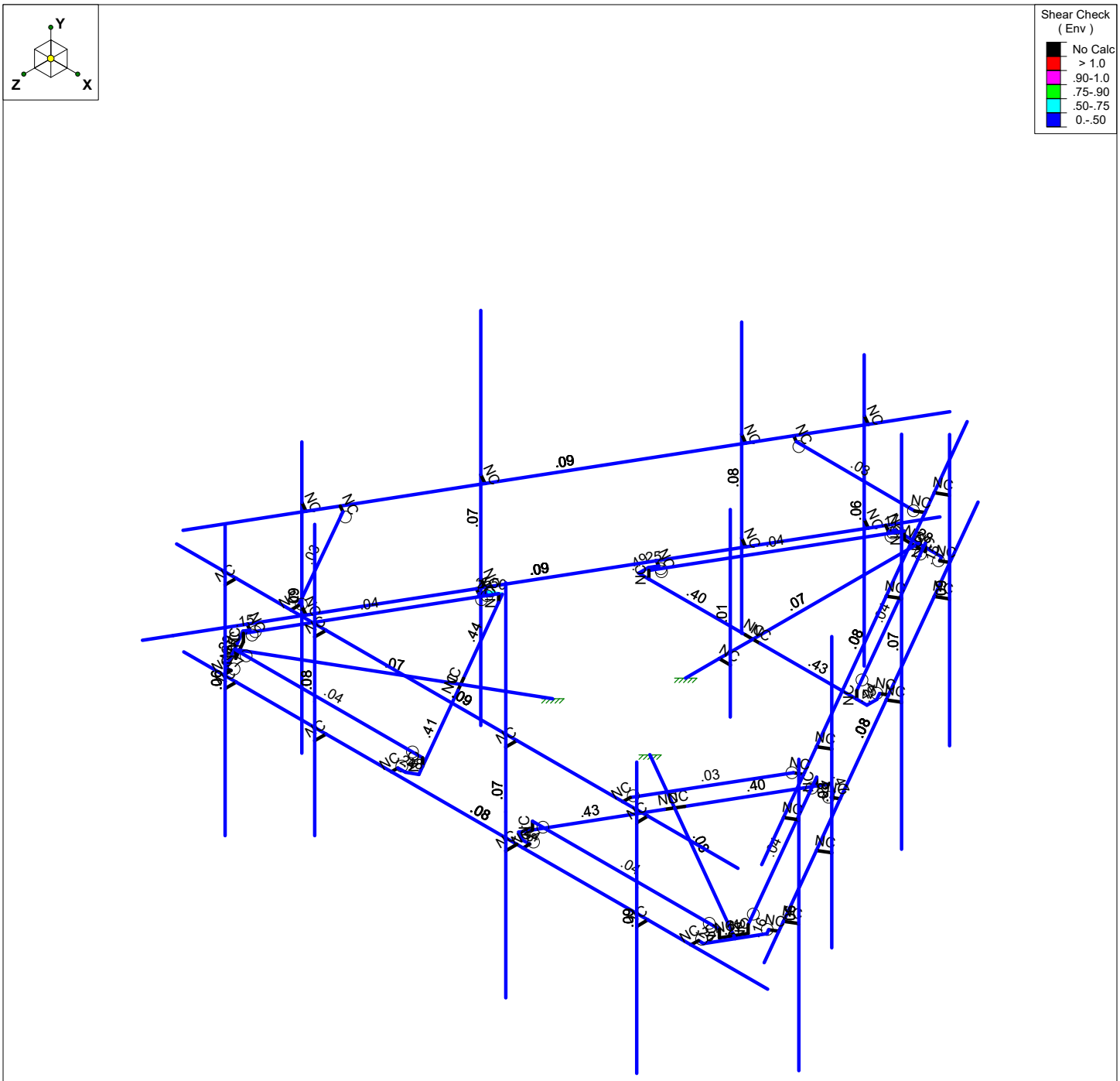
		July 7, 2023 at 5:09 PM
		5000245119-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		July 7, 2023 at 5:10 PM
		5000245119-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
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		5000245119-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					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 Deg)	None					117			
32	Antenna Wm (150 Deg)	None					117			
33	Antenna Wm (180 Deg)	None					117			
34	Antenna Wm (210 Deg)	None					117			
35	Antenna Wm (240 Deg)	None					117			
36	Antenna Wm (270 Deg)	None					117			
37	Antenna Wm (300 Deg)	None					117			
38	Antenna Wm (330 Deg)	None					117			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 Deg)	None						116		
46	Structure Wo (150 Deg)	None						116		
47	Structure Wo (180 Deg)	None						116		
48	Structure Wo (210 Deg)	None						116		
49	Structure Wo (240 Deg)	None						116		
50	Structure Wo (270 Deg)	None						116		
51	Structure Wo (300 Deg)	None						116		
52	Structure Wo (330 Deg)	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		
57	Structure Wi (120 Deg)	None						116		
58	Structure Wi (150 Deg)	None						116		

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						116		
60	Structure Wi (210 Deg)	None						116		
61	Structure Wi (240 Deg)	None						116		
62	Structure Wi (270 Deg)	None						116		
63	Structure Wi (300 Deg)	None						116		
64	Structure Wi (330 Deg)	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 Deg)	None						116		
67	Structure Wm (60 Deg)	None						116		
68	Structure Wm (90 Deg)	None						116		
69	Structure Wm (120 Deg)	None						116		
70	Structure Wm (150 Deg)	None						116		
71	Structure Wm (180 Deg)	None						116		
72	Structure Wm (210 Deg)	None						116		
73	Structure Wm (240 Deg)	None						116		
74	Structure Wm (270 Deg)	None						116		
75	Structure Wm (300 Deg)	None						116		
76	Structure Wm (330 Deg)	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY		-.044					3	
85	Structure Eh (0 Deg)	ELZ			-.109				3	
86	Structure Eh (90 Deg)	ELX	.109						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...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
1	1.2D+1.0Wo (0 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)

	Description	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
22	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
57	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0Ev + 1.0Eh ...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0Ev + 1.0Eh (...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N7	0	0	0.	0	
2	N30	-0.	0	-1.25	0	
3	N31	-2.541667	0	-2.75	0	
4	N32	2.315104	0.166667	-2.75	0	
5	N33	-2.315104	0.166667	-2.75	0	
6	N34	-0.	0	-2.75	0	
7	N35	-0.	0	-6.4375	0	
8	N36	2.315104	0	-2.75	0	
9	N37	-2.315104	0	-2.75	0	
10	N38	2.541667	0	-2.75	0	
11	N39	-0.166667	0	-2.75	0	
12	N40	0.166667	0	-2.75	0	
13	N41	-2.541667	0	-2.96875	0	
14	N42	2.541667	0	-2.96875	0	
15	N43	2.458333	0	-3.113088	0	
16	N44	0.571615	0	-6.340523	0	
17	N45	-2.458333	0	-3.113088	0	
18	N46	-0.571615	0	-6.340523	0	
19	N47	2.584629	0	-3.186004	0	
20	N48	-2.584629	0	-3.186004	0	
21	N49	-0.515625	0	-6.4375	0	
22	N50	0.515625	0	-6.4375	0	
23	N51	0.715429	0	-6.423554	0	
24	N52	-0.715429	0	-6.423554	0	
25	N53	-0.	0	-6.354167	0	
26	N54	0.234238	0.166667	-6.354167	0	
27	N55	0.234238	0	-6.354167	0	
28	N56	-0.234238	0.166667	-6.354167	0	
29	N57	-0.234238	0	-6.354167	0	
30	N86	6.910589	0	3.831357	0	
31	N87	-6.089411	0	3.831357	0	
32	N92	4.243922	0	3.831357	0	
33	N93	4.243922	0	4.081357	0	
34	N94	4.243922	3.166667	4.081357	0	
35	N95	4.243922	-2.833333	4.081357	0	
36	N96	1.327255	0	3.831357	0	
37	N97	1.327255	0	4.081357	0	
38	N98	1.327255	5.166667	4.081357	0	
39	N99	1.327255	-2.833333	4.081357	0	
40	N100	-2.922745	0	3.831357	0	
41	N101	-2.922745	0	4.081357	0	
42	N102	-2.922745	4.166667	4.081357	0	
43	N103	-2.922745	-1.833333	4.081357	0	
44	N104	-4.922745	0	3.831357	0	
45	N105	-4.922745	0	4.081357	0	
46	N106	-4.922745	3.166667	4.081357	0	
47	N107	-4.922745	-2.833333	4.081357	0	
48	N142	-0.	0	-2.	0	
49	N143	0.25	0	-2.	0	
50	N144	0.25	3	-2.	0	
51	N145	0.25	-1	-2.	0	
52	N57A	-1.082532	0	0.625	0	
53	N58	-1.110737	0	3.576148	0	
54	N59	-3.539122	0.166667	-0.629939	0	
55	N60	-1.224018	0.166667	3.379939	0	
56	N61	-2.38157	0	1.375	0	
57	N62	-5.575039	0	3.21875	0	
58	N63	-3.539122	0	-0.629939	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N64	-1.224018	0	3.379939	0	
60	N65	-3.652403	0	-0.826148	0	
61	N66	-2.298237	0	1.519338	0	
62	N67	-2.464903	0	1.230662	0	
63	N68	-1.30018	0	3.685523	0	
64	N69	-3.841846	0	-0.716773	0	
65	N70	-3.92518	0	-0.572435	0	
66	N71	-5.776861	0	2.675229	0	
67	N72	-1.466846	0	3.685523	0	
68	N73	-5.205247	0	3.665294	0	
69	N74	-4.051475	0	-0.645352	0	
70	N75	-1.466846	0	3.831357	0	
71	N76A	-5.317226	0	3.665294	0	
72	N77	-5.832851	0	2.772206	0	
73	N78	-5.920676	0	2.592198	0	
74	N79	-5.205247	0	3.831357	0	
75	N80A	-5.50287	0	3.177083	0	
76	N81	-5.619989	0.166667	2.974228	0	
77	N82	-5.619989	0	2.974228	0	
78	N83	-5.385751	0.166667	3.379939	0	
79	N84	-5.385751	0	3.379939	0	
80	N90	1.082532	0	0.625	0	
81	N91	3.652403	0	-0.826148	0	
82	N92A	1.224018	0.166667	3.379939	0	
83	N93A	3.539122	0.166667	-0.629939	0	
84	N94A	2.38157	0	1.375	0	
85	N95A	5.575039	0	3.21875	0	
86	N96A	1.224018	0	3.379939	0	
87	N97A	3.539122	0	-0.629939	0	
88	N98A	1.110737	0	3.576148	0	
89	N99A	2.464903	0	1.230662	0	
90	N100A	2.298237	0	1.519338	0	
91	N101A	3.841846	0	-0.716773	0	
92	N102A	1.30018	0	3.685523	0	
93	N103A	1.466846	0	3.685523	0	
94	N104A	5.205247	0	3.665294	0	
95	N105A	3.92518	0	-0.572435	0	
96	N106A	5.776861	0	2.675229	0	
97	N107A	1.466846	0	3.831357	0	
98	N108	4.051475	0	-0.645352	0	
99	N109	5.832851	0	2.772206	0	
100	N110	5.317226	0	3.665294	0	
101	N111	5.205247	0	3.831357	0	
102	N112	5.920676	0	2.592198	0	
103	N113	5.50287	0	3.177083	0	
104	N114	5.385751	0.166667	3.379939	0	
105	N115	5.385751	0	3.379939	0	
106	N116	5.619989	0.166667	2.974228	0	
107	N117	5.619989	0	2.974228	0	
108	N119A	1.196091	0	-5.591023	0	
109	N120A	1.412597	0	-5.716023	0	
110	N121A	1.412597	3.166667	-5.716023	0	
111	N122	1.412597	-2.833333	-5.716023	0	
112	N123	2.654424	0	-3.065115	0	
113	N124	2.870931	0	-3.190115	0	
114	N125	2.870931	5.166667	-3.190115	0	
115	N126	2.870931	-2.833333	-3.190115	0	
116	N127	4.779424	0	0.615493	0	
117	N128	4.995931	0	0.490493	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N129	4.995931	4.166667	0.490493	0	
119	N130	4.995931	-1.833333	0.490493	0	
120	N131	5.779424	0	2.347544	0	
121	N132	5.995931	0	2.222544	0	
122	N133	5.995931	3.166667	2.222544	0	
123	N134	5.995931	-2.833333	2.222544	0	
124	N138	-5.440013	0	1.759666	0	
125	N139	-5.656519	0	1.634666	0	
126	N140	-5.656519	3.166667	1.634666	0	
127	N141	-5.656519	-2.833333	1.634666	0	
128	N142A	-3.98168	0	-0.766241	0	
129	N143A	-4.198186	0	-0.891241	0	
130	N144A	-4.198186	5.166667	-0.891241	0	
131	N145A	-4.198186	-2.833333	-0.891241	0	
132	N146	-1.85668	0	-4.446849	0	
133	N147	-2.073186	0	-4.571849	0	
134	N148	-2.073186	4.166667	-4.571849	0	
135	N149	-2.073186	-1.833333	-4.571849	0	
136	N150	-0.85668	0	-6.1789	0	
137	N151	-1.073186	0	-6.3039	0	
138	N152	-1.073186	3.166667	-6.3039	0	
139	N153	-1.073186	-2.833333	-6.3039	0	
140	N141A	0.112758	0	-7.467411	0	
141	N142B	6.362758	0	3.357907	0	
142	N144B	-6.523346	0	3.636054	0	
143	N145B	-0.273346	0	-7.189263	0	
144	N150A	6.250001	2	3.831357	0	
145	N151B	-6.249999	2	3.831357	0	
146	N152A	4.243922	2	3.831357	0	
147	N153A	4.243922	2	4.081357	0	
148	N154	1.327255	2	3.831357	0	
149	N155A	1.327255	2	4.081357	0	
150	N156	-2.922745	2	3.831357	0	
151	N157	-2.922745	2	4.081357	0	
152	N158	-4.922745	2	3.831357	0	
153	N159	-4.922745	2	4.081357	0	
154	N160	-3.705247	2	3.665294	0	
155	N161	-3.705247	2	3.831357	0	
156	N162	3.685247	2	3.665294	0	
157	N165	3.685247	2	3.831357	0	
158	N169	1.196091	2	-5.591023	0	
159	N170	1.412597	2	-5.716023	0	
160	N171	2.654424	2	-3.065115	0	
161	N172	2.870931	2	-3.190115	0	
162	N173	4.779424	2	0.615493	0	
163	N174	4.995931	2	0.490493	0	
164	N175	5.779424	2	2.347544	0	
165	N176	5.995931	2	2.222544	0	
166	N186	-5.440013	2	1.759666	0	
167	N187	-5.656519	2	1.634666	0	
168	N188	-3.98168	2	-0.766241	0	
169	N189	-4.198186	2	-0.891241	0	
170	N190	-1.85668	2	-4.446849	0	
171	N191	-2.073186	2	-4.571849	0	
172	N192	-0.85668	2	-6.1789	0	
173	N193	-1.073186	2	-6.3039	0	
174	N193B	0.193052	2	-7.328338	0	
175	N194A	6.443052	2	3.496979	0	
176	N196A	-6.443053	2	3.496981	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N197A	-0.193053	2	-7.328336	0	
178	N193A	-0.137242	0	-7.900424	0	
179	N195A	-6.773346	0	4.069067	0	
180	N187A	5.026861	2	1.376191	0	
181	N188A	5.170676	2	1.29316	0	
182	N189A	1.331615	2	-5.024165	0	
183	N190A	1.475429	2	-5.107196	0	
184	N192A	-1.321615	2	-5.041485	0	
185	N193C	-1.465429	2	-5.124516	0	
186	N194	-5.016861	2	1.35887	0	
187	N195	-5.160676	2	1.275839	0	
188	N188B	4.243922	.75	4.081357	0	
189	N189B	1.327255	.75	4.081357	0	
190	N190B	-2.922745	.75	4.081357	0	
191	N191A	-4.922745	.75	4.081357	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL3/8x6	Beam	BAR	A36 Gr.36	Typical	2.25	.026	6.75	.101
4	Platform Crossme...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Mount Pipe P2.5	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Platform Crossme...	HSS4X4X4	Beam	Single Angle	A36 Gr.36	Typical	3.37	7.8	7.8	12.8
10	Kicker	LL3x3x3/16	Column	Double Angle (N...	A36 Gr.36	Typical	2.18	3.387	1.923	.025
11	MOD Support Rail	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
12	MOD Support Rail ...	L3X3X4	Column	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

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	M25	N30	N35			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
2	M26	N38	N40		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
3	M27	N39	N31		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
4	M28	N49	N50			Corner Plate	Beam	BAR	A36 Gr.36	Typical
5	M29	N33	N37		240	RIGID	None	None	RIGID	Typical
6	M30	N32	N36		240	RIGID	None	None	RIGID	Typical
7	M31	N54	N32			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M32	N33	N56			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M33	N56	N57		240	RIGID	None	None	RIGID	Typical
10	M34	N39	N34			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
11	M35	N34	N40			RIGID	None	None	RIGID	Typical
12	M36	N38	N42			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M37	N42	N43			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M38	N43	N47			RIGID	None	None	RIGID	Typical
15	M39	N50	N44			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M40	N44	N51			RIGID	None	None	RIGID	Typical
17	M41	N31	N41			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M42	N41	N45			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M43	N45	N48			RIGID	None	None	RIGID	Typical
20	M44	N49	N46			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M45	N46	N52			RIGID	None	None	RIGID	Typical
22	M46	N57	N53			RIGID	None	None	RIGID	Typical
23	M47	N53	N55			RIGID	None	None	RIGID	Typical
24	M48	N54	N55		240	RIGID	None	None	RIGID	Typical
25	M73	N86	N87			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
26	M76	N92	N93			RIGID	None	None	RIGID	Typical
27	MP1A	N94	N95			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
28	M78	N96	N97			RIGID	None	None	RIGID	Typical
29	MP2A	N98	N99			Mount Pipe P2...	Column	Pipe	A53 Gr.B	Typical
30	M80	N100	N101			RIGID	None	None	RIGID	Typical
31	MP3A	N102	N103			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
32	M82	N104	N105			RIGID	None	None	RIGID	Typical
33	MP4A	N106	N107			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
34	M101	N142	N143			RIGID	None	None	RIGID	Typical
35	OVP	N144	N145			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
36	M36A	N57A	N62			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
37	M37A	N65	N67		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
38	M38A	N66	N58		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
39	M39A	N76A	N77			Corner Plate	Beam	BAR	A36 Gr.36	Typical
40	M40A	N60	N64		120	RIGID	None	None	RIGID	Typical
41	M41A	N59	N63		120	RIGID	None	None	RIGID	Typical
42	M42A	N81	N59			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
43	M43A	N60	N83			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
44	M44A	N83	N84		120	RIGID	None	None	RIGID	Typical
45	M45A	N66	N61			RIGID	None	None	RIGID	Typical
46	M46A	N61	N67			RIGID	None	None	RIGID	Typical
47	M47A	N65	N69			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
48	M48A	N69	N70			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
49	M49	N70	N74			RIGID	None	None	RIGID	Typical
50	M50	N77	N71			Corner Plate	Beam	BAR	A36 Gr.36	Typical
51	M51	N71	N78			RIGID	None	None	RIGID	Typical
52	M52	N58	N68			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
53	M53	N68	N72			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
54	M54	N72	N75			RIGID	None	None	RIGID	Typical
55	M55	N76A	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
56	M56	N73	N79			RIGID	None	None	RIGID	Typical
57	M57	N84	N80A			RIGID	None	None	RIGID	Typical
58	M58	N80A	N82			RIGID	None	None	RIGID	Typical
59	M59	N81	N82		120	RIGID	None	None	RIGID	Typical
60	M62	N90	N95A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
61	M63	N98A	N100A		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
62	M64	N99A	N91		180	Platform Cross...	Beam	Single Angle	A36 Gr.36	Typical
63	M65	N109	N110			Corner Plate	Beam	BAR	A36 Gr.36	Typical
64	M66	N93A	N97A		360	RIGID	None	None	RIGID	Typical
65	M67	N92A	N96A		360	RIGID	None	None	RIGID	Typical
66	M68	N114	N92A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
67	M69	N93A	N116			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
68	M70	N116	N117		360	RIGID	None	None	RIGID	Typical
69	M71	N99A	N94A			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
70	M72	N94A	N100A			RIGID	None	None	RIGID	Typical
71	M73A	N98A	N102A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
72	M74	N102A	N103A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
73	M75	N103A	N107A			RIGID	None	None	RIGID	Typical
74	M76A	N110	N104A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
75	M77	N104A	N111			RIGID	None	None	RIGID	Typical
76	M78A	N91	N101A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
77	M79	N101A	N105A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
78	M80A	N105A	N108			RIGID	None	None	RIGID	Typical
79	M81	N109	N106A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
80	M82A	N106A	N112			RIGID	None	None	RIGID	Typical
81	M83	N117	N113			RIGID	None	None	RIGID	Typical
82	M84	N113	N115			RIGID	None	None	RIGID	Typical
83	M85	N114	N115		360	RIGID	None	None	RIGID	Typical
84	M89	N119A	N120A			RIGID	None	None	RIGID	Typical
85	MP1C	N121A	N122		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M91	N123	N124			RIGID	None	None	RIGID	Typical
87	MP2C	N125	N126		240	Mount Pipe P2...	Column	Pipe	A53 Gr.B	Typical
88	M93	N127	N128			RIGID	None	None	RIGID	Typical
89	MP3C	N129	N130		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M95	N131	N132			RIGID	None	None	RIGID	Typical
91	MP4C	N133	N134		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M98	N138	N139			RIGID	None	None	RIGID	Typical
93	MP1B	N140	N141		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M100	N142A	N143A			RIGID	None	None	RIGID	Typical
95	MP2B	N144A	N145A		120	Mount Pipe P2...	Column	Pipe	A53 Gr.B	Typical
96	M102A	N146	N147			RIGID	None	None	RIGID	Typical
97	MP3B	N148	N149		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M104	N150	N151			RIGID	None	None	RIGID	Typical
99	MP4B	N152	N153		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100A	N193A	N142B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
101	M101A	N195A	N145B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
102	M108	N150A	N151B			MOD Support ...	Column	Pipe	A53 Gr.B	Typical
103	M109	N152A	N153A			RIGID	None	None	RIGID	Typical
104	M110	N154	N155A			RIGID	None	None	RIGID	Typical
105	M111	N156	N157			RIGID	None	None	RIGID	Typical
106	M112	N158	N159			RIGID	None	None	RIGID	Typical
107	M113	N160	N161			RIGID	None	None	RIGID	Typical
108	M114	N187A	N162		90	MOD Support ...	Column	Single Angle	A36 Gr.36	Typical
109	M116	N162	N165			RIGID	None	None	RIGID	Typical
110	M118	N169	N170			RIGID	None	None	RIGID	Typical
111	M119	N171	N172			RIGID	None	None	RIGID	Typical
112	M120	N173	N174			RIGID	None	None	RIGID	Typical
113	M121	N175	N176			RIGID	None	None	RIGID	Typical
114	M123	N192A	N189A		90	MOD Support ...	Column	Single Angle	A36 Gr.36	Typical
115	M127	N186	N187			RIGID	None	None	RIGID	Typical
116	M128	N188	N189			RIGID	None	None	RIGID	Typical
117	M129	N190	N191			RIGID	None	None	RIGID	Typical
118	M130	N192	N193			RIGID	None	None	RIGID	Typical
119	M132	N160	N194		90	MOD Support ...	Column	Single Angle	A36 Gr.36	Typical
120	M130A	N193B	N194A			MOD Support ...	Column	Pipe	A53 Gr.B	Typical
121	M131A	N196A	N197A			MOD Support ...	Column	Pipe	A53 Gr.B	Typical
122	M122	N187A	N188A			RIGID	None	None	RIGID	Typical
123	M123A	N189A	N190A			RIGID	None	None	RIGID	Typical
124	M124	N192A	N193C			RIGID	None	None	RIGID	Typical
125	M125	N194	N195			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M25						Yes				None
2	M26						Yes	Default			None
3	M27						Yes	Default			None
4	M28						Yes	Default			None
5	M29						Yes	** NA **			None
6	M30						Yes	** NA **			None
7	M31	OOOOOX	OOOOOX				Yes	Default			None
8	M32	OOOOOX	OOOOOX				Yes	Default			None
9	M33						Yes	** NA **			None
10	M34						Yes	** NA **			None
11	M35						Yes	** NA **			None
12	M36						Yes	** NA **			None
13	M37						Yes	** NA **			None
14	M38		BenPIN				Yes	** NA **			None
15	M39						Yes				None
16	M40		BenPIN				Yes	** NA **			None
17	M41						Yes	** NA **			None
18	M42						Yes	** NA **			None
19	M43		BenPIN				Yes	** NA **			None
20	M44						Yes				None
21	M45		BenPIN				Yes	** NA **			None
22	M46						Yes	** NA **			None
23	M47						Yes	** NA **			None
24	M48						Yes	** NA **			None
25	M73						Yes	Default			None
26	M76						Yes	** NA **			None
27	MP1A						Yes	** NA **			None
28	M78						Yes	** NA **			None
29	MP2A						Yes	** NA **			None
30	M80						Yes	** NA **			None
31	MP3A						Yes	** NA **			None
32	M82						Yes	** NA **			None
33	MP4A						Yes	** NA **			None
34	M101						Yes	** NA **			None
35	OVP						Yes	** NA **			None
36	M36A						Yes				None
37	M37A						Yes	Default			None
38	M38A						Yes	Default			None
39	M39A						Yes	Default			None
40	M40A						Yes	** NA **			None
41	M41A						Yes	** NA **			None
42	M42A	OOOOOX	OOOOOX				Yes	Default			None
43	M43A	OOOOOX	OOOOOX				Yes	Default			None
44	M44A						Yes	** NA **			None
45	M45A						Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47A						Yes	** NA **			None
48	M48A						Yes	** NA **			None
49	M49		BenPIN				Yes	** NA **			None
50	M50						Yes				None
51	M51		BenPIN				Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54		BenPIN				Yes	** NA **			None
55	M55						Yes				None
56	M56		BenPIN				Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58						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...
59	M59						Yes	** NA **			None
60	M62						Yes				None
61	M63						Yes	Default			None
62	M64						Yes	Default			None
63	M65						Yes	Default			None
64	M66						Yes	** NA **			None
65	M67						Yes	** NA **			None
66	M68	OOOOOX	OOOOOX				Yes	Default			None
67	M69	OOOOOX	OOOOOX				Yes	Default			None
68	M70						Yes	** NA **			None
69	M71						Yes	** NA **			None
70	M72						Yes	** NA **			None
71	M73A						Yes	** NA **			None
72	M74						Yes	** NA **			None
73	M75		BenPIN				Yes	** NA **			None
74	M76A						Yes				None
75	M77		BenPIN				Yes	** NA **			None
76	M78A						Yes	** NA **			None
77	M79						Yes	** NA **			None
78	M80A		BenPIN				Yes	** NA **			None
79	M81						Yes				None
80	M82A		BenPIN				Yes	** NA **			None
81	M83						Yes	** NA **			None
82	M84						Yes	** NA **			None
83	M85						Yes	** NA **			None
84	M89						Yes	** NA **			None
85	MP1C						Yes	** NA **			None
86	M91						Yes	** NA **			None
87	MP2C						Yes	** NA **			None
88	M93						Yes	** NA **			None
89	MP3C						Yes	** NA **			None
90	M95						Yes	** NA **			None
91	MP4C						Yes	** NA **			None
92	M98						Yes	** NA **			None
93	MP1B						Yes	** NA **			None
94	M100						Yes	** NA **			None
95	MP2B						Yes	** NA **			None
96	M102A						Yes	** NA **			None
97	MP3B						Yes	** NA **			None
98	M104						Yes	** NA **			None
99	MP4B						Yes	** NA **			None
100	M100A						Yes				None
101	M101A						Yes				None
102	M108						Yes	** NA **			None
103	M109						Yes	** NA **			None
104	M110						Yes	** NA **			None
105	M111						Yes	** NA **			None
106	M112						Yes	** NA **			None
107	M113		OOOOOO				Yes	** NA **			None
108	M114						Yes	** NA **			None
109	M116		OOOOOO				Yes	** NA **			None
110	M118						Yes	** NA **			None
111	M119						Yes	** NA **			None
112	M120						Yes	** NA **			None
113	M121						Yes	** NA **			None
114	M123						Yes	** NA **			None
115	M127						Yes	** NA **			None
116	M128						Yes	** NA **			None
117	M129						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...
118	M130						Yes	** NA **			None
119	M132						Yes	** NA **			None
120	M130A						Yes	** NA **			None
121	M131A						Yes	** NA **			None
122	M122		OOOOOO				Yes	** NA **			None
123	M123A		OOOOOO				Yes	** NA **			None
124	M124		OOOOOO				Yes	** NA **			None
125	M125		OOOOOO				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-23	2.4
2	MP2A	My	-.011	2.4
3	MP2A	Mz	-.017	2.4
4	MP2A	Y	-23	6.4
5	MP2A	My	-.011	6.4
6	MP2A	Mz	-.017	6.4
7	MP2B	Y	-23	2.4
8	MP2B	My	.021	2.4
9	MP2B	Mz	.000474	2.4
10	MP2B	Y	-23	6.4
11	MP2B	My	.021	6.4
12	MP2B	Mz	.000474	6.4
13	MP2C	Y	-23	2.4
14	MP2C	My	-.012	2.4
15	MP2C	Mz	.017	2.4
16	MP2C	Y	-23	6.4
17	MP2C	My	-.012	6.4
18	MP2C	Mz	.017	6.4
19	MP2A	Y	-23	2.4
20	MP2A	My	-.011	2.4
21	MP2A	Mz	.017	2.4
22	MP2A	Y	-23	6.4
23	MP2A	My	-.011	6.4
24	MP2A	Mz	.017	6.4
25	MP2B	Y	-23	2.4
26	MP2B	My	-.008	2.4
27	MP2B	Mz	-.019	2.4
28	MP2B	Y	-23	6.4
29	MP2B	My	-.008	6.4
30	MP2B	Mz	-.019	6.4
31	MP2C	Y	-23	2.4
32	MP2C	My	.02	2.4
33	MP2C	Mz	.005	2.4
34	MP2C	Y	-23	6.4
35	MP2C	My	.02	6.4
36	MP2C	Mz	.005	6.4
37	MP3A	Y	-43.55	2.4
38	MP3A	My	-.022	2.4
39	MP3A	Mz	0	2.4
40	MP3A	Y	-43.55	4.4
41	MP3A	My	-.022	4.4
42	MP3A	Mz	0	4.4
43	MP3B	Y	-43.55	2.4
44	MP3B	My	.012	2.4
45	MP3B	Mz	-.018	2.4
46	MP3B	Y	-43.55	4.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP3B	My	.012	4.4
48	MP3B	Mz	-.018	4.4
49	MP3C	Y	-43.55	2.4
50	MP3C	My	.007	2.4
51	MP3C	Mz	.02	2.4
52	MP3C	Y	-43.55	4.4
53	MP3C	My	.007	4.4
54	MP3C	Mz	.02	4.4
55	MP1B	Y	-10.5	.3
56	MP1B	My	-.000912	.3
57	MP1B	Mz	-.005	.3
58	MP1B	Y	-10.5	4.3
59	MP1B	My	-.000912	4.3
60	MP1B	Mz	-.005	4.3
61	MP4B	Y	-10.5	.3
62	MP4B	My	-.000912	.3
63	MP4B	Mz	-.005	.3
64	MP4B	Y	-10.5	4.3
65	MP4B	My	-.000912	4.3
66	MP4B	Mz	-.005	4.3
67	MP1A	Y	-8	.3
68	MP1A	My	-.003	.3
69	MP1A	Mz	.002	.3
70	MP1A	Y	-8	4.3
71	MP1A	My	-.003	4.3
72	MP1A	Mz	.002	4.3
73	MP1C	Y	-8	.3
74	MP1C	My	.003	.3
75	MP1C	Mz	.003	.3
76	MP1C	Y	-8	4.3
77	MP1C	My	.003	4.3
78	MP1C	Mz	.003	4.3
79	MP4A	Y	-8	.3
80	MP4A	My	-.003	.3
81	MP4A	Mz	.002	.3
82	MP4A	Y	-8	4.3
83	MP4A	My	-.003	4.3
84	MP4A	Mz	.002	4.3
85	MP4C	Y	-8	.3
86	MP4C	My	.003	.3
87	MP4C	Mz	.003	.3
88	MP4C	Y	-8	4.3
89	MP4C	My	.003	4.3
90	MP4C	Mz	.003	4.3
91	MP3A	Y	-74.7	.75
92	MP3A	My	.037	.75
93	MP3A	Mz	0	.75
94	MP3B	Y	-74.7	.75
95	MP3B	My	-.021	.75
96	MP3B	Mz	.031	.75
97	MP3C	Y	-74.7	.75
98	MP3C	My	-.013	.75
99	MP3C	Mz	-.035	.75
100	MP2A	Y	-70.3	1.75
101	MP2A	My	.035	1.75
102	MP2A	Mz	0	1.75
103	MP2B	Y	-70.3	1.75
104	MP2B	My	-.02	1.75
105	MP2B	Mz	.029	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP2C	Y	-70.3	1.75
107	MP2C	My	-.012	1.75
108	MP2C	Mz	-.033	1.75
109	OVP	Y	-32	2
110	OVP	My	0	2
111	OVP	Mz	0	2
112	MP2B	Y	-17.6	4
113	MP2B	My	-.009	4
114	MP2B	Mz	.005	4
115	MP2B	Y	-17.6	4
116	MP2B	My	-.001	4
117	MP2B	Mz	.01	4

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-82.531	2.4
2	MP2A	My	-.041	2.4
3	MP2A	Mz	-.062	2.4
4	MP2A	Y	-82.531	6.4
5	MP2A	My	-.041	6.4
6	MP2A	Mz	-.062	6.4
7	MP2B	Y	-82.531	2.4
8	MP2B	My	.074	2.4
9	MP2B	Mz	.002	2.4
10	MP2B	Y	-82.531	6.4
11	MP2B	My	.074	6.4
12	MP2B	Mz	.002	6.4
13	MP2C	Y	-82.531	2.4
14	MP2C	My	-.044	2.4
15	MP2C	Mz	.06	2.4
16	MP2C	Y	-82.531	6.4
17	MP2C	My	-.044	6.4
18	MP2C	Mz	.06	6.4
19	MP2A	Y	-82.531	2.4
20	MP2A	My	-.041	2.4
21	MP2A	Mz	.062	2.4
22	MP2A	Y	-82.531	6.4
23	MP2A	My	-.041	6.4
24	MP2A	Mz	.062	6.4
25	MP2B	Y	-82.531	2.4
26	MP2B	My	-.027	2.4
27	MP2B	Mz	-.069	2.4
28	MP2B	Y	-82.531	6.4
29	MP2B	My	-.027	6.4
30	MP2B	Mz	-.069	6.4
31	MP2C	Y	-82.531	2.4
32	MP2C	My	.072	2.4
33	MP2C	Mz	.018	2.4
34	MP2C	Y	-82.531	6.4
35	MP2C	My	.072	6.4
36	MP2C	Mz	.018	6.4
37	MP3A	Y	-35.643	2.4
38	MP3A	My	-.018	2.4
39	MP3A	Mz	0	2.4
40	MP3A	Y	-35.643	4.4
41	MP3A	My	-.018	4.4
42	MP3A	Mz	0	4.4
43	MP3B	Y	-35.643	2.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	My	.01	2.4
45	MP3B	Mz	-.015	2.4
46	MP3B	Y	-35.643	4.4
47	MP3B	My	.01	4.4
48	MP3B	Mz	-.015	4.4
49	MP3C	Y	-35.643	2.4
50	MP3C	My	.006	2.4
51	MP3C	Mz	.017	2.4
52	MP3C	Y	-35.643	4.4
53	MP3C	My	.006	4.4
54	MP3C	Mz	.017	4.4
55	MP1B	Y	-59.281	.3
56	MP1B	My	-.005	.3
57	MP1B	Mz	-.029	.3
58	MP1B	Y	-59.281	4.3
59	MP1B	My	-.005	4.3
60	MP1B	Mz	-.029	4.3
61	MP4B	Y	-59.281	.3
62	MP4B	My	-.005	.3
63	MP4B	Mz	-.029	.3
64	MP4B	Y	-59.281	4.3
65	MP4B	My	-.005	4.3
66	MP4B	Mz	-.029	4.3
67	MP1A	Y	-46.996	.3
68	MP1A	My	-.02	.3
69	MP1A	Mz	.012	.3
70	MP1A	Y	-46.996	4.3
71	MP1A	My	-.02	4.3
72	MP1A	Mz	.012	4.3
73	MP1C	Y	-46.996	.3
74	MP1C	My	.015	.3
75	MP1C	Mz	.018	.3
76	MP1C	Y	-46.996	4.3
77	MP1C	My	.015	4.3
78	MP1C	Mz	.018	4.3
79	MP4A	Y	-46.996	.3
80	MP4A	My	-.02	.3
81	MP4A	Mz	.012	.3
82	MP4A	Y	-46.996	4.3
83	MP4A	My	-.02	4.3
84	MP4A	Mz	.012	4.3
85	MP4C	Y	-46.996	.3
86	MP4C	My	.015	.3
87	MP4C	Mz	.018	.3
88	MP4C	Y	-46.996	4.3
89	MP4C	My	.015	4.3
90	MP4C	Mz	.018	4.3
91	MP3A	Y	-44.938	.75
92	MP3A	My	.022	.75
93	MP3A	Mz	0	.75
94	MP3B	Y	-44.938	.75
95	MP3B	My	-.013	.75
96	MP3B	Mz	.018	.75
97	MP3C	Y	-44.938	.75
98	MP3C	My	-.008	.75
99	MP3C	Mz	-.021	.75
100	MP2A	Y	-42.794	1.75
101	MP2A	My	.021	1.75
102	MP2A	Mz	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP2B	Y	-42.794	1.75
104	MP2B	My	-.012	1.75
105	MP2B	Mz	.018	1.75
106	MP2C	Y	-42.794	1.75
107	MP2C	My	-.007	1.75
108	MP2C	Mz	-.02	1.75
109	OVP	Y	-87.984	2
110	OVP	My	0	2
111	OVP	Mz	0	2
112	MP2B	Y	-17.361	4
113	MP2B	My	-.009	4
114	MP2B	Mz	.005	4
115	MP2B	Y	-17.361	4
116	MP2B	My	-.001	4
117	MP2B	Mz	.01	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.4
2	MP2A	Z	-87.399	2.4
3	MP2A	Mx	.066	2.4
4	MP2A	X	0	6.4
5	MP2A	Z	-87.399	6.4
6	MP2A	Mx	.066	6.4
7	MP2B	X	0	2.4
8	MP2B	Z	-72.644	2.4
9	MP2B	Mx	-.001	2.4
10	MP2B	X	0	6.4
11	MP2B	Z	-72.644	6.4
12	MP2B	Mx	-.001	6.4
13	MP2C	X	0	2.4
14	MP2C	Z	-67.983	2.4
15	MP2C	Mx	-.049	2.4
16	MP2C	X	0	6.4
17	MP2C	Z	-67.983	6.4
18	MP2C	Mx	-.049	6.4
19	MP2A	X	0	2.4
20	MP2A	Z	-87.399	2.4
21	MP2A	Mx	-.066	2.4
22	MP2A	X	0	6.4
23	MP2A	Z	-87.399	6.4
24	MP2A	Mx	-.066	6.4
25	MP2B	X	0	2.4
26	MP2B	Z	-72.644	2.4
27	MP2B	Mx	.061	2.4
28	MP2B	X	0	6.4
29	MP2B	Z	-72.644	6.4
30	MP2B	Mx	.061	6.4
31	MP2C	X	0	2.4
32	MP2C	Z	-67.983	2.4
33	MP2C	Mx	-.015	2.4
34	MP2C	X	0	6.4
35	MP2C	Z	-67.983	6.4
36	MP2C	Mx	-.015	6.4
37	MP3A	X	0	2.4
38	MP3A	Z	-72.432	2.4
39	MP3A	Mx	0	2.4
40	MP3A	X	0	4.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3A	Z	-72.432	4.4
42	MP3A	Mx	0	4.4
43	MP3B	X	0	2.4
44	MP3B	Z	-40.567	2.4
45	MP3B	Mx	.017	2.4
46	MP3B	X	0	4.4
47	MP3B	Z	-40.567	4.4
48	MP3B	Mx	.017	4.4
49	MP3C	X	0	2.4
50	MP3C	Z	-30.5	2.4
51	MP3C	Mx	-.014	2.4
52	MP3C	X	0	4.4
53	MP3C	Z	-30.5	4.4
54	MP3C	Mx	-.014	4.4
55	MP1B	X	0	.3
56	MP1B	Z	-114.288	.3
57	MP1B	Mx	.056	.3
58	MP1B	X	0	4.3
59	MP1B	Z	-114.288	4.3
60	MP1B	Mx	.056	4.3
61	MP4B	X	0	.3
62	MP4B	Z	-114.288	.3
63	MP4B	Mx	.056	.3
64	MP4B	X	0	4.3
65	MP4B	Z	-114.288	4.3
66	MP4B	Mx	.056	4.3
67	MP1A	X	0	.3
68	MP1A	Z	-96.53	.3
69	MP1A	Mx	-.024	.3
70	MP1A	X	0	4.3
71	MP1A	Z	-96.53	4.3
72	MP1A	Mx	-.024	4.3
73	MP1C	X	0	.3
74	MP1C	Z	-101.861	.3
75	MP1C	Mx	-.039	.3
76	MP1C	X	0	4.3
77	MP1C	Z	-101.861	4.3
78	MP1C	Mx	-.039	4.3
79	MP4A	X	0	.3
80	MP4A	Z	-96.53	.3
81	MP4A	Mx	-.024	.3
82	MP4A	X	0	4.3
83	MP4A	Z	-96.53	4.3
84	MP4A	Mx	-.024	4.3
85	MP4C	X	0	.3
86	MP4C	Z	-101.861	.3
87	MP4C	Mx	-.039	.3
88	MP4C	X	0	4.3
89	MP4C	Z	-101.861	4.3
90	MP4C	Mx	-.039	4.3
91	MP3A	X	0	.75
92	MP3A	Z	-57.28	.75
93	MP3A	Mx	0	.75
94	MP3B	X	0	.75
95	MP3B	Z	-44.634	.75
96	MP3B	Mx	-.018	.75
97	MP3C	X	0	.75
98	MP3C	Z	-40.638	.75
99	MP3C	Mx	.019	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP2A	X	0	1.75
101	MP2A	Z	-57.28	1.75
102	MP2A	Mx	0	1.75
103	MP2B	X	0	1.75
104	MP2B	Z	-42.154	1.75
105	MP2B	Mx	-.017	1.75
106	MP2C	X	0	1.75
107	MP2C	Z	-37.375	1.75
108	MP2C	Mx	.018	1.75
109	OVP	X	0	2
110	OVP	Z	-105.543	2
111	OVP	Mx	0	2
112	MP2B	X	0	4
113	MP2B	Z	-35.547	4
114	MP2B	Mx	-.009	4
115	MP2B	X	0	4
116	MP2B	Z	-35.547	4
117	MP2B	Mx	-.02	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	40.951	2.4
2	MP2A	Z	-70.929	2.4
3	MP2A	Mx	.033	2.4
4	MP2A	X	40.951	6.4
5	MP2A	Z	-70.929	6.4
6	MP2A	Mx	.033	6.4
7	MP2B	X	32.789	2.4
8	MP2B	Z	-56.792	2.4
9	MP2B	Mx	.028	2.4
10	MP2B	X	32.789	6.4
11	MP2B	Z	-56.792	6.4
12	MP2B	Mx	.028	6.4
13	MP2C	X	39.157	2.4
14	MP2C	Z	-67.822	2.4
15	MP2C	Mx	-.07	2.4
16	MP2C	X	39.157	6.4
17	MP2C	Z	-67.822	6.4
18	MP2C	Mx	-.07	6.4
19	MP2A	X	40.951	2.4
20	MP2A	Z	-70.929	2.4
21	MP2A	Mx	-.074	2.4
22	MP2A	X	40.951	6.4
23	MP2A	Z	-70.929	6.4
24	MP2A	Mx	-.074	6.4
25	MP2B	X	32.789	2.4
26	MP2B	Z	-56.792	2.4
27	MP2B	Mx	.037	2.4
28	MP2B	X	32.789	6.4
29	MP2B	Z	-56.792	6.4
30	MP2B	Mx	.037	6.4
31	MP2C	X	39.157	2.4
32	MP2C	Z	-67.822	2.4
33	MP2C	Mx	.02	2.4
34	MP2C	X	39.157	6.4
35	MP2C	Z	-67.822	6.4
36	MP2C	Mx	.02	6.4
37	MP3A	X	30.28	2.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-52.447	2.4
39	MP3A	Mx	-.015	2.4
40	MP3A	X	30.28	4.4
41	MP3A	Z	-52.447	4.4
42	MP3A	Mx	-.015	4.4
43	MP3B	X	12.653	2.4
44	MP3B	Z	-21.915	2.4
45	MP3B	Mx	.013	2.4
46	MP3B	X	12.653	4.4
47	MP3B	Z	-21.915	4.4
48	MP3B	Mx	.013	4.4
49	MP3C	X	26.406	2.4
50	MP3C	Z	-45.736	2.4
51	MP3C	Mx	-.017	2.4
52	MP3C	X	26.406	4.4
53	MP3C	Z	-45.736	4.4
54	MP3C	Mx	-.017	4.4
55	MP1B	X	60.299	.3
56	MP1B	Z	-104.441	.3
57	MP1B	Mx	.046	.3
58	MP1B	X	60.299	4.3
59	MP1B	Z	-104.441	4.3
60	MP1B	Mx	.046	4.3
61	MP4B	X	60.299	.3
62	MP4B	Z	-104.441	.3
63	MP4B	Mx	.046	.3
64	MP4B	X	60.299	4.3
65	MP4B	Z	-104.441	4.3
66	MP4B	Mx	.046	4.3
67	MP1A	X	52.222	.3
68	MP1A	Z	-90.451	.3
69	MP1A	Mx	-.045	.3
70	MP1A	X	52.222	4.3
71	MP1A	Z	-90.451	4.3
72	MP1A	Mx	-.045	4.3
73	MP1C	X	47.212	.3
74	MP1C	Z	-81.774	.3
75	MP1C	Mx	-.016	.3
76	MP1C	X	47.212	4.3
77	MP1C	Z	-81.774	4.3
78	MP1C	Mx	-.016	4.3
79	MP4A	X	52.222	.3
80	MP4A	Z	-90.451	.3
81	MP4A	Mx	-.045	.3
82	MP4A	X	52.222	4.3
83	MP4A	Z	-90.451	4.3
84	MP4A	Mx	-.045	4.3
85	MP4C	X	47.212	.3
86	MP4C	Z	-81.774	.3
87	MP4C	Mx	-.016	.3
88	MP4C	X	47.212	4.3
89	MP4C	Z	-81.774	4.3
90	MP4C	Mx	-.016	4.3
91	MP3A	X	26.284	.75
92	MP3A	Z	-45.526	.75
93	MP3A	Mx	.013	.75
94	MP3B	X	19.288	.75
95	MP3B	Z	-33.408	.75
96	MP3B	Mx	-.019	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP3C	X	24.747	.75
98	MP3C	Z	-42.862	.75
99	MP3C	Mx	.016	.75
100	MP2A	X	25.822	1.75
101	MP2A	Z	-44.726	1.75
102	MP2A	Mx	.013	1.75
103	MP2B	X	17.454	1.75
104	MP2B	Z	-30.232	1.75
105	MP2B	Mx	-.017	1.75
106	MP2C	X	23.983	1.75
107	MP2C	Z	-41.54	1.75
108	MP2C	Mx	.015	1.75
109	OVP	X	46.174	2
110	OVP	Z	-79.975	2
111	OVP	Mx	0	2
112	MP2B	X	17.79	4
113	MP2B	Z	-30.814	4
114	MP2B	Mx	-.017	4
115	MP2B	X	17.79	4
116	MP2B	Z	-30.814	4
117	MP2B	Mx	-.018	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	61.408	2.4
2	MP2A	Z	-35.454	2.4
3	MP2A	Mx	-.004	2.4
4	MP2A	X	61.408	6.4
5	MP2A	Z	-35.454	6.4
6	MP2A	Mx	-.004	6.4
7	MP2B	X	60.048	2.4
8	MP2B	Z	-34.669	2.4
9	MP2B	Mx	.053	2.4
10	MP2B	X	60.048	6.4
11	MP2B	Z	-34.669	6.4
12	MP2B	Mx	.053	6.4
13	MP2C	X	75.115	2.4
14	MP2C	Z	-43.368	2.4
15	MP2C	Mx	-.072	2.4
16	MP2C	X	75.115	6.4
17	MP2C	Z	-43.368	6.4
18	MP2C	Mx	-.072	6.4
19	MP2A	X	61.408	2.4
20	MP2A	Z	-35.454	2.4
21	MP2A	Mx	-.057	2.4
22	MP2A	X	61.408	6.4
23	MP2A	Z	-35.454	6.4
24	MP2A	Mx	-.057	6.4
25	MP2B	X	60.048	2.4
26	MP2B	Z	-34.669	2.4
27	MP2B	Mx	.009	2.4
28	MP2B	X	60.048	6.4
29	MP2B	Z	-34.669	6.4
30	MP2B	Mx	.009	6.4
31	MP2C	X	75.115	2.4
32	MP2C	Z	-43.368	2.4
33	MP2C	Mx	.057	2.4
34	MP2C	X	75.115	6.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-43.368	6.4
36	MP2C	Mx	.057	6.4
37	MP3A	X	31.884	2.4
38	MP3A	Z	-18.408	2.4
39	MP3A	Mx	-.016	2.4
40	MP3A	X	31.884	4.4
41	MP3A	Z	-18.408	4.4
42	MP3A	Mx	-.016	4.4
43	MP3B	X	28.948	2.4
44	MP3B	Z	-16.713	2.4
45	MP3B	Mx	.015	2.4
46	MP3B	X	28.948	4.4
47	MP3B	Z	-16.713	4.4
48	MP3B	Mx	.015	4.4
49	MP3C	X	61.488	2.4
50	MP3C	Z	-35.5	2.4
51	MP3C	Mx	-.006	2.4
52	MP3C	X	61.488	4.4
53	MP3C	Z	-35.5	4.4
54	MP3C	Mx	-.006	4.4
55	MP1B	X	111.145	.3
56	MP1B	Z	-64.17	.3
57	MP1B	Mx	.022	.3
58	MP1B	X	111.145	4.3
59	MP1B	Z	-64.17	4.3
60	MP1B	Mx	.022	4.3
61	MP4B	X	111.145	.3
62	MP4B	Z	-64.17	.3
63	MP4B	Mx	.022	.3
64	MP4B	X	111.145	4.3
65	MP4B	Z	-64.17	4.3
66	MP4B	Mx	.022	4.3
67	MP1A	X	93.878	.3
68	MP1A	Z	-54.201	.3
69	MP1A	Mx	-.054	.3
70	MP1A	X	93.878	4.3
71	MP1A	Z	-54.201	4.3
72	MP1A	Mx	-.054	4.3
73	MP1C	X	80.583	.3
74	MP1C	Z	-46.525	.3
75	MP1C	Mx	.008	.3
76	MP1C	X	80.583	4.3
77	MP1C	Z	-46.525	4.3
78	MP1C	Mx	.008	4.3
79	MP4A	X	93.878	.3
80	MP4A	Z	-54.201	.3
81	MP4A	Mx	-.054	.3
82	MP4A	X	93.878	4.3
83	MP4A	Z	-54.201	4.3
84	MP4A	Mx	-.054	4.3
85	MP4C	X	80.583	.3
86	MP4C	Z	-46.525	.3
87	MP4C	Mx	.008	.3
88	MP4C	X	80.583	4.3
89	MP4C	Z	-46.525	4.3
90	MP4C	Mx	.008	4.3
91	MP3A	X	37.365	.75
92	MP3A	Z	-21.573	.75
93	MP3A	Mx	.019	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP3B	X	36.199	.75
95	MP3B	Z	-20.9	.75
96	MP3B	Mx	-.019	.75
97	MP3C	X	49.114	.75
98	MP3C	Z	-28.356	.75
99	MP3C	Mx	.005	.75
100	MP2A	X	34.964	1.75
101	MP2A	Z	-20.187	1.75
102	MP2A	Mx	.017	1.75
103	MP2B	X	33.571	1.75
104	MP2B	Z	-19.382	1.75
105	MP2B	Mx	-.018	1.75
106	MP2C	X	49.018	1.75
107	MP2C	Z	-28.3	1.75
108	MP2C	Mx	.005	1.75
109	OVP	X	77.863	2
110	OVP	Z	-44.954	2
111	OVP	Mx	0	2
112	MP2B	X	30.798	4
113	MP2B	Z	-17.781	4
114	MP2B	Mx	-.02	4
115	MP2B	X	30.798	4
116	MP2B	Z	-17.781	4
117	MP2B	Mx	-.012	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	65.41	2.4
2	MP2A	Z	0	2.4
3	MP2A	Mx	-.033	2.4
4	MP2A	X	65.41	6.4
5	MP2A	Z	0	6.4
6	MP2A	Mx	-.033	6.4
7	MP2B	X	80.165	2.4
8	MP2B	Z	0	2.4
9	MP2B	Mx	.072	2.4
10	MP2B	X	80.165	6.4
11	MP2B	Z	0	6.4
12	MP2B	Mx	.072	6.4
13	MP2C	X	84.827	2.4
14	MP2C	Z	0	2.4
15	MP2C	Mx	-.045	2.4
16	MP2C	X	84.827	6.4
17	MP2C	Z	0	6.4
18	MP2C	Mx	-.045	6.4
19	MP2A	X	65.41	2.4
20	MP2A	Z	0	2.4
21	MP2A	Mx	-.033	2.4
22	MP2A	X	65.41	6.4
23	MP2A	Z	0	6.4
24	MP2A	Mx	-.033	6.4
25	MP2B	X	80.165	2.4
26	MP2B	Z	0	2.4
27	MP2B	Mx	-.026	2.4
28	MP2B	X	80.165	6.4
29	MP2B	Z	0	6.4
30	MP2B	Mx	-.026	6.4
31	MP2C	X	84.827	2.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2C	Z	0	2.4
33	MP2C	Mx	.074	2.4
34	MP2C	X	84.827	6.4
35	MP2C	Z	0	6.4
36	MP2C	Mx	.074	6.4
37	MP3A	X	24.945	2.4
38	MP3A	Z	0	2.4
39	MP3A	Mx	-.012	2.4
40	MP3A	X	24.945	4.4
41	MP3A	Z	0	4.4
42	MP3A	Mx	-.012	4.4
43	MP3B	X	56.809	2.4
44	MP3B	Z	0	2.4
45	MP3B	Mx	.016	2.4
46	MP3B	X	56.809	4.4
47	MP3B	Z	0	4.4
48	MP3B	Mx	.016	4.4
49	MP3C	X	66.877	2.4
50	MP3C	Z	0	2.4
51	MP3C	Mx	.011	2.4
52	MP3C	X	66.877	4.4
53	MP3C	Z	0	4.4
54	MP3C	Mx	.011	4.4
55	MP1B	X	129.77	.3
56	MP1B	Z	0	.3
57	MP1B	Mx	-.011	.3
58	MP1B	X	129.77	4.3
59	MP1B	Z	0	4.3
60	MP1B	Mx	-.011	4.3
61	MP4B	X	129.77	.3
62	MP4B	Z	0	.3
63	MP4B	Mx	-.011	.3
64	MP4B	X	129.77	4.3
65	MP4B	Z	0	4.3
66	MP4B	Mx	-.011	4.3
67	MP1A	X	104.444	.3
68	MP1A	Z	0	.3
69	MP1A	Mx	-.045	.3
70	MP1A	X	104.444	4.3
71	MP1A	Z	0	4.3
72	MP1A	Mx	-.045	4.3
73	MP1C	X	99.113	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	.032	.3
76	MP1C	X	99.113	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	.032	4.3
79	MP4A	X	104.444	.3
80	MP4A	Z	0	.3
81	MP4A	Mx	-.045	.3
82	MP4A	X	104.444	4.3
83	MP4A	Z	0	4.3
84	MP4A	Mx	-.045	4.3
85	MP4C	X	99.113	.3
86	MP4C	Z	0	.3
87	MP4C	Mx	.032	.3
88	MP4C	X	99.113	4.3
89	MP4C	Z	0	4.3
90	MP4C	Mx	.032	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP3A	X	38.433	.75
92	MP3A	Z	0	.75
93	MP3A	Mx	.019	.75
94	MP3B	X	51.08	.75
95	MP3B	Z	0	.75
96	MP3B	Mx	-.015	.75
97	MP3C	X	55.076	.75
98	MP3C	Z	0	.75
99	MP3C	Mx	-.009	.75
100	MP2A	X	34.738	1.75
101	MP2A	Z	0	1.75
102	MP2A	Mx	.017	1.75
103	MP2B	X	49.864	1.75
104	MP2B	Z	0	1.75
105	MP2B	Mx	-.014	1.75
106	MP2C	X	54.643	1.75
107	MP2C	Z	0	1.75
108	MP2C	Mx	-.009	1.75
109	OVP	X	100.666	2
110	OVP	Z	0	2
111	OVP	Mx	0	2
112	MP2B	X	35.511	4
113	MP2B	Z	0	4
114	MP2B	Mx	-.017	4
115	MP2B	X	35.511	4
116	MP2B	Z	0	4
117	MP2B	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	61.408	2.4
2	MP2A	Z	35.454	2.4
3	MP2A	Mx	-.057	2.4
4	MP2A	X	61.408	6.4
5	MP2A	Z	35.454	6.4
6	MP2A	Mx	-.057	6.4
7	MP2B	X	75.545	2.4
8	MP2B	Z	43.616	2.4
9	MP2B	Mx	.069	2.4
10	MP2B	X	75.545	6.4
11	MP2B	Z	43.616	6.4
12	MP2B	Mx	.069	6.4
13	MP2C	X	64.515	2.4
14	MP2C	Z	37.248	2.4
15	MP2C	Mx	-.007	2.4
16	MP2C	X	64.515	6.4
17	MP2C	Z	37.248	6.4
18	MP2C	Mx	-.007	6.4
19	MP2A	X	61.408	2.4
20	MP2A	Z	35.454	2.4
21	MP2A	Mx	-.004	2.4
22	MP2A	X	61.408	6.4
23	MP2A	Z	35.454	6.4
24	MP2A	Mx	-.004	6.4
25	MP2B	X	75.545	2.4
26	MP2B	Z	43.616	2.4
27	MP2B	Mx	-.061	2.4
28	MP2B	X	75.545	6.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	43.616	6.4
30	MP2B	Mx	-.061	6.4
31	MP2C	X	64.515	2.4
32	MP2C	Z	37.248	2.4
33	MP2C	Mx	.064	2.4
34	MP2C	X	64.515	6.4
35	MP2C	Z	37.248	6.4
36	MP2C	Mx	.064	6.4
37	MP3A	X	31.884	2.4
38	MP3A	Z	18.408	2.4
39	MP3A	Mx	-.016	2.4
40	MP3A	X	31.884	4.4
41	MP3A	Z	18.408	4.4
42	MP3A	Mx	-.016	4.4
43	MP3B	X	62.415	2.4
44	MP3B	Z	36.036	2.4
45	MP3B	Mx	.003	2.4
46	MP3B	X	62.415	4.4
47	MP3B	Z	36.036	4.4
48	MP3B	Mx	.003	4.4
49	MP3C	X	38.595	2.4
50	MP3C	Z	22.283	2.4
51	MP3C	Mx	.017	2.4
52	MP3C	X	38.595	4.4
53	MP3C	Z	22.283	4.4
54	MP3C	Mx	.017	4.4
55	MP1B	X	106.919	.3
56	MP1B	Z	61.73	.3
57	MP1B	Mx	-.04	.3
58	MP1B	X	106.919	4.3
59	MP1B	Z	61.73	4.3
60	MP1B	Mx	-.04	4.3
61	MP4B	X	106.919	.3
62	MP4B	Z	61.73	.3
63	MP4B	Mx	-.04	.3
64	MP4B	X	106.919	4.3
65	MP4B	Z	61.73	4.3
66	MP4B	Mx	-.04	4.3
67	MP1A	X	83.597	.3
68	MP1A	Z	48.265	.3
69	MP1A	Mx	-.024	.3
70	MP1A	X	83.597	4.3
71	MP1A	Z	48.265	4.3
72	MP1A	Mx	-.024	4.3
73	MP1C	X	92.275	.3
74	MP1C	Z	53.275	.3
75	MP1C	Mx	.05	.3
76	MP1C	X	92.275	4.3
77	MP1C	Z	53.275	4.3
78	MP1C	Mx	.05	4.3
79	MP4A	X	83.597	.3
80	MP4A	Z	48.265	.3
81	MP4A	Mx	-.024	.3
82	MP4A	X	83.597	4.3
83	MP4A	Z	48.265	4.3
84	MP4A	Mx	-.024	4.3
85	MP4C	X	92.275	.3
86	MP4C	Z	53.275	.3
87	MP4C	Mx	.05	.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP4C	X	92.275	4.3
89	MP4C	Z	53.275	4.3
90	MP4C	Mx	.05	4.3
91	MP3A	X	37.365	.75
92	MP3A	Z	21.573	.75
93	MP3A	Mx	.019	.75
94	MP3B	X	49.482	.75
95	MP3B	Z	28.569	.75
96	MP3B	Mx	-.002	.75
97	MP3C	X	40.028	.75
98	MP3C	Z	23.11	.75
99	MP3C	Mx	-.018	.75
100	MP2A	X	34.964	1.75
101	MP2A	Z	20.187	1.75
102	MP2A	Mx	.017	1.75
103	MP2B	X	49.458	1.75
104	MP2B	Z	28.555	1.75
105	MP2B	Mx	-.002	1.75
106	MP2C	X	38.15	1.75
107	MP2C	Z	22.026	1.75
108	MP2C	Mx	-.017	1.75
109	OVP	X	98.607	2
110	OVP	Z	56.931	2
111	OVP	Mx	0	2
112	MP2B	X	30.725	4
113	MP2B	Z	17.739	4
114	MP2B	Mx	-.01	4
115	MP2B	X	30.725	4
116	MP2B	Z	17.739	4
117	MP2B	Mx	.007	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	40.951	2.4
2	MP2A	Z	70.929	2.4
3	MP2A	Mx	-.074	2.4
4	MP2A	X	40.951	6.4
5	MP2A	Z	70.929	6.4
6	MP2A	Mx	-.074	6.4
7	MP2B	X	41.736	2.4
8	MP2B	Z	72.288	2.4
9	MP2B	Mx	.039	2.4
10	MP2B	X	41.736	6.4
11	MP2B	Z	72.288	6.4
12	MP2B	Mx	.039	6.4
13	MP2C	X	33.037	2.4
14	MP2C	Z	57.221	2.4
15	MP2C	Mx	.024	2.4
16	MP2C	X	33.037	6.4
17	MP2C	Z	57.221	6.4
18	MP2C	Mx	.024	6.4
19	MP2A	X	40.951	2.4
20	MP2A	Z	70.929	2.4
21	MP2A	Mx	.033	2.4
22	MP2A	X	40.951	6.4
23	MP2A	Z	70.929	6.4
24	MP2A	Mx	.033	6.4
25	MP2B	X	41.736	2.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	72.288	2.4
27	MP2B	Mx	-.074	2.4
28	MP2B	X	41.736	6.4
29	MP2B	Z	72.288	6.4
30	MP2B	Mx	-.074	6.4
31	MP2C	X	33.037	2.4
32	MP2C	Z	57.221	2.4
33	MP2C	Mx	.041	2.4
34	MP2C	X	33.037	6.4
35	MP2C	Z	57.221	6.4
36	MP2C	Mx	.041	6.4
37	MP3A	X	30.28	2.4
38	MP3A	Z	52.447	2.4
39	MP3A	Mx	-.015	2.4
40	MP3A	X	30.28	4.4
41	MP3A	Z	52.447	4.4
42	MP3A	Mx	-.015	4.4
43	MP3B	X	31.975	2.4
44	MP3B	Z	55.383	2.4
45	MP3B	Mx	-.014	2.4
46	MP3B	X	31.975	4.4
47	MP3B	Z	55.383	4.4
48	MP3B	Mx	-.014	4.4
49	MP3C	X	13.188	2.4
50	MP3C	Z	22.843	2.4
51	MP3C	Mx	.013	2.4
52	MP3C	X	13.188	4.4
53	MP3C	Z	22.843	4.4
54	MP3C	Mx	.013	4.4
55	MP1B	X	57.859	.3
56	MP1B	Z	100.215	.3
57	MP1B	Mx	-.054	.3
58	MP1B	X	57.859	4.3
59	MP1B	Z	100.215	4.3
60	MP1B	Mx	-.054	4.3
61	MP4B	X	57.859	.3
62	MP4B	Z	100.215	.3
63	MP4B	Mx	-.054	.3
64	MP4B	X	57.859	4.3
65	MP4B	Z	100.215	4.3
66	MP4B	Mx	-.054	4.3
67	MP1A	X	46.286	.3
68	MP1A	Z	80.17	.3
69	MP1A	Mx	0	.3
70	MP1A	X	46.286	4.3
71	MP1A	Z	80.17	4.3
72	MP1A	Mx	0	4.3
73	MP1C	X	53.962	.3
74	MP1C	Z	93.465	.3
75	MP1C	Mx	.053	.3
76	MP1C	X	53.962	4.3
77	MP1C	Z	93.465	4.3
78	MP1C	Mx	.053	4.3
79	MP4A	X	46.286	.3
80	MP4A	Z	80.17	.3
81	MP4A	Mx	0	.3
82	MP4A	X	46.286	4.3
83	MP4A	Z	80.17	4.3
84	MP4A	Mx	0	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP4C	X	53.962	.3
86	MP4C	Z	93.465	.3
87	MP4C	Mx	.053	.3
88	MP4C	X	53.962	4.3
89	MP4C	Z	93.465	4.3
90	MP4C	Mx	.053	4.3
91	MP3A	X	26.284	.75
92	MP3A	Z	45.526	.75
93	MP3A	Mx	.013	.75
94	MP3B	X	26.957	.75
95	MP3B	Z	46.691	.75
96	MP3B	Mx	.011	.75
97	MP3C	X	19.501	.75
98	MP3C	Z	33.776	.75
99	MP3C	Mx	-.019	.75
100	MP2A	X	25.822	1.75
101	MP2A	Z	44.726	1.75
102	MP2A	Mx	.013	1.75
103	MP2B	X	26.627	1.75
104	MP2B	Z	46.119	1.75
105	MP2B	Mx	.011	1.75
106	MP2C	X	17.709	1.75
107	MP2C	Z	30.672	1.75
108	MP2C	Mx	-.017	1.75
109	OVP	X	58.15	2
110	OVP	Z	100.719	2
111	OVP	Mx	0	2
112	MP2B	X	17.748	4
113	MP2B	Z	30.74	4
114	MP2B	Mx	-.000542	4
115	MP2B	X	17.748	4
116	MP2B	Z	30.74	4
117	MP2B	Mx	.016	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.4
2	MP2A	Z	87.399	2.4
3	MP2A	Mx	-.066	2.4
4	MP2A	X	0	6.4
5	MP2A	Z	87.399	6.4
6	MP2A	Mx	-.066	6.4
7	MP2B	X	0	2.4
8	MP2B	Z	72.644	2.4
9	MP2B	Mx	.001	2.4
10	MP2B	X	0	6.4
11	MP2B	Z	72.644	6.4
12	MP2B	Mx	.001	6.4
13	MP2C	X	0	2.4
14	MP2C	Z	67.983	2.4
15	MP2C	Mx	.049	2.4
16	MP2C	X	0	6.4
17	MP2C	Z	67.983	6.4
18	MP2C	Mx	.049	6.4
19	MP2A	X	0	2.4
20	MP2A	Z	87.399	2.4
21	MP2A	Mx	.066	2.4
22	MP2A	X	0	6.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	87.399	6.4
24	MP2A	Mx	.066	6.4
25	MP2B	X	0	2.4
26	MP2B	Z	72.644	2.4
27	MP2B	Mx	-.061	2.4
28	MP2B	X	0	6.4
29	MP2B	Z	72.644	6.4
30	MP2B	Mx	-.061	6.4
31	MP2C	X	0	2.4
32	MP2C	Z	67.983	2.4
33	MP2C	Mx	.015	2.4
34	MP2C	X	0	6.4
35	MP2C	Z	67.983	6.4
36	MP2C	Mx	.015	6.4
37	MP3A	X	0	2.4
38	MP3A	Z	72.432	2.4
39	MP3A	Mx	0	2.4
40	MP3A	X	0	4.4
41	MP3A	Z	72.432	4.4
42	MP3A	Mx	0	4.4
43	MP3B	X	0	2.4
44	MP3B	Z	40.567	2.4
45	MP3B	Mx	-.017	2.4
46	MP3B	X	0	4.4
47	MP3B	Z	40.567	4.4
48	MP3B	Mx	-.017	4.4
49	MP3C	X	0	2.4
50	MP3C	Z	30.5	2.4
51	MP3C	Mx	.014	2.4
52	MP3C	X	0	4.4
53	MP3C	Z	30.5	4.4
54	MP3C	Mx	.014	4.4
55	MP1B	X	0	.3
56	MP1B	Z	114.288	.3
57	MP1B	Mx	-.056	.3
58	MP1B	X	0	4.3
59	MP1B	Z	114.288	4.3
60	MP1B	Mx	-.056	4.3
61	MP4B	X	0	.3
62	MP4B	Z	114.288	.3
63	MP4B	Mx	-.056	.3
64	MP4B	X	0	4.3
65	MP4B	Z	114.288	4.3
66	MP4B	Mx	-.056	4.3
67	MP1A	X	0	.3
68	MP1A	Z	96.53	.3
69	MP1A	Mx	.024	.3
70	MP1A	X	0	4.3
71	MP1A	Z	96.53	4.3
72	MP1A	Mx	.024	4.3
73	MP1C	X	0	.3
74	MP1C	Z	101.861	.3
75	MP1C	Mx	.039	.3
76	MP1C	X	0	4.3
77	MP1C	Z	101.861	4.3
78	MP1C	Mx	.039	4.3
79	MP4A	X	0	.3
80	MP4A	Z	96.53	.3
81	MP4A	Mx	.024	.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4A	X	0	4.3
83	MP4A	Z	96.53	4.3
84	MP4A	Mx	.024	4.3
85	MP4C	X	0	.3
86	MP4C	Z	101.861	.3
87	MP4C	Mx	.039	.3
88	MP4C	X	0	4.3
89	MP4C	Z	101.861	4.3
90	MP4C	Mx	.039	4.3
91	MP3A	X	0	.75
92	MP3A	Z	57.28	.75
93	MP3A	Mx	0	.75
94	MP3B	X	0	.75
95	MP3B	Z	44.634	.75
96	MP3B	Mx	.018	.75
97	MP3C	X	0	.75
98	MP3C	Z	40.638	.75
99	MP3C	Mx	-.019	.75
100	MP2A	X	0	1.75
101	MP2A	Z	57.28	1.75
102	MP2A	Mx	0	1.75
103	MP2B	X	0	1.75
104	MP2B	Z	42.154	1.75
105	MP2B	Mx	.017	1.75
106	MP2C	X	0	1.75
107	MP2C	Z	37.375	1.75
108	MP2C	Mx	-.018	1.75
109	OVP	X	0	2
110	OVP	Z	105.543	2
111	OVP	Mx	0	2
112	MP2B	X	0	4
113	MP2B	Z	35.547	4
114	MP2B	Mx	.009	4
115	MP2B	X	0	4
116	MP2B	Z	35.547	4
117	MP2B	Mx	.02	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-40.951	2.4
2	MP2A	Z	70.929	2.4
3	MP2A	Mx	-.033	2.4
4	MP2A	X	-40.951	6.4
5	MP2A	Z	70.929	6.4
6	MP2A	Mx	-.033	6.4
7	MP2B	X	-32.789	2.4
8	MP2B	Z	56.792	2.4
9	MP2B	Mx	-.028	2.4
10	MP2B	X	-32.789	6.4
11	MP2B	Z	56.792	6.4
12	MP2B	Mx	-.028	6.4
13	MP2C	X	-39.157	2.4
14	MP2C	Z	67.822	2.4
15	MP2C	Mx	.07	2.4
16	MP2C	X	-39.157	6.4
17	MP2C	Z	67.822	6.4
18	MP2C	Mx	.07	6.4
19	MP2A	X	-40.951	2.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	70.929	2.4
21	MP2A	Mx	.074	2.4
22	MP2A	X	-40.951	6.4
23	MP2A	Z	70.929	6.4
24	MP2A	Mx	.074	6.4
25	MP2B	X	-32.789	2.4
26	MP2B	Z	56.792	2.4
27	MP2B	Mx	-.037	2.4
28	MP2B	X	-32.789	6.4
29	MP2B	Z	56.792	6.4
30	MP2B	Mx	-.037	6.4
31	MP2C	X	-39.157	2.4
32	MP2C	Z	67.822	2.4
33	MP2C	Mx	-.02	2.4
34	MP2C	X	-39.157	6.4
35	MP2C	Z	67.822	6.4
36	MP2C	Mx	-.02	6.4
37	MP3A	X	-30.28	2.4
38	MP3A	Z	52.447	2.4
39	MP3A	Mx	.015	2.4
40	MP3A	X	-30.28	4.4
41	MP3A	Z	52.447	4.4
42	MP3A	Mx	.015	4.4
43	MP3B	X	-12.653	2.4
44	MP3B	Z	21.915	2.4
45	MP3B	Mx	-.013	2.4
46	MP3B	X	-12.653	4.4
47	MP3B	Z	21.915	4.4
48	MP3B	Mx	-.013	4.4
49	MP3C	X	-26.406	2.4
50	MP3C	Z	45.736	2.4
51	MP3C	Mx	.017	2.4
52	MP3C	X	-26.406	4.4
53	MP3C	Z	45.736	4.4
54	MP3C	Mx	.017	4.4
55	MP1B	X	-60.299	.3
56	MP1B	Z	104.441	.3
57	MP1B	Mx	-.046	.3
58	MP1B	X	-60.299	4.3
59	MP1B	Z	104.441	4.3
60	MP1B	Mx	-.046	4.3
61	MP4B	X	-60.299	.3
62	MP4B	Z	104.441	.3
63	MP4B	Mx	-.046	.3
64	MP4B	X	-60.299	4.3
65	MP4B	Z	104.441	4.3
66	MP4B	Mx	-.046	4.3
67	MP1A	X	-52.222	.3
68	MP1A	Z	90.451	.3
69	MP1A	Mx	.045	.3
70	MP1A	X	-52.222	4.3
71	MP1A	Z	90.451	4.3
72	MP1A	Mx	.045	4.3
73	MP1C	X	-47.212	.3
74	MP1C	Z	81.774	.3
75	MP1C	Mx	.016	.3
76	MP1C	X	-47.212	4.3
77	MP1C	Z	81.774	4.3
78	MP1C	Mx	.016	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4A	X	-52.222	.3
80	MP4A	Z	90.451	.3
81	MP4A	Mx	.045	.3
82	MP4A	X	-52.222	4.3
83	MP4A	Z	90.451	4.3
84	MP4A	Mx	.045	4.3
85	MP4C	X	-47.212	.3
86	MP4C	Z	81.774	.3
87	MP4C	Mx	.016	.3
88	MP4C	X	-47.212	4.3
89	MP4C	Z	81.774	4.3
90	MP4C	Mx	.016	4.3
91	MP3A	X	-26.284	.75
92	MP3A	Z	45.526	.75
93	MP3A	Mx	-.013	.75
94	MP3B	X	-19.288	.75
95	MP3B	Z	33.408	.75
96	MP3B	Mx	.019	.75
97	MP3C	X	-24.747	.75
98	MP3C	Z	42.862	.75
99	MP3C	Mx	-.016	.75
100	MP2A	X	-25.822	1.75
101	MP2A	Z	44.726	1.75
102	MP2A	Mx	-.013	1.75
103	MP2B	X	-17.454	1.75
104	MP2B	Z	30.232	1.75
105	MP2B	Mx	.017	1.75
106	MP2C	X	-23.983	1.75
107	MP2C	Z	41.54	1.75
108	MP2C	Mx	-.015	1.75
109	OVP	X	-46.174	2
110	OVP	Z	79.975	2
111	OVP	Mx	0	2
112	MP2B	X	-17.79	4
113	MP2B	Z	30.814	4
114	MP2B	Mx	.017	4
115	MP2B	X	-17.79	4
116	MP2B	Z	30.814	4
117	MP2B	Mx	.018	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-61.408	2.4
2	MP2A	Z	35.454	2.4
3	MP2A	Mx	.004	2.4
4	MP2A	X	-61.408	6.4
5	MP2A	Z	35.454	6.4
6	MP2A	Mx	.004	6.4
7	MP2B	X	-60.048	2.4
8	MP2B	Z	34.669	2.4
9	MP2B	Mx	-.053	2.4
10	MP2B	X	-60.048	6.4
11	MP2B	Z	34.669	6.4
12	MP2B	Mx	-.053	6.4
13	MP2C	X	-75.115	2.4
14	MP2C	Z	43.368	2.4
15	MP2C	Mx	.072	2.4
16	MP2C	X	-75.115	6.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	43.368	6.4
18	MP2C	Mx	.072	6.4
19	MP2A	X	-61.408	2.4
20	MP2A	Z	35.454	2.4
21	MP2A	Mx	.057	2.4
22	MP2A	X	-61.408	6.4
23	MP2A	Z	35.454	6.4
24	MP2A	Mx	.057	6.4
25	MP2B	X	-60.048	2.4
26	MP2B	Z	34.669	2.4
27	MP2B	Mx	-.009	2.4
28	MP2B	X	-60.048	6.4
29	MP2B	Z	34.669	6.4
30	MP2B	Mx	-.009	6.4
31	MP2C	X	-75.115	2.4
32	MP2C	Z	43.368	2.4
33	MP2C	Mx	-.057	2.4
34	MP2C	X	-75.115	6.4
35	MP2C	Z	43.368	6.4
36	MP2C	Mx	-.057	6.4
37	MP3A	X	-31.884	2.4
38	MP3A	Z	18.408	2.4
39	MP3A	Mx	.016	2.4
40	MP3A	X	-31.884	4.4
41	MP3A	Z	18.408	4.4
42	MP3A	Mx	.016	4.4
43	MP3B	X	-28.948	2.4
44	MP3B	Z	16.713	2.4
45	MP3B	Mx	-.015	2.4
46	MP3B	X	-28.948	4.4
47	MP3B	Z	16.713	4.4
48	MP3B	Mx	-.015	4.4
49	MP3C	X	-61.488	2.4
50	MP3C	Z	35.5	2.4
51	MP3C	Mx	.006	2.4
52	MP3C	X	-61.488	4.4
53	MP3C	Z	35.5	4.4
54	MP3C	Mx	.006	4.4
55	MP1B	X	-111.145	.3
56	MP1B	Z	64.17	.3
57	MP1B	Mx	-.022	.3
58	MP1B	X	-111.145	4.3
59	MP1B	Z	64.17	4.3
60	MP1B	Mx	-.022	4.3
61	MP4B	X	-111.145	.3
62	MP4B	Z	64.17	.3
63	MP4B	Mx	-.022	.3
64	MP4B	X	-111.145	4.3
65	MP4B	Z	64.17	4.3
66	MP4B	Mx	-.022	4.3
67	MP1A	X	-93.878	.3
68	MP1A	Z	54.201	.3
69	MP1A	Mx	.054	.3
70	MP1A	X	-93.878	4.3
71	MP1A	Z	54.201	4.3
72	MP1A	Mx	.054	4.3
73	MP1C	X	-80.583	.3
74	MP1C	Z	46.525	.3
75	MP1C	Mx	-.008	.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP1C	X	-80.583	4.3
77	MP1C	Z	46.525	4.3
78	MP1C	Mx	-.008	4.3
79	MP4A	X	-93.878	.3
80	MP4A	Z	54.201	.3
81	MP4A	Mx	.054	.3
82	MP4A	X	-93.878	4.3
83	MP4A	Z	54.201	4.3
84	MP4A	Mx	.054	4.3
85	MP4C	X	-80.583	.3
86	MP4C	Z	46.525	.3
87	MP4C	Mx	-.008	.3
88	MP4C	X	-80.583	4.3
89	MP4C	Z	46.525	4.3
90	MP4C	Mx	-.008	4.3
91	MP3A	X	-37.365	.75
92	MP3A	Z	21.573	.75
93	MP3A	Mx	-.019	.75
94	MP3B	X	-36.199	.75
95	MP3B	Z	20.9	.75
96	MP3B	Mx	.019	.75
97	MP3C	X	-49.114	.75
98	MP3C	Z	28.356	.75
99	MP3C	Mx	-.005	.75
100	MP2A	X	-34.964	1.75
101	MP2A	Z	20.187	1.75
102	MP2A	Mx	-.017	1.75
103	MP2B	X	-33.571	1.75
104	MP2B	Z	19.382	1.75
105	MP2B	Mx	.018	1.75
106	MP2C	X	-49.018	1.75
107	MP2C	Z	28.3	1.75
108	MP2C	Mx	-.005	1.75
109	OVP	X	-77.863	2
110	OVP	Z	44.954	2
111	OVP	Mx	0	2
112	MP2B	X	-30.798	4
113	MP2B	Z	17.781	4
114	MP2B	Mx	.02	4
115	MP2B	X	-30.798	4
116	MP2B	Z	17.781	4
117	MP2B	Mx	.012	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-65.41	2.4
2	MP2A	Z	0	2.4
3	MP2A	Mx	.033	2.4
4	MP2A	X	-65.41	6.4
5	MP2A	Z	0	6.4
6	MP2A	Mx	.033	6.4
7	MP2B	X	-80.165	2.4
8	MP2B	Z	0	2.4
9	MP2B	Mx	-.072	2.4
10	MP2B	X	-80.165	6.4
11	MP2B	Z	0	6.4
12	MP2B	Mx	-.072	6.4
13	MP2C	X	-84.827	2.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	0	2.4
15	MP2C	Mx	.045	2.4
16	MP2C	X	-84.827	6.4
17	MP2C	Z	0	6.4
18	MP2C	Mx	.045	6.4
19	MP2A	X	-65.41	2.4
20	MP2A	Z	0	2.4
21	MP2A	Mx	.033	2.4
22	MP2A	X	-65.41	6.4
23	MP2A	Z	0	6.4
24	MP2A	Mx	.033	6.4
25	MP2B	X	-80.165	2.4
26	MP2B	Z	0	2.4
27	MP2B	Mx	.026	2.4
28	MP2B	X	-80.165	6.4
29	MP2B	Z	0	6.4
30	MP2B	Mx	.026	6.4
31	MP2C	X	-84.827	2.4
32	MP2C	Z	0	2.4
33	MP2C	Mx	-.074	2.4
34	MP2C	X	-84.827	6.4
35	MP2C	Z	0	6.4
36	MP2C	Mx	-.074	6.4
37	MP3A	X	-24.945	2.4
38	MP3A	Z	0	2.4
39	MP3A	Mx	.012	2.4
40	MP3A	X	-24.945	4.4
41	MP3A	Z	0	4.4
42	MP3A	Mx	.012	4.4
43	MP3B	X	-56.809	2.4
44	MP3B	Z	0	2.4
45	MP3B	Mx	-.016	2.4
46	MP3B	X	-56.809	4.4
47	MP3B	Z	0	4.4
48	MP3B	Mx	-.016	4.4
49	MP3C	X	-66.877	2.4
50	MP3C	Z	0	2.4
51	MP3C	Mx	-.011	2.4
52	MP3C	X	-66.877	4.4
53	MP3C	Z	0	4.4
54	MP3C	Mx	-.011	4.4
55	MP1B	X	-129.77	.3
56	MP1B	Z	0	.3
57	MP1B	Mx	.011	.3
58	MP1B	X	-129.77	4.3
59	MP1B	Z	0	4.3
60	MP1B	Mx	.011	4.3
61	MP4B	X	-129.77	.3
62	MP4B	Z	0	.3
63	MP4B	Mx	.011	.3
64	MP4B	X	-129.77	4.3
65	MP4B	Z	0	4.3
66	MP4B	Mx	.011	4.3
67	MP1A	X	-104.444	.3
68	MP1A	Z	0	.3
69	MP1A	Mx	.045	.3
70	MP1A	X	-104.444	4.3
71	MP1A	Z	0	4.3
72	MP1A	Mx	.045	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP1C	X	-99.113	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	-.032	.3
76	MP1C	X	-99.113	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	-.032	4.3
79	MP4A	X	-104.444	.3
80	MP4A	Z	0	.3
81	MP4A	Mx	.045	.3
82	MP4A	X	-104.444	4.3
83	MP4A	Z	0	4.3
84	MP4A	Mx	.045	4.3
85	MP4C	X	-99.113	.3
86	MP4C	Z	0	.3
87	MP4C	Mx	-.032	.3
88	MP4C	X	-99.113	4.3
89	MP4C	Z	0	4.3
90	MP4C	Mx	-.032	4.3
91	MP3A	X	-38.433	.75
92	MP3A	Z	0	.75
93	MP3A	Mx	-.019	.75
94	MP3B	X	-51.08	.75
95	MP3B	Z	0	.75
96	MP3B	Mx	.015	.75
97	MP3C	X	-55.076	.75
98	MP3C	Z	0	.75
99	MP3C	Mx	.009	.75
100	MP2A	X	-34.738	1.75
101	MP2A	Z	0	1.75
102	MP2A	Mx	-.017	1.75
103	MP2B	X	-49.864	1.75
104	MP2B	Z	0	1.75
105	MP2B	Mx	.014	1.75
106	MP2C	X	-54.643	1.75
107	MP2C	Z	0	1.75
108	MP2C	Mx	.009	1.75
109	OVP	X	-100.666	2
110	OVP	Z	0	2
111	OVP	Mx	0	2
112	MP2B	X	-35.511	4
113	MP2B	Z	0	4
114	MP2B	Mx	.017	4
115	MP2B	X	-35.511	4
116	MP2B	Z	0	4
117	MP2B	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-61.408	2.4
2	MP2A	Z	-35.454	2.4
3	MP2A	Mx	.057	2.4
4	MP2A	X	-61.408	6.4
5	MP2A	Z	-35.454	6.4
6	MP2A	Mx	.057	6.4
7	MP2B	X	-75.545	2.4
8	MP2B	Z	-43.616	2.4
9	MP2B	Mx	-.069	2.4
10	MP2B	X	-75.545	6.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	-43.616	6.4
12	MP2B	Mx	-.069	6.4
13	MP2C	X	-64.515	2.4
14	MP2C	Z	-37.248	2.4
15	MP2C	Mx	.007	2.4
16	MP2C	X	-64.515	6.4
17	MP2C	Z	-37.248	6.4
18	MP2C	Mx	.007	6.4
19	MP2A	X	-61.408	2.4
20	MP2A	Z	-35.454	2.4
21	MP2A	Mx	.004	2.4
22	MP2A	X	-61.408	6.4
23	MP2A	Z	-35.454	6.4
24	MP2A	Mx	.004	6.4
25	MP2B	X	-75.545	2.4
26	MP2B	Z	-43.616	2.4
27	MP2B	Mx	.061	2.4
28	MP2B	X	-75.545	6.4
29	MP2B	Z	-43.616	6.4
30	MP2B	Mx	.061	6.4
31	MP2C	X	-64.515	2.4
32	MP2C	Z	-37.248	2.4
33	MP2C	Mx	-.064	2.4
34	MP2C	X	-64.515	6.4
35	MP2C	Z	-37.248	6.4
36	MP2C	Mx	-.064	6.4
37	MP3A	X	-31.884	2.4
38	MP3A	Z	-18.408	2.4
39	MP3A	Mx	.016	2.4
40	MP3A	X	-31.884	4.4
41	MP3A	Z	-18.408	4.4
42	MP3A	Mx	.016	4.4
43	MP3B	X	-62.415	2.4
44	MP3B	Z	-36.036	2.4
45	MP3B	Mx	-.003	2.4
46	MP3B	X	-62.415	4.4
47	MP3B	Z	-36.036	4.4
48	MP3B	Mx	-.003	4.4
49	MP3C	X	-38.595	2.4
50	MP3C	Z	-22.283	2.4
51	MP3C	Mx	-.017	2.4
52	MP3C	X	-38.595	4.4
53	MP3C	Z	-22.283	4.4
54	MP3C	Mx	-.017	4.4
55	MP1B	X	-106.919	.3
56	MP1B	Z	-61.73	.3
57	MP1B	Mx	.04	.3
58	MP1B	X	-106.919	4.3
59	MP1B	Z	-61.73	4.3
60	MP1B	Mx	.04	4.3
61	MP4B	X	-106.919	.3
62	MP4B	Z	-61.73	.3
63	MP4B	Mx	.04	.3
64	MP4B	X	-106.919	4.3
65	MP4B	Z	-61.73	4.3
66	MP4B	Mx	.04	4.3
67	MP1A	X	-83.597	.3
68	MP1A	Z	-48.265	.3
69	MP1A	Mx	.024	.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP1A	X	-83.597	4.3
71	MP1A	Z	-48.265	4.3
72	MP1A	Mx	.024	4.3
73	MP1C	X	-92.275	.3
74	MP1C	Z	-53.275	.3
75	MP1C	Mx	-.05	.3
76	MP1C	X	-92.275	4.3
77	MP1C	Z	-53.275	4.3
78	MP1C	Mx	-.05	4.3
79	MP4A	X	-83.597	.3
80	MP4A	Z	-48.265	.3
81	MP4A	Mx	.024	.3
82	MP4A	X	-83.597	4.3
83	MP4A	Z	-48.265	4.3
84	MP4A	Mx	.024	4.3
85	MP4C	X	-92.275	.3
86	MP4C	Z	-53.275	.3
87	MP4C	Mx	-.05	.3
88	MP4C	X	-92.275	4.3
89	MP4C	Z	-53.275	4.3
90	MP4C	Mx	-.05	4.3
91	MP3A	X	-37.365	.75
92	MP3A	Z	-21.573	.75
93	MP3A	Mx	-.019	.75
94	MP3B	X	-49.482	.75
95	MP3B	Z	-28.569	.75
96	MP3B	Mx	.002	.75
97	MP3C	X	-40.028	.75
98	MP3C	Z	-23.11	.75
99	MP3C	Mx	.018	.75
100	MP2A	X	-34.964	1.75
101	MP2A	Z	-20.187	1.75
102	MP2A	Mx	-.017	1.75
103	MP2B	X	-49.458	1.75
104	MP2B	Z	-28.555	1.75
105	MP2B	Mx	.002	1.75
106	MP2C	X	-38.15	1.75
107	MP2C	Z	-22.026	1.75
108	MP2C	Mx	.017	1.75
109	OVP	X	-98.607	2
110	OVP	Z	-56.931	2
111	OVP	Mx	0	2
112	MP2B	X	-30.725	4
113	MP2B	Z	-17.739	4
114	MP2B	Mx	.01	4
115	MP2B	X	-30.725	4
116	MP2B	Z	-17.739	4
117	MP2B	Mx	-.007	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-40.951	2.4
2	MP2A	Z	-70.929	2.4
3	MP2A	Mx	.074	2.4
4	MP2A	X	-40.951	6.4
5	MP2A	Z	-70.929	6.4
6	MP2A	Mx	.074	6.4
7	MP2B	X	-41.736	2.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP2B	Z	-72.288	2.4
9	MP2B	Mx	-.039	2.4
10	MP2B	X	-41.736	6.4
11	MP2B	Z	-72.288	6.4
12	MP2B	Mx	-.039	6.4
13	MP2C	X	-33.037	2.4
14	MP2C	Z	-57.221	2.4
15	MP2C	Mx	-.024	2.4
16	MP2C	X	-33.037	6.4
17	MP2C	Z	-57.221	6.4
18	MP2C	Mx	-.024	6.4
19	MP2A	X	-40.951	2.4
20	MP2A	Z	-70.929	2.4
21	MP2A	Mx	-.033	2.4
22	MP2A	X	-40.951	6.4
23	MP2A	Z	-70.929	6.4
24	MP2A	Mx	-.033	6.4
25	MP2B	X	-41.736	2.4
26	MP2B	Z	-72.288	2.4
27	MP2B	Mx	.074	2.4
28	MP2B	X	-41.736	6.4
29	MP2B	Z	-72.288	6.4
30	MP2B	Mx	.074	6.4
31	MP2C	X	-33.037	2.4
32	MP2C	Z	-57.221	2.4
33	MP2C	Mx	-.041	2.4
34	MP2C	X	-33.037	6.4
35	MP2C	Z	-57.221	6.4
36	MP2C	Mx	-.041	6.4
37	MP3A	X	-30.28	2.4
38	MP3A	Z	-52.447	2.4
39	MP3A	Mx	.015	2.4
40	MP3A	X	-30.28	4.4
41	MP3A	Z	-52.447	4.4
42	MP3A	Mx	.015	4.4
43	MP3B	X	-31.975	2.4
44	MP3B	Z	-55.383	2.4
45	MP3B	Mx	.014	2.4
46	MP3B	X	-31.975	4.4
47	MP3B	Z	-55.383	4.4
48	MP3B	Mx	.014	4.4
49	MP3C	X	-13.188	2.4
50	MP3C	Z	-22.843	2.4
51	MP3C	Mx	-.013	2.4
52	MP3C	X	-13.188	4.4
53	MP3C	Z	-22.843	4.4
54	MP3C	Mx	-.013	4.4
55	MP1B	X	-57.859	.3
56	MP1B	Z	-100.215	.3
57	MP1B	Mx	.054	.3
58	MP1B	X	-57.859	4.3
59	MP1B	Z	-100.215	4.3
60	MP1B	Mx	.054	4.3
61	MP4B	X	-57.859	.3
62	MP4B	Z	-100.215	.3
63	MP4B	Mx	.054	.3
64	MP4B	X	-57.859	4.3
65	MP4B	Z	-100.215	4.3
66	MP4B	Mx	.054	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP1A	X	-46.286	.3
68	MP1A	Z	-80.17	.3
69	MP1A	Mx	0	.3
70	MP1A	X	-46.286	4.3
71	MP1A	Z	-80.17	4.3
72	MP1A	Mx	0	4.3
73	MP1C	X	-53.962	.3
74	MP1C	Z	-93.465	.3
75	MP1C	Mx	-.053	.3
76	MP1C	X	-53.962	4.3
77	MP1C	Z	-93.465	4.3
78	MP1C	Mx	-.053	4.3
79	MP4A	X	-46.286	.3
80	MP4A	Z	-80.17	.3
81	MP4A	Mx	0	.3
82	MP4A	X	-46.286	4.3
83	MP4A	Z	-80.17	4.3
84	MP4A	Mx	0	4.3
85	MP4C	X	-53.962	.3
86	MP4C	Z	-93.465	.3
87	MP4C	Mx	-.053	.3
88	MP4C	X	-53.962	4.3
89	MP4C	Z	-93.465	4.3
90	MP4C	Mx	-.053	4.3
91	MP3A	X	-26.284	.75
92	MP3A	Z	-45.526	.75
93	MP3A	Mx	-.013	.75
94	MP3B	X	-26.957	.75
95	MP3B	Z	-46.691	.75
96	MP3B	Mx	-.011	.75
97	MP3C	X	-19.501	.75
98	MP3C	Z	-33.776	.75
99	MP3C	Mx	.019	.75
100	MP2A	X	-25.822	1.75
101	MP2A	Z	-44.726	1.75
102	MP2A	Mx	-.013	1.75
103	MP2B	X	-26.627	1.75
104	MP2B	Z	-46.119	1.75
105	MP2B	Mx	-.011	1.75
106	MP2C	X	-17.709	1.75
107	MP2C	Z	-30.672	1.75
108	MP2C	Mx	.017	1.75
109	OVP	X	-58.15	2
110	OVP	Z	-100.719	2
111	OVP	Mx	0	2
112	MP2B	X	-17.748	4
113	MP2B	Z	-30.74	4
114	MP2B	Mx	.000542	4
115	MP2B	X	-17.748	4
116	MP2B	Z	-30.74	4
117	MP2B	Mx	-.016	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.4
2	MP2A	Z	-31.821	2.4
3	MP2A	Mx	.024	2.4
4	MP2A	X	0	6.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	-31.821	6.4
6	MP2A	Mx	.024	6.4
7	MP2B	X	0	2.4
8	MP2B	Z	-26.622	2.4
9	MP2B	Mx	-.000549	2.4
10	MP2B	X	0	6.4
11	MP2B	Z	-26.622	6.4
12	MP2B	Mx	-.000549	6.4
13	MP2C	X	0	2.4
14	MP2C	Z	-24.979	2.4
15	MP2C	Mx	-.018	2.4
16	MP2C	X	0	6.4
17	MP2C	Z	-24.979	6.4
18	MP2C	Mx	-.018	6.4
19	MP2A	X	0	2.4
20	MP2A	Z	-31.821	2.4
21	MP2A	Mx	-.024	2.4
22	MP2A	X	0	6.4
23	MP2A	Z	-31.821	6.4
24	MP2A	Mx	-.024	6.4
25	MP2B	X	0	2.4
26	MP2B	Z	-26.622	2.4
27	MP2B	Mx	.022	2.4
28	MP2B	X	0	6.4
29	MP2B	Z	-26.622	6.4
30	MP2B	Mx	.022	6.4
31	MP2C	X	0	2.4
32	MP2C	Z	-24.979	2.4
33	MP2C	Mx	-.005	2.4
34	MP2C	X	0	6.4
35	MP2C	Z	-24.979	6.4
36	MP2C	Mx	-.005	6.4
37	MP3A	X	0	2.4
38	MP3A	Z	-15.699	2.4
39	MP3A	Mx	0	2.4
40	MP3A	X	0	4.4
41	MP3A	Z	-15.699	4.4
42	MP3A	Mx	0	4.4
43	MP3B	X	0	2.4
44	MP3B	Z	-9.652	2.4
45	MP3B	Mx	.004	2.4
46	MP3B	X	0	4.4
47	MP3B	Z	-9.652	4.4
48	MP3B	Mx	.004	4.4
49	MP3C	X	0	2.4
50	MP3C	Z	-7.742	2.4
51	MP3C	Mx	-.004	2.4
52	MP3C	X	0	4.4
53	MP3C	Z	-7.742	4.4
54	MP3C	Mx	-.004	4.4
55	MP1B	X	0	.3
56	MP1B	Z	-20.727	.3
57	MP1B	Mx	.01	.3
58	MP1B	X	0	4.3
59	MP1B	Z	-20.727	4.3
60	MP1B	Mx	.01	4.3
61	MP4B	X	0	.3
62	MP4B	Z	-20.727	.3
63	MP4B	Mx	.01	.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP4B	X	0	4.3
65	MP4B	Z	-20.727	4.3
66	MP4B	Mx	.01	4.3
67	MP1A	X	0	.3
68	MP1A	Z	-17.769	.3
69	MP1A	Mx	-.004	.3
70	MP1A	X	0	4.3
71	MP1A	Z	-17.769	4.3
72	MP1A	Mx	-.004	4.3
73	MP1C	X	0	.3
74	MP1C	Z	-18.671	.3
75	MP1C	Mx	-.007	.3
76	MP1C	X	0	4.3
77	MP1C	Z	-18.671	4.3
78	MP1C	Mx	-.007	4.3
79	MP4A	X	0	.3
80	MP4A	Z	-17.769	.3
81	MP4A	Mx	-.004	.3
82	MP4A	X	0	4.3
83	MP4A	Z	-17.769	4.3
84	MP4A	Mx	-.004	4.3
85	MP4C	X	0	.3
86	MP4C	Z	-18.671	.3
87	MP4C	Mx	-.007	.3
88	MP4C	X	0	4.3
89	MP4C	Z	-18.671	4.3
90	MP4C	Mx	-.007	4.3
91	MP3A	X	0	.75
92	MP3A	Z	-13.231	.75
93	MP3A	Mx	0	.75
94	MP3B	X	0	.75
95	MP3B	Z	-10.529	.75
96	MP3B	Mx	-.004	.75
97	MP3C	X	0	.75
98	MP3C	Z	-9.675	.75
99	MP3C	Mx	.005	.75
100	MP2A	X	0	1.75
101	MP2A	Z	-13.231	1.75
102	MP2A	Mx	0	1.75
103	MP2B	X	0	1.75
104	MP2B	Z	-10.043	1.75
105	MP2B	Mx	-.004	1.75
106	MP2C	X	0	1.75
107	MP2C	Z	-9.035	1.75
108	MP2C	Mx	.004	1.75
109	OVP	X	0	2
110	OVP	Z	-24.742	2
111	OVP	Mx	0	2
112	MP2B	X	0	4
113	MP2B	Z	-5.782	4
114	MP2B	Mx	-.002	4
115	MP2B	X	0	4
116	MP2B	Z	-5.782	4
117	MP2B	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	14.942	2.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	-25.88	2.4
3	MP2A	Mx	.012	2.4
4	MP2A	X	14.942	6.4
5	MP2A	Z	-25.88	6.4
6	MP2A	Mx	.012	6.4
7	MP2B	X	12.066	2.4
8	MP2B	Z	-20.899	2.4
9	MP2B	Mx	.01	2.4
10	MP2B	X	12.066	6.4
11	MP2B	Z	-20.899	6.4
12	MP2B	Mx	.01	6.4
13	MP2C	X	14.31	2.4
14	MP2C	Z	-24.786	2.4
15	MP2C	Mx	-.026	2.4
16	MP2C	X	14.31	6.4
17	MP2C	Z	-24.786	6.4
18	MP2C	Mx	-.026	6.4
19	MP2A	X	14.942	2.4
20	MP2A	Z	-25.88	2.4
21	MP2A	Mx	-.027	2.4
22	MP2A	X	14.942	6.4
23	MP2A	Z	-25.88	6.4
24	MP2A	Mx	-.027	6.4
25	MP2B	X	12.066	2.4
26	MP2B	Z	-20.899	2.4
27	MP2B	Mx	.014	2.4
28	MP2B	X	12.066	6.4
29	MP2B	Z	-20.899	6.4
30	MP2B	Mx	.014	6.4
31	MP2C	X	14.31	2.4
32	MP2C	Z	-24.786	2.4
33	MP2C	Mx	.007	2.4
34	MP2C	X	14.31	6.4
35	MP2C	Z	-24.786	6.4
36	MP2C	Mx	.007	6.4
37	MP3A	X	6.723	2.4
38	MP3A	Z	-11.644	2.4
39	MP3A	Mx	-.003	2.4
40	MP3A	X	6.723	4.4
41	MP3A	Z	-11.644	4.4
42	MP3A	Mx	-.003	4.4
43	MP3B	X	3.378	2.4
44	MP3B	Z	-5.851	2.4
45	MP3B	Mx	.003	2.4
46	MP3B	X	3.378	4.4
47	MP3B	Z	-5.851	4.4
48	MP3B	Mx	.003	4.4
49	MP3C	X	5.988	2.4
50	MP3C	Z	-10.371	2.4
51	MP3C	Mx	-.004	2.4
52	MP3C	X	5.988	4.4
53	MP3C	Z	-10.371	4.4
54	MP3C	Mx	-.004	4.4
55	MP1B	X	10.847	.3
56	MP1B	Z	-18.787	.3
57	MP1B	Mx	.008	.3
58	MP1B	X	10.847	4.3
59	MP1B	Z	-18.787	4.3
60	MP1B	Mx	.008	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP4B	X	10.847	.3
62	MP4B	Z	-18.787	.3
63	MP4B	Mx	.008	.3
64	MP4B	X	10.847	4.3
65	MP4B	Z	-18.787	4.3
66	MP4B	Mx	.008	4.3
67	MP1A	X	9.554	.3
68	MP1A	Z	-16.548	.3
69	MP1A	Mx	-.008	.3
70	MP1A	X	9.554	4.3
71	MP1A	Z	-16.548	4.3
72	MP1A	Mx	-.008	4.3
73	MP1C	X	8.706	.3
74	MP1C	Z	-15.08	.3
75	MP1C	Mx	-.003	.3
76	MP1C	X	8.706	4.3
77	MP1C	Z	-15.08	4.3
78	MP1C	Mx	-.003	4.3
79	MP4A	X	9.554	.3
80	MP4A	Z	-16.548	.3
81	MP4A	Mx	-.008	.3
82	MP4A	X	9.554	4.3
83	MP4A	Z	-16.548	4.3
84	MP4A	Mx	-.008	4.3
85	MP4C	X	8.706	.3
86	MP4C	Z	-15.08	.3
87	MP4C	Mx	-.003	.3
88	MP4C	X	8.706	4.3
89	MP4C	Z	-15.08	4.3
90	MP4C	Mx	-.003	4.3
91	MP3A	X	6.112	.75
92	MP3A	Z	-10.587	.75
93	MP3A	Mx	.003	.75
94	MP3B	X	4.617	.75
95	MP3B	Z	-7.997	.75
96	MP3B	Mx	-.005	.75
97	MP3C	X	5.784	.75
98	MP3C	Z	-10.018	.75
99	MP3C	Mx	.004	.75
100	MP2A	X	6.022	1.75
101	MP2A	Z	-10.43	1.75
102	MP2A	Mx	.003	1.75
103	MP2B	X	4.258	1.75
104	MP2B	Z	-7.374	1.75
105	MP2B	Mx	-.004	1.75
106	MP2C	X	5.634	1.75
107	MP2C	Z	-9.758	1.75
108	MP2C	Mx	.004	1.75
109	OVP	X	10.978	2
110	OVP	Z	-19.015	2
111	OVP	Mx	0	2
112	MP2B	X	3.62	4
113	MP2B	Z	-6.269	4
114	MP2B	Mx	-.003	4
115	MP2B	X	3.62	4
116	MP2B	Z	-6.269	4
117	MP2B	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	22.525	2.4
2	MP2A	Z	-13.005	2.4
3	MP2A	Mx	-.002	2.4
4	MP2A	X	22.525	6.4
5	MP2A	Z	-13.005	6.4
6	MP2A	Mx	-.002	6.4
7	MP2B	X	22.046	2.4
8	MP2B	Z	-12.728	2.4
9	MP2B	Mx	.02	2.4
10	MP2B	X	22.046	6.4
11	MP2B	Z	-12.728	6.4
12	MP2B	Mx	.02	6.4
13	MP2C	X	27.356	2.4
14	MP2C	Z	-15.794	2.4
15	MP2C	Mx	-.026	2.4
16	MP2C	X	27.356	6.4
17	MP2C	Z	-15.794	6.4
18	MP2C	Mx	-.026	6.4
19	MP2A	X	22.525	2.4
20	MP2A	Z	-13.005	2.4
21	MP2A	Mx	-.021	2.4
22	MP2A	X	22.525	6.4
23	MP2A	Z	-13.005	6.4
24	MP2A	Mx	-.021	6.4
25	MP2B	X	22.046	2.4
26	MP2B	Z	-12.728	2.4
27	MP2B	Mx	.003	2.4
28	MP2B	X	22.046	6.4
29	MP2B	Z	-12.728	6.4
30	MP2B	Mx	.003	6.4
31	MP2C	X	27.356	2.4
32	MP2C	Z	-15.794	2.4
33	MP2C	Mx	.021	2.4
34	MP2C	X	27.356	6.4
35	MP2C	Z	-15.794	6.4
36	MP2C	Mx	.021	6.4
37	MP3A	X	7.742	2.4
38	MP3A	Z	-4.47	2.4
39	MP3A	Mx	-.004	2.4
40	MP3A	X	7.742	4.4
41	MP3A	Z	-4.47	4.4
42	MP3A	Mx	-.004	4.4
43	MP3B	X	7.185	2.4
44	MP3B	Z	-4.148	2.4
45	MP3B	Mx	.004	2.4
46	MP3B	X	7.185	4.4
47	MP3B	Z	-4.148	4.4
48	MP3B	Mx	.004	4.4
49	MP3C	X	13.36	2.4
50	MP3C	Z	-7.713	2.4
51	MP3C	Mx	-.001	2.4
52	MP3C	X	13.36	4.4
53	MP3C	Z	-7.713	4.4
54	MP3C	Mx	-.001	4.4
55	MP1B	X	19.814	.3
56	MP1B	Z	-11.44	.3
57	MP1B	Mx	.004	.3
58	MP1B	X	19.814	4.3
59	MP1B	Z	-11.44	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.004	4.3
61	MP4B	X	19.814	.3
62	MP4B	Z	-11.44	.3
63	MP4B	Mx	.004	.3
64	MP4B	X	19.814	4.3
65	MP4B	Z	-11.44	4.3
66	MP4B	Mx	.004	4.3
67	MP1A	X	17.128	.3
68	MP1A	Z	-9.889	.3
69	MP1A	Mx	-.01	.3
70	MP1A	X	17.128	4.3
71	MP1A	Z	-9.889	4.3
72	MP1A	Mx	-.01	4.3
73	MP1C	X	14.878	.3
74	MP1C	Z	-8.59	.3
75	MP1C	Mx	.001	.3
76	MP1C	X	14.878	4.3
77	MP1C	Z	-8.59	4.3
78	MP1C	Mx	.001	4.3
79	MP4A	X	17.128	.3
80	MP4A	Z	-9.889	.3
81	MP4A	Mx	-.01	.3
82	MP4A	X	17.128	4.3
83	MP4A	Z	-9.889	4.3
84	MP4A	Mx	-.01	4.3
85	MP4C	X	14.878	.3
86	MP4C	Z	-8.59	.3
87	MP4C	Mx	.001	.3
88	MP4C	X	14.878	4.3
89	MP4C	Z	-8.59	4.3
90	MP4C	Mx	.001	4.3
91	MP3A	X	8.843	.75
92	MP3A	Z	-5.105	.75
93	MP3A	Mx	.004	.75
94	MP3B	X	8.594	.75
95	MP3B	Z	-4.962	.75
96	MP3B	Mx	-.004	.75
97	MP3C	X	11.354	.75
98	MP3C	Z	-6.555	.75
99	MP3C	Mx	.001	.75
100	MP2A	X	8.372	1.75
101	MP2A	Z	-4.834	1.75
102	MP2A	Mx	.004	1.75
103	MP2B	X	8.078	1.75
104	MP2B	Z	-4.664	1.75
105	MP2B	Mx	-.004	1.75
106	MP2C	X	11.335	1.75
107	MP2C	Z	-6.544	1.75
108	MP2C	Mx	.001	1.75
109	OVP	X	18.569	2
110	OVP	Z	-10.721	2
111	OVP	Mx	0	2
112	MP2B	X	5.598	4
113	MP2B	Z	-3.232	4
114	MP2B	Mx	-.004	4
115	MP2B	X	5.598	4
116	MP2B	Z	-3.232	4
117	MP2B	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.073	2.4
2	MP2A	Z	0	2.4
3	MP2A	Mx	-.012	2.4
4	MP2A	X	24.073	6.4
5	MP2A	Z	0	6.4
6	MP2A	Mx	-.012	6.4
7	MP2B	X	29.272	2.4
8	MP2B	Z	0	2.4
9	MP2B	Mx	.026	2.4
10	MP2B	X	29.272	6.4
11	MP2B	Z	0	6.4
12	MP2B	Mx	.026	6.4
13	MP2C	X	30.915	2.4
14	MP2C	Z	0	2.4
15	MP2C	Mx	-.017	2.4
16	MP2C	X	30.915	6.4
17	MP2C	Z	0	6.4
18	MP2C	Mx	-.017	6.4
19	MP2A	X	24.073	2.4
20	MP2A	Z	0	2.4
21	MP2A	Mx	-.012	2.4
22	MP2A	X	24.073	6.4
23	MP2A	Z	0	6.4
24	MP2A	Mx	-.012	6.4
25	MP2B	X	29.272	2.4
26	MP2B	Z	0	2.4
27	MP2B	Mx	-.01	2.4
28	MP2B	X	29.272	6.4
29	MP2B	Z	0	6.4
30	MP2B	Mx	-.01	6.4
31	MP2C	X	30.915	2.4
32	MP2C	Z	0	2.4
33	MP2C	Mx	.027	2.4
34	MP2C	X	30.915	6.4
35	MP2C	Z	0	6.4
36	MP2C	Mx	.027	6.4
37	MP3A	X	6.687	2.4
38	MP3A	Z	0	2.4
39	MP3A	Mx	-.003	2.4
40	MP3A	X	6.687	4.4
41	MP3A	Z	0	4.4
42	MP3A	Mx	-.003	4.4
43	MP3B	X	12.734	2.4
44	MP3B	Z	0	2.4
45	MP3B	Mx	.004	2.4
46	MP3B	X	12.734	4.4
47	MP3B	Z	0	4.4
48	MP3B	Mx	.004	4.4
49	MP3C	X	14.645	2.4
50	MP3C	Z	0	2.4
51	MP3C	Mx	.003	2.4
52	MP3C	X	14.645	4.4
53	MP3C	Z	0	4.4
54	MP3C	Mx	.003	4.4
55	MP1B	X	23.099	.3
56	MP1B	Z	0	.3
57	MP1B	Mx	-.002	.3
58	MP1B	X	23.099	4.3
59	MP1B	Z	0	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.002	4.3
61	MP4B	X	23.099	.3
62	MP4B	Z	0	.3
63	MP4B	Mx	-.002	.3
64	MP4B	X	23.099	4.3
65	MP4B	Z	0	4.3
66	MP4B	Mx	-.002	4.3
67	MP1A	X	19.108	.3
68	MP1A	Z	0	.3
69	MP1A	Mx	-.008	.3
70	MP1A	X	19.108	4.3
71	MP1A	Z	0	4.3
72	MP1A	Mx	-.008	4.3
73	MP1C	X	18.206	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	.006	.3
76	MP1C	X	18.206	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	.006	4.3
79	MP4A	X	19.108	.3
80	MP4A	Z	0	.3
81	MP4A	Mx	-.008	.3
82	MP4A	X	19.108	4.3
83	MP4A	Z	0	4.3
84	MP4A	Mx	-.008	4.3
85	MP4C	X	18.206	.3
86	MP4C	Z	0	.3
87	MP4C	Mx	.006	.3
88	MP4C	X	18.206	4.3
89	MP4C	Z	0	4.3
90	MP4C	Mx	.006	4.3
91	MP3A	X	9.204	.75
92	MP3A	Z	0	.75
93	MP3A	Mx	.005	.75
94	MP3B	X	11.906	.75
95	MP3B	Z	0	.75
96	MP3B	Mx	-.003	.75
97	MP3C	X	12.76	.75
98	MP3C	Z	0	.75
99	MP3C	Mx	-.002	.75
100	MP2A	X	8.479	1.75
101	MP2A	Z	0	1.75
102	MP2A	Mx	.004	1.75
103	MP2B	X	11.668	1.75
104	MP2B	Z	0	1.75
105	MP2B	Mx	-.003	1.75
106	MP2C	X	12.676	1.75
107	MP2C	Z	0	1.75
108	MP2C	Mx	-.002	1.75
109	OVP	X	23.712	2
110	OVP	Z	0	2
111	OVP	Mx	0	2
112	MP2B	X	4.232	4
113	MP2B	Z	0	4
114	MP2B	Mx	-.002	4
115	MP2B	X	4.232	4
116	MP2B	Z	0	4
117	MP2B	Mx	-.000347	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	22.525	2.4
2	MP2A	Z	13.005	2.4
3	MP2A	Mx	-.021	2.4
4	MP2A	X	22.525	6.4
5	MP2A	Z	13.005	6.4
6	MP2A	Mx	-.021	6.4
7	MP2B	X	27.507	2.4
8	MP2B	Z	15.881	2.4
9	MP2B	Mx	.025	2.4
10	MP2B	X	27.507	6.4
11	MP2B	Z	15.881	6.4
12	MP2B	Mx	.025	6.4
13	MP2C	X	23.62	2.4
14	MP2C	Z	13.637	2.4
15	MP2C	Mx	-.003	2.4
16	MP2C	X	23.62	6.4
17	MP2C	Z	13.637	6.4
18	MP2C	Mx	-.003	6.4
19	MP2A	X	22.525	2.4
20	MP2A	Z	13.005	2.4
21	MP2A	Mx	-.002	2.4
22	MP2A	X	22.525	6.4
23	MP2A	Z	13.005	6.4
24	MP2A	Mx	-.002	6.4
25	MP2B	X	27.507	2.4
26	MP2B	Z	15.881	2.4
27	MP2B	Mx	-.022	2.4
28	MP2B	X	27.507	6.4
29	MP2B	Z	15.881	6.4
30	MP2B	Mx	-.022	6.4
31	MP2C	X	23.62	2.4
32	MP2C	Z	13.637	2.4
33	MP2C	Mx	.024	2.4
34	MP2C	X	23.62	6.4
35	MP2C	Z	13.637	6.4
36	MP2C	Mx	.024	6.4
37	MP3A	X	7.742	2.4
38	MP3A	Z	4.47	2.4
39	MP3A	Mx	-.004	2.4
40	MP3A	X	7.742	4.4
41	MP3A	Z	4.47	4.4
42	MP3A	Mx	-.004	4.4
43	MP3B	X	13.536	2.4
44	MP3B	Z	7.815	2.4
45	MP3B	Mx	.000681	2.4
46	MP3B	X	13.536	4.4
47	MP3B	Z	7.815	4.4
48	MP3B	Mx	.000681	4.4
49	MP3C	X	9.016	2.4
50	MP3C	Z	5.205	2.4
51	MP3C	Mx	.004	2.4
52	MP3C	X	9.016	4.4
53	MP3C	Z	5.205	4.4
54	MP3C	Mx	.004	4.4
55	MP1B	X	19.167	.3
56	MP1B	Z	11.066	.3
57	MP1B	Mx	-.007	.3
58	MP1B	X	19.167	4.3
59	MP1B	Z	11.066	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.007	4.3
61	MP4B	X	19.167	.3
62	MP4B	Z	11.066	.3
63	MP4B	Mx	-.007	.3
64	MP4B	X	19.167	4.3
65	MP4B	Z	11.066	4.3
66	MP4B	Mx	-.007	4.3
67	MP1A	X	15.388	.3
68	MP1A	Z	8.884	.3
69	MP1A	Mx	-.004	.3
70	MP1A	X	15.388	4.3
71	MP1A	Z	8.884	4.3
72	MP1A	Mx	-.004	4.3
73	MP1C	X	16.857	.3
74	MP1C	Z	9.732	.3
75	MP1C	Mx	.009	.3
76	MP1C	X	16.857	4.3
77	MP1C	Z	9.732	4.3
78	MP1C	Mx	.009	4.3
79	MP4A	X	15.388	.3
80	MP4A	Z	8.884	.3
81	MP4A	Mx	-.004	.3
82	MP4A	X	15.388	4.3
83	MP4A	Z	8.884	4.3
84	MP4A	Mx	-.004	4.3
85	MP4C	X	16.857	.3
86	MP4C	Z	9.732	.3
87	MP4C	Mx	.009	.3
88	MP4C	X	16.857	4.3
89	MP4C	Z	9.732	4.3
90	MP4C	Mx	.009	4.3
91	MP3A	X	8.843	.75
92	MP3A	Z	5.105	.75
93	MP3A	Mx	.004	.75
94	MP3B	X	11.432	.75
95	MP3B	Z	6.6	.75
96	MP3B	Mx	-.000575	.75
97	MP3C	X	9.412	.75
98	MP3C	Z	5.434	.75
99	MP3C	Mx	-.004	.75
100	MP2A	X	8.372	1.75
101	MP2A	Z	4.834	1.75
102	MP2A	Mx	.004	1.75
103	MP2B	X	11.428	1.75
104	MP2B	Z	6.598	1.75
105	MP2B	Mx	-.000575	1.75
106	MP2C	X	9.044	1.75
107	MP2C	Z	5.221	1.75
108	MP2C	Mx	-.004	1.75
109	OVP	X	22.948	2
110	OVP	Z	13.249	2
111	OVP	Mx	0	2
112	MP2B	X	2.403	4
113	MP2B	Z	1.388	4
114	MP2B	Mx	-.000812	4
115	MP2B	X	2.403	4
116	MP2B	Z	1.388	4
117	MP2B	Mx	.00057	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	14.942	2.4
2	MP2A	Z	25.88	2.4
3	MP2A	Mx	-.027	2.4
4	MP2A	X	14.942	6.4
5	MP2A	Z	25.88	6.4
6	MP2A	Mx	-.027	6.4
7	MP2B	X	15.219	2.4
8	MP2B	Z	26.359	2.4
9	MP2B	Mx	.014	2.4
10	MP2B	X	15.219	6.4
11	MP2B	Z	26.359	6.4
12	MP2B	Mx	.014	6.4
13	MP2C	X	12.153	2.4
14	MP2C	Z	21.05	2.4
15	MP2C	Mx	.009	2.4
16	MP2C	X	12.153	6.4
17	MP2C	Z	21.05	6.4
18	MP2C	Mx	.009	6.4
19	MP2A	X	14.942	2.4
20	MP2A	Z	25.88	2.4
21	MP2A	Mx	.012	2.4
22	MP2A	X	14.942	6.4
23	MP2A	Z	25.88	6.4
24	MP2A	Mx	.012	6.4
25	MP2B	X	15.219	2.4
26	MP2B	Z	26.359	2.4
27	MP2B	Mx	-.027	2.4
28	MP2B	X	15.219	6.4
29	MP2B	Z	26.359	6.4
30	MP2B	Mx	-.027	6.4
31	MP2C	X	12.153	2.4
32	MP2C	Z	21.05	2.4
33	MP2C	Mx	.015	2.4
34	MP2C	X	12.153	6.4
35	MP2C	Z	21.05	6.4
36	MP2C	Mx	.015	6.4
37	MP3A	X	6.723	2.4
38	MP3A	Z	11.644	2.4
39	MP3A	Mx	-.003	2.4
40	MP3A	X	6.723	4.4
41	MP3A	Z	11.644	4.4
42	MP3A	Mx	-.003	4.4
43	MP3B	X	7.045	2.4
44	MP3B	Z	12.202	2.4
45	MP3B	Mx	-.003	2.4
46	MP3B	X	7.045	4.4
47	MP3B	Z	12.202	4.4
48	MP3B	Mx	-.003	4.4
49	MP3C	X	3.48	2.4
50	MP3C	Z	6.027	2.4
51	MP3C	Mx	.003	2.4
52	MP3C	X	3.48	4.4
53	MP3C	Z	6.027	4.4
54	MP3C	Mx	.003	4.4
55	MP1B	X	10.473	.3
56	MP1B	Z	18.14	.3
57	MP1B	Mx	-.01	.3
58	MP1B	X	10.473	4.3
59	MP1B	Z	18.14	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.01	4.3
61	MP4B	X	10.473	.3
62	MP4B	Z	18.14	.3
63	MP4B	Mx	-.01	.3
64	MP4B	X	10.473	4.3
65	MP4B	Z	18.14	4.3
66	MP4B	Mx	-.01	4.3
67	MP1A	X	8.55	.3
68	MP1A	Z	14.808	.3
69	MP1A	Mx	0	.3
70	MP1A	X	8.55	4.3
71	MP1A	Z	14.808	4.3
72	MP1A	Mx	0	4.3
73	MP1C	X	9.849	.3
74	MP1C	Z	17.059	.3
75	MP1C	Mx	.01	.3
76	MP1C	X	9.849	4.3
77	MP1C	Z	17.059	4.3
78	MP1C	Mx	.01	4.3
79	MP4A	X	8.55	.3
80	MP4A	Z	14.808	.3
81	MP4A	Mx	0	.3
82	MP4A	X	8.55	4.3
83	MP4A	Z	14.808	4.3
84	MP4A	Mx	0	4.3
85	MP4C	X	9.849	.3
86	MP4C	Z	17.059	.3
87	MP4C	Mx	.01	.3
88	MP4C	X	9.849	4.3
89	MP4C	Z	17.059	4.3
90	MP4C	Mx	.01	4.3
91	MP3A	X	6.112	.75
92	MP3A	Z	10.587	.75
93	MP3A	Mx	.003	.75
94	MP3B	X	6.256	.75
95	MP3B	Z	10.836	.75
96	MP3B	Mx	.003	.75
97	MP3C	X	4.663	.75
98	MP3C	Z	8.076	.75
99	MP3C	Mx	-.005	.75
100	MP2A	X	6.022	1.75
101	MP2A	Z	10.43	1.75
102	MP2A	Mx	.003	1.75
103	MP2B	X	6.191	1.75
104	MP2B	Z	10.724	1.75
105	MP2B	Mx	.003	1.75
106	MP2C	X	4.311	1.75
107	MP2C	Z	7.467	1.75
108	MP2C	Mx	-.004	1.75
109	OVP	X	13.506	2
110	OVP	Z	23.393	2
111	OVP	Mx	0	2
112	MP2B	X	1.775	4
113	MP2B	Z	3.075	4
114	MP2B	Mx	-5.4e-5	4
115	MP2B	X	1.775	4
116	MP2B	Z	3.075	4
117	MP2B	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.4
2	MP2A	Z	31.821	2.4
3	MP2A	Mx	-.024	2.4
4	MP2A	X	0	6.4
5	MP2A	Z	31.821	6.4
6	MP2A	Mx	-.024	6.4
7	MP2B	X	0	2.4
8	MP2B	Z	26.622	2.4
9	MP2B	Mx	.000549	2.4
10	MP2B	X	0	6.4
11	MP2B	Z	26.622	6.4
12	MP2B	Mx	.000549	6.4
13	MP2C	X	0	2.4
14	MP2C	Z	24.979	2.4
15	MP2C	Mx	.018	2.4
16	MP2C	X	0	6.4
17	MP2C	Z	24.979	6.4
18	MP2C	Mx	.018	6.4
19	MP2A	X	0	2.4
20	MP2A	Z	31.821	2.4
21	MP2A	Mx	.024	2.4
22	MP2A	X	0	6.4
23	MP2A	Z	31.821	6.4
24	MP2A	Mx	.024	6.4
25	MP2B	X	0	2.4
26	MP2B	Z	26.622	2.4
27	MP2B	Mx	-.022	2.4
28	MP2B	X	0	6.4
29	MP2B	Z	26.622	6.4
30	MP2B	Mx	-.022	6.4
31	MP2C	X	0	2.4
32	MP2C	Z	24.979	2.4
33	MP2C	Mx	.005	2.4
34	MP2C	X	0	6.4
35	MP2C	Z	24.979	6.4
36	MP2C	Mx	.005	6.4
37	MP3A	X	0	2.4
38	MP3A	Z	15.699	2.4
39	MP3A	Mx	0	2.4
40	MP3A	X	0	4.4
41	MP3A	Z	15.699	4.4
42	MP3A	Mx	0	4.4
43	MP3B	X	0	2.4
44	MP3B	Z	9.652	2.4
45	MP3B	Mx	-.004	2.4
46	MP3B	X	0	4.4
47	MP3B	Z	9.652	4.4
48	MP3B	Mx	-.004	4.4
49	MP3C	X	0	2.4
50	MP3C	Z	7.742	2.4
51	MP3C	Mx	.004	2.4
52	MP3C	X	0	4.4
53	MP3C	Z	7.742	4.4
54	MP3C	Mx	.004	4.4
55	MP1B	X	0	.3
56	MP1B	Z	20.727	.3
57	MP1B	Mx	-.01	.3
58	MP1B	X	0	4.3
59	MP1B	Z	20.727	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.01	4.3
61	MP4B	X	0	.3
62	MP4B	Z	20.727	.3
63	MP4B	Mx	-.01	.3
64	MP4B	X	0	4.3
65	MP4B	Z	20.727	4.3
66	MP4B	Mx	-.01	4.3
67	MP1A	X	0	.3
68	MP1A	Z	17.769	.3
69	MP1A	Mx	.004	.3
70	MP1A	X	0	4.3
71	MP1A	Z	17.769	4.3
72	MP1A	Mx	.004	4.3
73	MP1C	X	0	.3
74	MP1C	Z	18.671	.3
75	MP1C	Mx	.007	.3
76	MP1C	X	0	4.3
77	MP1C	Z	18.671	4.3
78	MP1C	Mx	.007	4.3
79	MP4A	X	0	.3
80	MP4A	Z	17.769	.3
81	MP4A	Mx	.004	.3
82	MP4A	X	0	4.3
83	MP4A	Z	17.769	4.3
84	MP4A	Mx	.004	4.3
85	MP4C	X	0	.3
86	MP4C	Z	18.671	.3
87	MP4C	Mx	.007	.3
88	MP4C	X	0	4.3
89	MP4C	Z	18.671	4.3
90	MP4C	Mx	.007	4.3
91	MP3A	X	0	.75
92	MP3A	Z	13.231	.75
93	MP3A	Mx	0	.75
94	MP3B	X	0	.75
95	MP3B	Z	10.529	.75
96	MP3B	Mx	.004	.75
97	MP3C	X	0	.75
98	MP3C	Z	9.675	.75
99	MP3C	Mx	-.005	.75
100	MP2A	X	0	1.75
101	MP2A	Z	13.231	1.75
102	MP2A	Mx	0	1.75
103	MP2B	X	0	1.75
104	MP2B	Z	10.043	1.75
105	MP2B	Mx	.004	1.75
106	MP2C	X	0	1.75
107	MP2C	Z	9.035	1.75
108	MP2C	Mx	-.004	1.75
109	OVP	X	0	2
110	OVP	Z	24.742	2
111	OVP	Mx	0	2
112	MP2B	X	0	4
113	MP2B	Z	5.782	4
114	MP2B	Mx	.002	4
115	MP2B	X	0	4
116	MP2B	Z	5.782	4
117	MP2B	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-14.942	2.4
2	MP2A	Z	25.88	2.4
3	MP2A	Mx	-.012	2.4
4	MP2A	X	-14.942	6.4
5	MP2A	Z	25.88	6.4
6	MP2A	Mx	-.012	6.4
7	MP2B	X	-12.066	2.4
8	MP2B	Z	20.899	2.4
9	MP2B	Mx	-.01	2.4
10	MP2B	X	-12.066	6.4
11	MP2B	Z	20.899	6.4
12	MP2B	Mx	-.01	6.4
13	MP2C	X	-14.31	2.4
14	MP2C	Z	24.786	2.4
15	MP2C	Mx	.026	2.4
16	MP2C	X	-14.31	6.4
17	MP2C	Z	24.786	6.4
18	MP2C	Mx	.026	6.4
19	MP2A	X	-14.942	2.4
20	MP2A	Z	25.88	2.4
21	MP2A	Mx	.027	2.4
22	MP2A	X	-14.942	6.4
23	MP2A	Z	25.88	6.4
24	MP2A	Mx	.027	6.4
25	MP2B	X	-12.066	2.4
26	MP2B	Z	20.899	2.4
27	MP2B	Mx	-.014	2.4
28	MP2B	X	-12.066	6.4
29	MP2B	Z	20.899	6.4
30	MP2B	Mx	-.014	6.4
31	MP2C	X	-14.31	2.4
32	MP2C	Z	24.786	2.4
33	MP2C	Mx	-.007	2.4
34	MP2C	X	-14.31	6.4
35	MP2C	Z	24.786	6.4
36	MP2C	Mx	-.007	6.4
37	MP3A	X	-6.723	2.4
38	MP3A	Z	11.644	2.4
39	MP3A	Mx	.003	2.4
40	MP3A	X	-6.723	4.4
41	MP3A	Z	11.644	4.4
42	MP3A	Mx	.003	4.4
43	MP3B	X	-3.378	2.4
44	MP3B	Z	5.851	2.4
45	MP3B	Mx	-.003	2.4
46	MP3B	X	-3.378	4.4
47	MP3B	Z	5.851	4.4
48	MP3B	Mx	-.003	4.4
49	MP3C	X	-5.988	2.4
50	MP3C	Z	10.371	2.4
51	MP3C	Mx	.004	2.4
52	MP3C	X	-5.988	4.4
53	MP3C	Z	10.371	4.4
54	MP3C	Mx	.004	4.4
55	MP1B	X	-10.847	.3
56	MP1B	Z	18.787	.3
57	MP1B	Mx	-.008	.3
58	MP1B	X	-10.847	4.3
59	MP1B	Z	18.787	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.008	4.3
61	MP4B	X	-10.847	.3
62	MP4B	Z	18.787	.3
63	MP4B	Mx	-.008	.3
64	MP4B	X	-10.847	4.3
65	MP4B	Z	18.787	4.3
66	MP4B	Mx	-.008	4.3
67	MP1A	X	-9.554	.3
68	MP1A	Z	16.548	.3
69	MP1A	Mx	.008	.3
70	MP1A	X	-9.554	4.3
71	MP1A	Z	16.548	4.3
72	MP1A	Mx	.008	4.3
73	MP1C	X	-8.706	.3
74	MP1C	Z	15.08	.3
75	MP1C	Mx	.003	.3
76	MP1C	X	-8.706	4.3
77	MP1C	Z	15.08	4.3
78	MP1C	Mx	.003	4.3
79	MP4A	X	-9.554	.3
80	MP4A	Z	16.548	.3
81	MP4A	Mx	.008	.3
82	MP4A	X	-9.554	4.3
83	MP4A	Z	16.548	4.3
84	MP4A	Mx	.008	4.3
85	MP4C	X	-8.706	.3
86	MP4C	Z	15.08	.3
87	MP4C	Mx	.003	.3
88	MP4C	X	-8.706	4.3
89	MP4C	Z	15.08	4.3
90	MP4C	Mx	.003	4.3
91	MP3A	X	-6.112	.75
92	MP3A	Z	10.587	.75
93	MP3A	Mx	-.003	.75
94	MP3B	X	-4.617	.75
95	MP3B	Z	7.997	.75
96	MP3B	Mx	.005	.75
97	MP3C	X	-5.784	.75
98	MP3C	Z	10.018	.75
99	MP3C	Mx	-.004	.75
100	MP2A	X	-6.022	1.75
101	MP2A	Z	10.43	1.75
102	MP2A	Mx	-.003	1.75
103	MP2B	X	-4.258	1.75
104	MP2B	Z	7.374	1.75
105	MP2B	Mx	.004	1.75
106	MP2C	X	-5.634	1.75
107	MP2C	Z	9.758	1.75
108	MP2C	Mx	-.004	1.75
109	OVP	X	-10.978	2
110	OVP	Z	19.015	2
111	OVP	Mx	0	2
112	MP2B	X	-3.62	4
113	MP2B	Z	6.269	4
114	MP2B	Mx	.003	4
115	MP2B	X	-3.62	4
116	MP2B	Z	6.269	4
117	MP2B	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-22.525	2.4
2	MP2A	Z	13.005	2.4
3	MP2A	Mx	.002	2.4
4	MP2A	X	-22.525	6.4
5	MP2A	Z	13.005	6.4
6	MP2A	Mx	.002	6.4
7	MP2B	X	-22.046	2.4
8	MP2B	Z	12.728	2.4
9	MP2B	Mx	-.02	2.4
10	MP2B	X	-22.046	6.4
11	MP2B	Z	12.728	6.4
12	MP2B	Mx	-.02	6.4
13	MP2C	X	-27.356	2.4
14	MP2C	Z	15.794	2.4
15	MP2C	Mx	.026	2.4
16	MP2C	X	-27.356	6.4
17	MP2C	Z	15.794	6.4
18	MP2C	Mx	.026	6.4
19	MP2A	X	-22.525	2.4
20	MP2A	Z	13.005	2.4
21	MP2A	Mx	.021	2.4
22	MP2A	X	-22.525	6.4
23	MP2A	Z	13.005	6.4
24	MP2A	Mx	.021	6.4
25	MP2B	X	-22.046	2.4
26	MP2B	Z	12.728	2.4
27	MP2B	Mx	-.003	2.4
28	MP2B	X	-22.046	6.4
29	MP2B	Z	12.728	6.4
30	MP2B	Mx	-.003	6.4
31	MP2C	X	-27.356	2.4
32	MP2C	Z	15.794	2.4
33	MP2C	Mx	-.021	2.4
34	MP2C	X	-27.356	6.4
35	MP2C	Z	15.794	6.4
36	MP2C	Mx	-.021	6.4
37	MP3A	X	-7.742	2.4
38	MP3A	Z	4.47	2.4
39	MP3A	Mx	.004	2.4
40	MP3A	X	-7.742	4.4
41	MP3A	Z	4.47	4.4
42	MP3A	Mx	.004	4.4
43	MP3B	X	-7.185	2.4
44	MP3B	Z	4.148	2.4
45	MP3B	Mx	-.004	2.4
46	MP3B	X	-7.185	4.4
47	MP3B	Z	4.148	4.4
48	MP3B	Mx	-.004	4.4
49	MP3C	X	-13.36	2.4
50	MP3C	Z	7.713	2.4
51	MP3C	Mx	.001	2.4
52	MP3C	X	-13.36	4.4
53	MP3C	Z	7.713	4.4
54	MP3C	Mx	.001	4.4
55	MP1B	X	-19.814	.3
56	MP1B	Z	11.44	.3
57	MP1B	Mx	-.004	.3
58	MP1B	X	-19.814	4.3
59	MP1B	Z	11.44	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.004	4.3
61	MP4B	X	-19.814	.3
62	MP4B	Z	11.44	.3
63	MP4B	Mx	-.004	.3
64	MP4B	X	-19.814	4.3
65	MP4B	Z	11.44	4.3
66	MP4B	Mx	-.004	4.3
67	MP1A	X	-17.128	.3
68	MP1A	Z	9.889	.3
69	MP1A	Mx	.01	.3
70	MP1A	X	-17.128	4.3
71	MP1A	Z	9.889	4.3
72	MP1A	Mx	.01	4.3
73	MP1C	X	-14.878	.3
74	MP1C	Z	8.59	.3
75	MP1C	Mx	-.001	.3
76	MP1C	X	-14.878	4.3
77	MP1C	Z	8.59	4.3
78	MP1C	Mx	-.001	4.3
79	MP4A	X	-17.128	.3
80	MP4A	Z	9.889	.3
81	MP4A	Mx	.01	.3
82	MP4A	X	-17.128	4.3
83	MP4A	Z	9.889	4.3
84	MP4A	Mx	.01	4.3
85	MP4C	X	-14.878	.3
86	MP4C	Z	8.59	.3
87	MP4C	Mx	-.001	.3
88	MP4C	X	-14.878	4.3
89	MP4C	Z	8.59	4.3
90	MP4C	Mx	-.001	4.3
91	MP3A	X	-8.843	.75
92	MP3A	Z	5.105	.75
93	MP3A	Mx	-.004	.75
94	MP3B	X	-8.594	.75
95	MP3B	Z	4.962	.75
96	MP3B	Mx	.004	.75
97	MP3C	X	-11.354	.75
98	MP3C	Z	6.555	.75
99	MP3C	Mx	-.001	.75
100	MP2A	X	-8.372	1.75
101	MP2A	Z	4.834	1.75
102	MP2A	Mx	-.004	1.75
103	MP2B	X	-8.078	1.75
104	MP2B	Z	4.664	1.75
105	MP2B	Mx	.004	1.75
106	MP2C	X	-11.335	1.75
107	MP2C	Z	6.544	1.75
108	MP2C	Mx	-.001	1.75
109	OVP	X	-18.569	2
110	OVP	Z	10.721	2
111	OVP	Mx	0	2
112	MP2B	X	-5.598	4
113	MP2B	Z	3.232	4
114	MP2B	Mx	.004	4
115	MP2B	X	-5.598	4
116	MP2B	Z	3.232	4
117	MP2B	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.073	2.4
2	MP2A	Z	0	2.4
3	MP2A	Mx	.012	2.4
4	MP2A	X	-24.073	6.4
5	MP2A	Z	0	6.4
6	MP2A	Mx	.012	6.4
7	MP2B	X	-29.272	2.4
8	MP2B	Z	0	2.4
9	MP2B	Mx	-.026	2.4
10	MP2B	X	-29.272	6.4
11	MP2B	Z	0	6.4
12	MP2B	Mx	-.026	6.4
13	MP2C	X	-30.915	2.4
14	MP2C	Z	0	2.4
15	MP2C	Mx	.017	2.4
16	MP2C	X	-30.915	6.4
17	MP2C	Z	0	6.4
18	MP2C	Mx	.017	6.4
19	MP2A	X	-24.073	2.4
20	MP2A	Z	0	2.4
21	MP2A	Mx	.012	2.4
22	MP2A	X	-24.073	6.4
23	MP2A	Z	0	6.4
24	MP2A	Mx	.012	6.4
25	MP2B	X	-29.272	2.4
26	MP2B	Z	0	2.4
27	MP2B	Mx	.01	2.4
28	MP2B	X	-29.272	6.4
29	MP2B	Z	0	6.4
30	MP2B	Mx	.01	6.4
31	MP2C	X	-30.915	2.4
32	MP2C	Z	0	2.4
33	MP2C	Mx	-.027	2.4
34	MP2C	X	-30.915	6.4
35	MP2C	Z	0	6.4
36	MP2C	Mx	-.027	6.4
37	MP3A	X	-6.687	2.4
38	MP3A	Z	0	2.4
39	MP3A	Mx	.003	2.4
40	MP3A	X	-6.687	4.4
41	MP3A	Z	0	4.4
42	MP3A	Mx	.003	4.4
43	MP3B	X	-12.734	2.4
44	MP3B	Z	0	2.4
45	MP3B	Mx	-.004	2.4
46	MP3B	X	-12.734	4.4
47	MP3B	Z	0	4.4
48	MP3B	Mx	-.004	4.4
49	MP3C	X	-14.645	2.4
50	MP3C	Z	0	2.4
51	MP3C	Mx	-.003	2.4
52	MP3C	X	-14.645	4.4
53	MP3C	Z	0	4.4
54	MP3C	Mx	-.003	4.4
55	MP1B	X	-23.099	.3
56	MP1B	Z	0	.3
57	MP1B	Mx	.002	.3
58	MP1B	X	-23.099	4.3
59	MP1B	Z	0	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.002	4.3
61	MP4B	X	-23.099	.3
62	MP4B	Z	0	.3
63	MP4B	Mx	.002	.3
64	MP4B	X	-23.099	4.3
65	MP4B	Z	0	4.3
66	MP4B	Mx	.002	4.3
67	MP1A	X	-19.108	.3
68	MP1A	Z	0	.3
69	MP1A	Mx	.008	.3
70	MP1A	X	-19.108	4.3
71	MP1A	Z	0	4.3
72	MP1A	Mx	.008	4.3
73	MP1C	X	-18.206	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	-.006	.3
76	MP1C	X	-18.206	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	-.006	4.3
79	MP4A	X	-19.108	.3
80	MP4A	Z	0	.3
81	MP4A	Mx	.008	.3
82	MP4A	X	-19.108	4.3
83	MP4A	Z	0	4.3
84	MP4A	Mx	.008	4.3
85	MP4C	X	-18.206	.3
86	MP4C	Z	0	.3
87	MP4C	Mx	-.006	.3
88	MP4C	X	-18.206	4.3
89	MP4C	Z	0	4.3
90	MP4C	Mx	-.006	4.3
91	MP3A	X	-9.204	.75
92	MP3A	Z	0	.75
93	MP3A	Mx	-.005	.75
94	MP3B	X	-11.906	.75
95	MP3B	Z	0	.75
96	MP3B	Mx	.003	.75
97	MP3C	X	-12.76	.75
98	MP3C	Z	0	.75
99	MP3C	Mx	.002	.75
100	MP2A	X	-8.479	1.75
101	MP2A	Z	0	1.75
102	MP2A	Mx	-.004	1.75
103	MP2B	X	-11.668	1.75
104	MP2B	Z	0	1.75
105	MP2B	Mx	.003	1.75
106	MP2C	X	-12.676	1.75
107	MP2C	Z	0	1.75
108	MP2C	Mx	.002	1.75
109	OVP	X	-23.712	2
110	OVP	Z	0	2
111	OVP	Mx	0	2
112	MP2B	X	-4.232	4
113	MP2B	Z	0	4
114	MP2B	Mx	.002	4
115	MP2B	X	-4.232	4
116	MP2B	Z	0	4
117	MP2B	Mx	.000347	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-22.525	2.4
2	MP2A	Z	-13.005	2.4
3	MP2A	Mx	.021	2.4
4	MP2A	X	-22.525	6.4
5	MP2A	Z	-13.005	6.4
6	MP2A	Mx	.021	6.4
7	MP2B	X	-27.507	2.4
8	MP2B	Z	-15.881	2.4
9	MP2B	Mx	-.025	2.4
10	MP2B	X	-27.507	6.4
11	MP2B	Z	-15.881	6.4
12	MP2B	Mx	-.025	6.4
13	MP2C	X	-23.62	2.4
14	MP2C	Z	-13.637	2.4
15	MP2C	Mx	.003	2.4
16	MP2C	X	-23.62	6.4
17	MP2C	Z	-13.637	6.4
18	MP2C	Mx	.003	6.4
19	MP2A	X	-22.525	2.4
20	MP2A	Z	-13.005	2.4
21	MP2A	Mx	.002	2.4
22	MP2A	X	-22.525	6.4
23	MP2A	Z	-13.005	6.4
24	MP2A	Mx	.002	6.4
25	MP2B	X	-27.507	2.4
26	MP2B	Z	-15.881	2.4
27	MP2B	Mx	.022	2.4
28	MP2B	X	-27.507	6.4
29	MP2B	Z	-15.881	6.4
30	MP2B	Mx	.022	6.4
31	MP2C	X	-23.62	2.4
32	MP2C	Z	-13.637	2.4
33	MP2C	Mx	-.024	2.4
34	MP2C	X	-23.62	6.4
35	MP2C	Z	-13.637	6.4
36	MP2C	Mx	-.024	6.4
37	MP3A	X	-7.742	2.4
38	MP3A	Z	-4.47	2.4
39	MP3A	Mx	.004	2.4
40	MP3A	X	-7.742	4.4
41	MP3A	Z	-4.47	4.4
42	MP3A	Mx	.004	4.4
43	MP3B	X	-13.536	2.4
44	MP3B	Z	-7.815	2.4
45	MP3B	Mx	-.000681	2.4
46	MP3B	X	-13.536	4.4
47	MP3B	Z	-7.815	4.4
48	MP3B	Mx	-.000681	4.4
49	MP3C	X	-9.016	2.4
50	MP3C	Z	-5.205	2.4
51	MP3C	Mx	-.004	2.4
52	MP3C	X	-9.016	4.4
53	MP3C	Z	-5.205	4.4
54	MP3C	Mx	-.004	4.4
55	MP1B	X	-19.167	.3
56	MP1B	Z	-11.066	.3
57	MP1B	Mx	.007	.3
58	MP1B	X	-19.167	4.3
59	MP1B	Z	-11.066	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.007	4.3
61	MP4B	X	-19.167	.3
62	MP4B	Z	-11.066	.3
63	MP4B	Mx	.007	.3
64	MP4B	X	-19.167	4.3
65	MP4B	Z	-11.066	4.3
66	MP4B	Mx	.007	4.3
67	MP1A	X	-15.388	.3
68	MP1A	Z	-8.884	.3
69	MP1A	Mx	.004	.3
70	MP1A	X	-15.388	4.3
71	MP1A	Z	-8.884	4.3
72	MP1A	Mx	.004	4.3
73	MP1C	X	-16.857	.3
74	MP1C	Z	-9.732	.3
75	MP1C	Mx	-.009	.3
76	MP1C	X	-16.857	4.3
77	MP1C	Z	-9.732	4.3
78	MP1C	Mx	-.009	4.3
79	MP4A	X	-15.388	.3
80	MP4A	Z	-8.884	.3
81	MP4A	Mx	.004	.3
82	MP4A	X	-15.388	4.3
83	MP4A	Z	-8.884	4.3
84	MP4A	Mx	.004	4.3
85	MP4C	X	-16.857	.3
86	MP4C	Z	-9.732	.3
87	MP4C	Mx	-.009	.3
88	MP4C	X	-16.857	4.3
89	MP4C	Z	-9.732	4.3
90	MP4C	Mx	-.009	4.3
91	MP3A	X	-8.843	.75
92	MP3A	Z	-5.105	.75
93	MP3A	Mx	-.004	.75
94	MP3B	X	-11.432	.75
95	MP3B	Z	-6.6	.75
96	MP3B	Mx	.000575	.75
97	MP3C	X	-9.412	.75
98	MP3C	Z	-5.434	.75
99	MP3C	Mx	.004	.75
100	MP2A	X	-8.372	1.75
101	MP2A	Z	-4.834	1.75
102	MP2A	Mx	-.004	1.75
103	MP2B	X	-11.428	1.75
104	MP2B	Z	-6.598	1.75
105	MP2B	Mx	.000575	1.75
106	MP2C	X	-9.044	1.75
107	MP2C	Z	-5.221	1.75
108	MP2C	Mx	.004	1.75
109	OVP	X	-22.948	2
110	OVP	Z	-13.249	2
111	OVP	Mx	0	2
112	MP2B	X	-2.403	4
113	MP2B	Z	-1.388	4
114	MP2B	Mx	.000812	4
115	MP2B	X	-2.403	4
116	MP2B	Z	-1.388	4
117	MP2B	Mx	-.00057	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-14.942	2.4
2	MP2A	Z	-25.88	2.4
3	MP2A	Mx	.027	2.4
4	MP2A	X	-14.942	6.4
5	MP2A	Z	-25.88	6.4
6	MP2A	Mx	.027	6.4
7	MP2B	X	-15.219	2.4
8	MP2B	Z	-26.359	2.4
9	MP2B	Mx	-.014	2.4
10	MP2B	X	-15.219	6.4
11	MP2B	Z	-26.359	6.4
12	MP2B	Mx	-.014	6.4
13	MP2C	X	-12.153	2.4
14	MP2C	Z	-21.05	2.4
15	MP2C	Mx	-.009	2.4
16	MP2C	X	-12.153	6.4
17	MP2C	Z	-21.05	6.4
18	MP2C	Mx	-.009	6.4
19	MP2A	X	-14.942	2.4
20	MP2A	Z	-25.88	2.4
21	MP2A	Mx	-.012	2.4
22	MP2A	X	-14.942	6.4
23	MP2A	Z	-25.88	6.4
24	MP2A	Mx	-.012	6.4
25	MP2B	X	-15.219	2.4
26	MP2B	Z	-26.359	2.4
27	MP2B	Mx	.027	2.4
28	MP2B	X	-15.219	6.4
29	MP2B	Z	-26.359	6.4
30	MP2B	Mx	.027	6.4
31	MP2C	X	-12.153	2.4
32	MP2C	Z	-21.05	2.4
33	MP2C	Mx	-.015	2.4
34	MP2C	X	-12.153	6.4
35	MP2C	Z	-21.05	6.4
36	MP2C	Mx	-.015	6.4
37	MP3A	X	-6.723	2.4
38	MP3A	Z	-11.644	2.4
39	MP3A	Mx	.003	2.4
40	MP3A	X	-6.723	4.4
41	MP3A	Z	-11.644	4.4
42	MP3A	Mx	.003	4.4
43	MP3B	X	-7.045	2.4
44	MP3B	Z	-12.202	2.4
45	MP3B	Mx	.003	2.4
46	MP3B	X	-7.045	4.4
47	MP3B	Z	-12.202	4.4
48	MP3B	Mx	.003	4.4
49	MP3C	X	-3.48	2.4
50	MP3C	Z	-6.027	2.4
51	MP3C	Mx	-.003	2.4
52	MP3C	X	-3.48	4.4
53	MP3C	Z	-6.027	4.4
54	MP3C	Mx	-.003	4.4
55	MP1B	X	-10.473	.3
56	MP1B	Z	-18.14	.3
57	MP1B	Mx	.01	.3
58	MP1B	X	-10.473	4.3
59	MP1B	Z	-18.14	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.01	4.3
61	MP4B	X	-10.473	.3
62	MP4B	Z	-18.14	.3
63	MP4B	Mx	.01	.3
64	MP4B	X	-10.473	4.3
65	MP4B	Z	-18.14	4.3
66	MP4B	Mx	.01	4.3
67	MP1A	X	-8.55	.3
68	MP1A	Z	-14.808	.3
69	MP1A	Mx	0	.3
70	MP1A	X	-8.55	4.3
71	MP1A	Z	-14.808	4.3
72	MP1A	Mx	0	4.3
73	MP1C	X	-9.849	.3
74	MP1C	Z	-17.059	.3
75	MP1C	Mx	-.01	.3
76	MP1C	X	-9.849	4.3
77	MP1C	Z	-17.059	4.3
78	MP1C	Mx	-.01	4.3
79	MP4A	X	-8.55	.3
80	MP4A	Z	-14.808	.3
81	MP4A	Mx	0	.3
82	MP4A	X	-8.55	4.3
83	MP4A	Z	-14.808	4.3
84	MP4A	Mx	0	4.3
85	MP4C	X	-9.849	.3
86	MP4C	Z	-17.059	.3
87	MP4C	Mx	-.01	.3
88	MP4C	X	-9.849	4.3
89	MP4C	Z	-17.059	4.3
90	MP4C	Mx	-.01	4.3
91	MP3A	X	-6.112	.75
92	MP3A	Z	-10.587	.75
93	MP3A	Mx	-.003	.75
94	MP3B	X	-6.256	.75
95	MP3B	Z	-10.836	.75
96	MP3B	Mx	-.003	.75
97	MP3C	X	-4.663	.75
98	MP3C	Z	-8.076	.75
99	MP3C	Mx	.005	.75
100	MP2A	X	-6.022	1.75
101	MP2A	Z	-10.43	1.75
102	MP2A	Mx	-.003	1.75
103	MP2B	X	-6.191	1.75
104	MP2B	Z	-10.724	1.75
105	MP2B	Mx	-.003	1.75
106	MP2C	X	-4.311	1.75
107	MP2C	Z	-7.467	1.75
108	MP2C	Mx	.004	1.75
109	OVP	X	-13.506	2
110	OVP	Z	-23.393	2
111	OVP	Mx	0	2
112	MP2B	X	-1.775	4
113	MP2B	Z	-3.075	4
114	MP2B	Mx	5.4e-5	4
115	MP2B	X	-1.775	4
116	MP2B	Z	-3.075	4
117	MP2B	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.4
2	MP2A	Z	-5.034	2.4
3	MP2A	Mx	.004	2.4
4	MP2A	X	0	6.4
5	MP2A	Z	-5.034	6.4
6	MP2A	Mx	.004	6.4
7	MP2B	X	0	2.4
8	MP2B	Z	-4.184	2.4
9	MP2B	Mx	-8.6e-5	2.4
10	MP2B	X	0	6.4
11	MP2B	Z	-4.184	6.4
12	MP2B	Mx	-8.6e-5	6.4
13	MP2C	X	0	2.4
14	MP2C	Z	-3.916	2.4
15	MP2C	Mx	-.003	2.4
16	MP2C	X	0	6.4
17	MP2C	Z	-3.916	6.4
18	MP2C	Mx	-.003	6.4
19	MP2A	X	0	2.4
20	MP2A	Z	-5.034	2.4
21	MP2A	Mx	-.004	2.4
22	MP2A	X	0	6.4
23	MP2A	Z	-5.034	6.4
24	MP2A	Mx	-.004	6.4
25	MP2B	X	0	2.4
26	MP2B	Z	-4.184	2.4
27	MP2B	Mx	.004	2.4
28	MP2B	X	0	6.4
29	MP2B	Z	-4.184	6.4
30	MP2B	Mx	.004	6.4
31	MP2C	X	0	2.4
32	MP2C	Z	-3.916	2.4
33	MP2C	Mx	-.000835	2.4
34	MP2C	X	0	6.4
35	MP2C	Z	-3.916	6.4
36	MP2C	Mx	-.000835	6.4
37	MP3A	X	0	2.4
38	MP3A	Z	-4.172	2.4
39	MP3A	Mx	0	2.4
40	MP3A	X	0	4.4
41	MP3A	Z	-4.172	4.4
42	MP3A	Mx	0	4.4
43	MP3B	X	0	2.4
44	MP3B	Z	-2.337	2.4
45	MP3B	Mx	.000957	2.4
46	MP3B	X	0	4.4
47	MP3B	Z	-2.337	4.4
48	MP3B	Mx	.000957	4.4
49	MP3C	X	0	2.4
50	MP3C	Z	-1.757	2.4
51	MP3C	Mx	-.000826	2.4
52	MP3C	X	0	4.4
53	MP3C	Z	-1.757	4.4
54	MP3C	Mx	-.000826	4.4
55	MP1B	X	0	.3
56	MP1B	Z	-6.583	.3
57	MP1B	Mx	.003	.3
58	MP1B	X	0	4.3
59	MP1B	Z	-6.583	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.003	4.3
61	MP4B	X	0	.3
62	MP4B	Z	-6.583	.3
63	MP4B	Mx	.003	.3
64	MP4B	X	0	4.3
65	MP4B	Z	-6.583	4.3
66	MP4B	Mx	.003	4.3
67	MP1A	X	0	.3
68	MP1A	Z	-5.56	.3
69	MP1A	Mx	-.001	.3
70	MP1A	X	0	4.3
71	MP1A	Z	-5.56	4.3
72	MP1A	Mx	-.001	4.3
73	MP1C	X	0	.3
74	MP1C	Z	-5.867	.3
75	MP1C	Mx	-.002	.3
76	MP1C	X	0	4.3
77	MP1C	Z	-5.867	4.3
78	MP1C	Mx	-.002	4.3
79	MP4A	X	0	.3
80	MP4A	Z	-5.56	.3
81	MP4A	Mx	-.001	.3
82	MP4A	X	0	4.3
83	MP4A	Z	-5.56	4.3
84	MP4A	Mx	-.001	4.3
85	MP4C	X	0	.3
86	MP4C	Z	-5.867	.3
87	MP4C	Mx	-.002	.3
88	MP4C	X	0	4.3
89	MP4C	Z	-5.867	4.3
90	MP4C	Mx	-.002	4.3
91	MP3A	X	0	.75
92	MP3A	Z	-3.299	.75
93	MP3A	Mx	0	.75
94	MP3B	X	0	.75
95	MP3B	Z	-2.571	.75
96	MP3B	Mx	-.001	.75
97	MP3C	X	0	.75
98	MP3C	Z	-2.341	.75
99	MP3C	Mx	.001	.75
100	MP2A	X	0	1.75
101	MP2A	Z	-3.299	1.75
102	MP2A	Mx	0	1.75
103	MP2B	X	0	1.75
104	MP2B	Z	-2.428	1.75
105	MP2B	Mx	-.000994	1.75
106	MP2C	X	0	1.75
107	MP2C	Z	-2.153	1.75
108	MP2C	Mx	.001	1.75
109	OVP	X	0	2
110	OVP	Z	-6.079	2
111	OVP	Mx	0	2
112	MP2B	X	0	4
113	MP2B	Z	-2.048	4
114	MP2B	Mx	-.000545	4
115	MP2B	X	0	4
116	MP2B	Z	-2.048	4
117	MP2B	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.359	2.4
2	MP2A	Z	-4.086	2.4
3	MP2A	Mx	.002	2.4
4	MP2A	X	2.359	6.4
5	MP2A	Z	-4.086	6.4
6	MP2A	Mx	.002	6.4
7	MP2B	X	1.889	2.4
8	MP2B	Z	-3.271	2.4
9	MP2B	Mx	.002	2.4
10	MP2B	X	1.889	6.4
11	MP2B	Z	-3.271	6.4
12	MP2B	Mx	.002	6.4
13	MP2C	X	2.255	2.4
14	MP2C	Z	-3.907	2.4
15	MP2C	Mx	-.004	2.4
16	MP2C	X	2.255	6.4
17	MP2C	Z	-3.907	6.4
18	MP2C	Mx	-.004	6.4
19	MP2A	X	2.359	2.4
20	MP2A	Z	-4.086	2.4
21	MP2A	Mx	-.004	2.4
22	MP2A	X	2.359	6.4
23	MP2A	Z	-4.086	6.4
24	MP2A	Mx	-.004	6.4
25	MP2B	X	1.889	2.4
26	MP2B	Z	-3.271	2.4
27	MP2B	Mx	.002	2.4
28	MP2B	X	1.889	6.4
29	MP2B	Z	-3.271	6.4
30	MP2B	Mx	.002	6.4
31	MP2C	X	2.255	2.4
32	MP2C	Z	-3.907	2.4
33	MP2C	Mx	.001	2.4
34	MP2C	X	2.255	6.4
35	MP2C	Z	-3.907	6.4
36	MP2C	Mx	.001	6.4
37	MP3A	X	1.744	2.4
38	MP3A	Z	-3.021	2.4
39	MP3A	Mx	-.000872	2.4
40	MP3A	X	1.744	4.4
41	MP3A	Z	-3.021	4.4
42	MP3A	Mx	-.000872	4.4
43	MP3B	X	.729	2.4
44	MP3B	Z	-1.262	2.4
45	MP3B	Mx	.000726	2.4
46	MP3B	X	.729	4.4
47	MP3B	Z	-1.262	4.4
48	MP3B	Mx	.000726	4.4
49	MP3C	X	1.521	2.4
50	MP3C	Z	-2.634	2.4
51	MP3C	Mx	-.000977	2.4
52	MP3C	X	1.521	4.4
53	MP3C	Z	-2.634	4.4
54	MP3C	Mx	-.000977	4.4
55	MP1B	X	3.473	.3
56	MP1B	Z	-6.016	.3
57	MP1B	Mx	.003	.3
58	MP1B	X	3.473	4.3
59	MP1B	Z	-6.016	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.003	4.3
61	MP4B	X	3.473	.3
62	MP4B	Z	-6.016	.3
63	MP4B	Mx	.003	.3
64	MP4B	X	3.473	4.3
65	MP4B	Z	-6.016	4.3
66	MP4B	Mx	.003	4.3
67	MP1A	X	3.008	.3
68	MP1A	Z	-5.21	.3
69	MP1A	Mx	-.003	.3
70	MP1A	X	3.008	4.3
71	MP1A	Z	-5.21	4.3
72	MP1A	Mx	-.003	4.3
73	MP1C	X	2.719	.3
74	MP1C	Z	-4.71	.3
75	MP1C	Mx	-.00093	.3
76	MP1C	X	2.719	4.3
77	MP1C	Z	-4.71	4.3
78	MP1C	Mx	-.00093	4.3
79	MP4A	X	3.008	.3
80	MP4A	Z	-5.21	.3
81	MP4A	Mx	-.003	.3
82	MP4A	X	3.008	4.3
83	MP4A	Z	-5.21	4.3
84	MP4A	Mx	-.003	4.3
85	MP4C	X	2.719	.3
86	MP4C	Z	-4.71	.3
87	MP4C	Mx	-.00093	.3
88	MP4C	X	2.719	4.3
89	MP4C	Z	-4.71	4.3
90	MP4C	Mx	-.00093	4.3
91	MP3A	X	1.514	.75
92	MP3A	Z	-2.622	.75
93	MP3A	Mx	.000757	.75
94	MP3B	X	1.111	.75
95	MP3B	Z	-1.924	.75
96	MP3B	Mx	-.001	.75
97	MP3C	X	1.425	.75
98	MP3C	Z	-2.469	.75
99	MP3C	Mx	.000916	.75
100	MP2A	X	1.487	1.75
101	MP2A	Z	-2.576	1.75
102	MP2A	Mx	.000744	1.75
103	MP2B	X	1.005	1.75
104	MP2B	Z	-1.741	1.75
105	MP2B	Mx	-.001	1.75
106	MP2C	X	1.381	1.75
107	MP2C	Z	-2.393	1.75
108	MP2C	Mx	.000888	1.75
109	OVP	X	2.66	2
110	OVP	Z	-4.607	2
111	OVP	Mx	0	2
112	MP2B	X	1.025	4
113	MP2B	Z	-1.775	4
114	MP2B	Mx	-.000976	4
115	MP2B	X	1.025	4
116	MP2B	Z	-1.775	4
117	MP2B	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.537	2.4
2	MP2A	Z	-2.042	2.4
3	MP2A	Mx	-.000237	2.4
4	MP2A	X	3.537	6.4
5	MP2A	Z	-2.042	6.4
6	MP2A	Mx	-.000237	6.4
7	MP2B	X	3.459	2.4
8	MP2B	Z	-1.997	2.4
9	MP2B	Mx	.003	2.4
10	MP2B	X	3.459	6.4
11	MP2B	Z	-1.997	6.4
12	MP2B	Mx	.003	6.4
13	MP2C	X	4.327	2.4
14	MP2C	Z	-2.498	2.4
15	MP2C	Mx	-.004	2.4
16	MP2C	X	4.327	6.4
17	MP2C	Z	-2.498	6.4
18	MP2C	Mx	-.004	6.4
19	MP2A	X	3.537	2.4
20	MP2A	Z	-2.042	2.4
21	MP2A	Mx	-.003	2.4
22	MP2A	X	3.537	6.4
23	MP2A	Z	-2.042	6.4
24	MP2A	Mx	-.003	6.4
25	MP2B	X	3.459	2.4
26	MP2B	Z	-1.997	2.4
27	MP2B	Mx	.000544	2.4
28	MP2B	X	3.459	6.4
29	MP2B	Z	-1.997	6.4
30	MP2B	Mx	.000544	6.4
31	MP2C	X	4.327	2.4
32	MP2C	Z	-2.498	2.4
33	MP2C	Mx	.003	2.4
34	MP2C	X	4.327	6.4
35	MP2C	Z	-2.498	6.4
36	MP2C	Mx	.003	6.4
37	MP3A	X	1.837	2.4
38	MP3A	Z	-1.06	2.4
39	MP3A	Mx	-.000918	2.4
40	MP3A	X	1.837	4.4
41	MP3A	Z	-1.06	4.4
42	MP3A	Mx	-.000918	4.4
43	MP3B	X	1.667	2.4
44	MP3B	Z	-.963	2.4
45	MP3B	Mx	.000872	2.4
46	MP3B	X	1.667	4.4
47	MP3B	Z	-.963	4.4
48	MP3B	Mx	.000872	4.4
49	MP3C	X	3.542	2.4
50	MP3C	Z	-2.045	2.4
51	MP3C	Mx	-.000355	2.4
52	MP3C	X	3.542	4.4
53	MP3C	Z	-2.045	4.4
54	MP3C	Mx	-.000355	4.4
55	MP1B	X	6.402	.3
56	MP1B	Z	-3.696	.3
57	MP1B	Mx	.001	.3
58	MP1B	X	6.402	4.3
59	MP1B	Z	-3.696	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.001	4.3
61	MP4B	X	6.402	.3
62	MP4B	Z	-3.696	.3
63	MP4B	Mx	.001	.3
64	MP4B	X	6.402	4.3
65	MP4B	Z	-3.696	4.3
66	MP4B	Mx	.001	4.3
67	MP1A	X	5.407	.3
68	MP1A	Z	-3.122	.3
69	MP1A	Mx	-.003	.3
70	MP1A	X	5.407	4.3
71	MP1A	Z	-3.122	4.3
72	MP1A	Mx	-.003	4.3
73	MP1C	X	4.642	.3
74	MP1C	Z	-2.68	.3
75	MP1C	Mx	.000465	.3
76	MP1C	X	4.642	4.3
77	MP1C	Z	-2.68	4.3
78	MP1C	Mx	.000465	4.3
79	MP4A	X	5.407	.3
80	MP4A	Z	-3.122	.3
81	MP4A	Mx	-.003	.3
82	MP4A	X	5.407	4.3
83	MP4A	Z	-3.122	4.3
84	MP4A	Mx	-.003	4.3
85	MP4C	X	4.642	.3
86	MP4C	Z	-2.68	.3
87	MP4C	Mx	.000465	.3
88	MP4C	X	4.642	4.3
89	MP4C	Z	-2.68	4.3
90	MP4C	Mx	.000465	4.3
91	MP3A	X	2.152	.75
92	MP3A	Z	-1.243	.75
93	MP3A	Mx	.001	.75
94	MP3B	X	2.085	.75
95	MP3B	Z	-1.204	.75
96	MP3B	Mx	-.001	.75
97	MP3C	X	2.829	.75
98	MP3C	Z	-1.633	.75
99	MP3C	Mx	.000283	.75
100	MP2A	X	2.014	1.75
101	MP2A	Z	-1.163	1.75
102	MP2A	Mx	.001	1.75
103	MP2B	X	1.934	1.75
104	MP2B	Z	-1.116	1.75
105	MP2B	Mx	-.001	1.75
106	MP2C	X	2.823	1.75
107	MP2C	Z	-1.63	1.75
108	MP2C	Mx	.000283	1.75
109	OVP	X	4.485	2
110	OVP	Z	-2.589	2
111	OVP	Mx	0	2
112	MP2B	X	1.774	4
113	MP2B	Z	-1.024	4
114	MP2B	Mx	-.001	4
115	MP2B	X	1.774	4
116	MP2B	Z	-1.024	4
117	MP2B	Mx	-.000712	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.768	2.4
2	MP2A	Z	0	2.4
3	MP2A	Mx	-.002	2.4
4	MP2A	X	3.768	6.4
5	MP2A	Z	0	6.4
6	MP2A	Mx	-.002	6.4
7	MP2B	X	4.617	2.4
8	MP2B	Z	0	2.4
9	MP2B	Mx	.004	2.4
10	MP2B	X	4.617	6.4
11	MP2B	Z	0	6.4
12	MP2B	Mx	.004	6.4
13	MP2C	X	4.886	2.4
14	MP2C	Z	0	2.4
15	MP2C	Mx	-.003	2.4
16	MP2C	X	4.886	6.4
17	MP2C	Z	0	6.4
18	MP2C	Mx	-.003	6.4
19	MP2A	X	3.768	2.4
20	MP2A	Z	0	2.4
21	MP2A	Mx	-.002	2.4
22	MP2A	X	3.768	6.4
23	MP2A	Z	0	6.4
24	MP2A	Mx	-.002	6.4
25	MP2B	X	4.617	2.4
26	MP2B	Z	0	2.4
27	MP2B	Mx	-.002	2.4
28	MP2B	X	4.617	6.4
29	MP2B	Z	0	6.4
30	MP2B	Mx	-.002	6.4
31	MP2C	X	4.886	2.4
32	MP2C	Z	0	2.4
33	MP2C	Mx	.004	2.4
34	MP2C	X	4.886	6.4
35	MP2C	Z	0	6.4
36	MP2C	Mx	.004	6.4
37	MP3A	X	1.437	2.4
38	MP3A	Z	0	2.4
39	MP3A	Mx	-.000718	2.4
40	MP3A	X	1.437	4.4
41	MP3A	Z	0	4.4
42	MP3A	Mx	-.000718	4.4
43	MP3B	X	3.272	2.4
44	MP3B	Z	0	2.4
45	MP3B	Mx	.000938	2.4
46	MP3B	X	3.272	4.4
47	MP3B	Z	0	4.4
48	MP3B	Mx	.000938	4.4
49	MP3C	X	3.852	2.4
50	MP3C	Z	0	2.4
51	MP3C	Mx	.000659	2.4
52	MP3C	X	3.852	4.4
53	MP3C	Z	0	4.4
54	MP3C	Mx	.000659	4.4
55	MP1B	X	7.475	.3
56	MP1B	Z	0	.3
57	MP1B	Mx	-.000649	.3
58	MP1B	X	7.475	4.3
59	MP1B	Z	0	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.000649	4.3
61	MP4B	X	7.475	.3
62	MP4B	Z	0	.3
63	MP4B	Mx	-.000649	.3
64	MP4B	X	7.475	4.3
65	MP4B	Z	0	4.3
66	MP4B	Mx	-.000649	4.3
67	MP1A	X	6.016	.3
68	MP1A	Z	0	.3
69	MP1A	Mx	-.003	.3
70	MP1A	X	6.016	4.3
71	MP1A	Z	0	4.3
72	MP1A	Mx	-.003	4.3
73	MP1C	X	5.709	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	.002	.3
76	MP1C	X	5.709	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	.002	4.3
79	MP4A	X	6.016	.3
80	MP4A	Z	0	.3
81	MP4A	Mx	-.003	.3
82	MP4A	X	6.016	4.3
83	MP4A	Z	0	4.3
84	MP4A	Mx	-.003	4.3
85	MP4C	X	5.709	.3
86	MP4C	Z	0	.3
87	MP4C	Mx	.002	.3
88	MP4C	X	5.709	4.3
89	MP4C	Z	0	4.3
90	MP4C	Mx	.002	4.3
91	MP3A	X	2.214	.75
92	MP3A	Z	0	.75
93	MP3A	Mx	.001	.75
94	MP3B	X	2.942	.75
95	MP3B	Z	0	.75
96	MP3B	Mx	-.000844	.75
97	MP3C	X	3.172	.75
98	MP3C	Z	0	.75
99	MP3C	Mx	-.000542	.75
100	MP2A	X	2.001	1.75
101	MP2A	Z	0	1.75
102	MP2A	Mx	.001	1.75
103	MP2B	X	2.872	1.75
104	MP2B	Z	0	1.75
105	MP2B	Mx	-.000824	1.75
106	MP2C	X	3.147	1.75
107	MP2C	Z	0	1.75
108	MP2C	Mx	-.000538	1.75
109	OVP	X	5.798	2
110	OVP	Z	0	2
111	OVP	Mx	0	2
112	MP2B	X	2.045	4
113	MP2B	Z	0	4
114	MP2B	Mx	-.001	4
115	MP2B	X	2.045	4
116	MP2B	Z	0	4
117	MP2B	Mx	-.000168	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.537	2.4
2	MP2A	Z	2.042	2.4
3	MP2A	Mx	-.003	2.4
4	MP2A	X	3.537	6.4
5	MP2A	Z	2.042	6.4
6	MP2A	Mx	-.003	6.4
7	MP2B	X	4.351	2.4
8	MP2B	Z	2.512	2.4
9	MP2B	Mx	.004	2.4
10	MP2B	X	4.351	6.4
11	MP2B	Z	2.512	6.4
12	MP2B	Mx	.004	6.4
13	MP2C	X	3.716	2.4
14	MP2C	Z	2.145	2.4
15	MP2C	Mx	-.000425	2.4
16	MP2C	X	3.716	6.4
17	MP2C	Z	2.145	6.4
18	MP2C	Mx	-.000425	6.4
19	MP2A	X	3.537	2.4
20	MP2A	Z	2.042	2.4
21	MP2A	Mx	-.000237	2.4
22	MP2A	X	3.537	6.4
23	MP2A	Z	2.042	6.4
24	MP2A	Mx	-.000237	6.4
25	MP2B	X	4.351	2.4
26	MP2B	Z	2.512	2.4
27	MP2B	Mx	-.004	2.4
28	MP2B	X	4.351	6.4
29	MP2B	Z	2.512	6.4
30	MP2B	Mx	-.004	6.4
31	MP2C	X	3.716	2.4
32	MP2C	Z	2.145	2.4
33	MP2C	Mx	.004	2.4
34	MP2C	X	3.716	6.4
35	MP2C	Z	2.145	6.4
36	MP2C	Mx	.004	6.4
37	MP3A	X	1.837	2.4
38	MP3A	Z	1.06	2.4
39	MP3A	Mx	-.000918	2.4
40	MP3A	X	1.837	4.4
41	MP3A	Z	1.06	4.4
42	MP3A	Mx	-.000918	4.4
43	MP3B	X	3.595	2.4
44	MP3B	Z	2.076	2.4
45	MP3B	Mx	.000181	2.4
46	MP3B	X	3.595	4.4
47	MP3B	Z	2.076	4.4
48	MP3B	Mx	.000181	4.4
49	MP3C	X	2.223	2.4
50	MP3C	Z	1.283	2.4
51	MP3C	Mx	.000983	2.4
52	MP3C	X	2.223	4.4
53	MP3C	Z	1.283	4.4
54	MP3C	Mx	.000983	4.4
55	MP1B	X	6.159	.3
56	MP1B	Z	3.556	.3
57	MP1B	Mx	-.002	.3
58	MP1B	X	6.159	4.3
59	MP1B	Z	3.556	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.002	4.3
61	MP4B	X	6.159	.3
62	MP4B	Z	3.556	.3
63	MP4B	Mx	-.002	.3
64	MP4B	X	6.159	4.3
65	MP4B	Z	3.556	4.3
66	MP4B	Mx	-.002	4.3
67	MP1A	X	4.815	.3
68	MP1A	Z	2.78	.3
69	MP1A	Mx	-.001	.3
70	MP1A	X	4.815	4.3
71	MP1A	Z	2.78	4.3
72	MP1A	Mx	-.001	4.3
73	MP1C	X	5.315	.3
74	MP1C	Z	3.069	.3
75	MP1C	Mx	.003	.3
76	MP1C	X	5.315	4.3
77	MP1C	Z	3.069	4.3
78	MP1C	Mx	.003	4.3
79	MP4A	X	4.815	.3
80	MP4A	Z	2.78	.3
81	MP4A	Mx	-.001	.3
82	MP4A	X	4.815	4.3
83	MP4A	Z	2.78	4.3
84	MP4A	Mx	-.001	4.3
85	MP4C	X	5.315	.3
86	MP4C	Z	3.069	.3
87	MP4C	Mx	.003	.3
88	MP4C	X	5.315	4.3
89	MP4C	Z	3.069	4.3
90	MP4C	Mx	.003	4.3
91	MP3A	X	2.152	.75
92	MP3A	Z	1.243	.75
93	MP3A	Mx	.001	.75
94	MP3B	X	2.85	.75
95	MP3B	Z	1.646	.75
96	MP3B	Mx	-.000143	.75
97	MP3C	X	2.306	.75
98	MP3C	Z	1.331	.75
99	MP3C	Mx	-.001	.75
100	MP2A	X	2.014	1.75
101	MP2A	Z	1.163	1.75
102	MP2A	Mx	.001	1.75
103	MP2B	X	2.849	1.75
104	MP2B	Z	1.645	1.75
105	MP2B	Mx	-.000143	1.75
106	MP2C	X	2.197	1.75
107	MP2C	Z	1.269	1.75
108	MP2C	Mx	-.000972	1.75
109	OVP	X	5.68	2
110	OVP	Z	3.279	2
111	OVP	Mx	0	2
112	MP2B	X	1.77	4
113	MP2B	Z	1.022	4
114	MP2B	Mx	-.000598	4
115	MP2B	X	1.77	4
116	MP2B	Z	1.022	4
117	MP2B	Mx	.00042	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.359	2.4
2	MP2A	Z	4.086	2.4
3	MP2A	Mx	-.004	2.4
4	MP2A	X	2.359	6.4
5	MP2A	Z	4.086	6.4
6	MP2A	Mx	-.004	6.4
7	MP2B	X	2.404	2.4
8	MP2B	Z	4.164	2.4
9	MP2B	Mx	.002	2.4
10	MP2B	X	2.404	6.4
11	MP2B	Z	4.164	6.4
12	MP2B	Mx	.002	6.4
13	MP2C	X	1.903	2.4
14	MP2C	Z	3.296	2.4
15	MP2C	Mx	.001	2.4
16	MP2C	X	1.903	6.4
17	MP2C	Z	3.296	6.4
18	MP2C	Mx	.001	6.4
19	MP2A	X	2.359	2.4
20	MP2A	Z	4.086	2.4
21	MP2A	Mx	.002	2.4
22	MP2A	X	2.359	6.4
23	MP2A	Z	4.086	6.4
24	MP2A	Mx	.002	6.4
25	MP2B	X	2.404	2.4
26	MP2B	Z	4.164	2.4
27	MP2B	Mx	-.004	2.4
28	MP2B	X	2.404	6.4
29	MP2B	Z	4.164	6.4
30	MP2B	Mx	-.004	6.4
31	MP2C	X	1.903	2.4
32	MP2C	Z	3.296	2.4
33	MP2C	Mx	.002	2.4
34	MP2C	X	1.903	6.4
35	MP2C	Z	3.296	6.4
36	MP2C	Mx	.002	6.4
37	MP3A	X	1.744	2.4
38	MP3A	Z	3.021	2.4
39	MP3A	Mx	-.000872	2.4
40	MP3A	X	1.744	4.4
41	MP3A	Z	3.021	4.4
42	MP3A	Mx	-.000872	4.4
43	MP3B	X	1.842	2.4
44	MP3B	Z	3.19	2.4
45	MP3B	Mx	-.000778	2.4
46	MP3B	X	1.842	4.4
47	MP3B	Z	3.19	4.4
48	MP3B	Mx	-.000778	4.4
49	MP3C	X	.76	2.4
50	MP3C	Z	1.316	2.4
51	MP3C	Mx	.000748	2.4
52	MP3C	X	.76	4.4
53	MP3C	Z	1.316	4.4
54	MP3C	Mx	.000748	4.4
55	MP1B	X	3.333	.3
56	MP1B	Z	5.772	.3
57	MP1B	Mx	-.003	.3
58	MP1B	X	3.333	4.3
59	MP1B	Z	5.772	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.003	4.3
61	MP4B	X	3.333	.3
62	MP4B	Z	5.772	.3
63	MP4B	Mx	-.003	.3
64	MP4B	X	3.333	4.3
65	MP4B	Z	5.772	4.3
66	MP4B	Mx	-.003	4.3
67	MP1A	X	2.666	.3
68	MP1A	Z	4.618	.3
69	MP1A	Mx	0	.3
70	MP1A	X	2.666	4.3
71	MP1A	Z	4.618	4.3
72	MP1A	Mx	0	4.3
73	MP1C	X	3.108	.3
74	MP1C	Z	5.384	.3
75	MP1C	Mx	.003	.3
76	MP1C	X	3.108	4.3
77	MP1C	Z	5.384	4.3
78	MP1C	Mx	.003	4.3
79	MP4A	X	2.666	.3
80	MP4A	Z	4.618	.3
81	MP4A	Mx	0	.3
82	MP4A	X	2.666	4.3
83	MP4A	Z	4.618	4.3
84	MP4A	Mx	0	4.3
85	MP4C	X	3.108	.3
86	MP4C	Z	5.384	.3
87	MP4C	Mx	.003	.3
88	MP4C	X	3.108	4.3
89	MP4C	Z	5.384	4.3
90	MP4C	Mx	.003	4.3
91	MP3A	X	1.514	.75
92	MP3A	Z	2.622	.75
93	MP3A	Mx	.000757	.75
94	MP3B	X	1.553	.75
95	MP3B	Z	2.689	.75
96	MP3B	Mx	.000656	.75
97	MP3C	X	1.123	.75
98	MP3C	Z	1.946	.75
99	MP3C	Mx	-.001	.75
100	MP2A	X	1.487	1.75
101	MP2A	Z	2.576	1.75
102	MP2A	Mx	.000744	1.75
103	MP2B	X	1.534	1.75
104	MP2B	Z	2.656	1.75
105	MP2B	Mx	.000648	1.75
106	MP2C	X	1.02	1.75
107	MP2C	Z	1.767	1.75
108	MP2C	Mx	-.001	1.75
109	OVP	X	3.349	2
110	OVP	Z	5.801	2
111	OVP	Mx	0	2
112	MP2B	X	1.022	4
113	MP2B	Z	1.771	4
114	MP2B	Mx	-3.1e-5	4
115	MP2B	X	1.022	4
116	MP2B	Z	1.771	4
117	MP2B	Mx	.000896	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.4
2	MP2A	Z	5.034	2.4
3	MP2A	Mx	-.004	2.4
4	MP2A	X	0	6.4
5	MP2A	Z	5.034	6.4
6	MP2A	Mx	-.004	6.4
7	MP2B	X	0	2.4
8	MP2B	Z	4.184	2.4
9	MP2B	Mx	8.6e-5	2.4
10	MP2B	X	0	6.4
11	MP2B	Z	4.184	6.4
12	MP2B	Mx	8.6e-5	6.4
13	MP2C	X	0	2.4
14	MP2C	Z	3.916	2.4
15	MP2C	Mx	.003	2.4
16	MP2C	X	0	6.4
17	MP2C	Z	3.916	6.4
18	MP2C	Mx	.003	6.4
19	MP2A	X	0	2.4
20	MP2A	Z	5.034	2.4
21	MP2A	Mx	.004	2.4
22	MP2A	X	0	6.4
23	MP2A	Z	5.034	6.4
24	MP2A	Mx	.004	6.4
25	MP2B	X	0	2.4
26	MP2B	Z	4.184	2.4
27	MP2B	Mx	-.004	2.4
28	MP2B	X	0	6.4
29	MP2B	Z	4.184	6.4
30	MP2B	Mx	-.004	6.4
31	MP2C	X	0	2.4
32	MP2C	Z	3.916	2.4
33	MP2C	Mx	.000835	2.4
34	MP2C	X	0	6.4
35	MP2C	Z	3.916	6.4
36	MP2C	Mx	.000835	6.4
37	MP3A	X	0	2.4
38	MP3A	Z	4.172	2.4
39	MP3A	Mx	0	2.4
40	MP3A	X	0	4.4
41	MP3A	Z	4.172	4.4
42	MP3A	Mx	0	4.4
43	MP3B	X	0	2.4
44	MP3B	Z	2.337	2.4
45	MP3B	Mx	-.000957	2.4
46	MP3B	X	0	4.4
47	MP3B	Z	2.337	4.4
48	MP3B	Mx	-.000957	4.4
49	MP3C	X	0	2.4
50	MP3C	Z	1.757	2.4
51	MP3C	Mx	.000826	2.4
52	MP3C	X	0	4.4
53	MP3C	Z	1.757	4.4
54	MP3C	Mx	.000826	4.4
55	MP1B	X	0	.3
56	MP1B	Z	6.583	.3
57	MP1B	Mx	-.003	.3
58	MP1B	X	0	4.3
59	MP1B	Z	6.583	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.003	4.3
61	MP4B	X	0	.3
62	MP4B	Z	6.583	.3
63	MP4B	Mx	-.003	.3
64	MP4B	X	0	4.3
65	MP4B	Z	6.583	4.3
66	MP4B	Mx	-.003	4.3
67	MP1A	X	0	.3
68	MP1A	Z	5.56	.3
69	MP1A	Mx	.001	.3
70	MP1A	X	0	4.3
71	MP1A	Z	5.56	4.3
72	MP1A	Mx	.001	4.3
73	MP1C	X	0	.3
74	MP1C	Z	5.867	.3
75	MP1C	Mx	.002	.3
76	MP1C	X	0	4.3
77	MP1C	Z	5.867	4.3
78	MP1C	Mx	.002	4.3
79	MP4A	X	0	.3
80	MP4A	Z	5.56	.3
81	MP4A	Mx	.001	.3
82	MP4A	X	0	4.3
83	MP4A	Z	5.56	4.3
84	MP4A	Mx	.001	4.3
85	MP4C	X	0	.3
86	MP4C	Z	5.867	.3
87	MP4C	Mx	.002	.3
88	MP4C	X	0	4.3
89	MP4C	Z	5.867	4.3
90	MP4C	Mx	.002	4.3
91	MP3A	X	0	.75
92	MP3A	Z	3.299	.75
93	MP3A	Mx	0	.75
94	MP3B	X	0	.75
95	MP3B	Z	2.571	.75
96	MP3B	Mx	.001	.75
97	MP3C	X	0	.75
98	MP3C	Z	2.341	.75
99	MP3C	Mx	-.001	.75
100	MP2A	X	0	1.75
101	MP2A	Z	3.299	1.75
102	MP2A	Mx	0	1.75
103	MP2B	X	0	1.75
104	MP2B	Z	2.428	1.75
105	MP2B	Mx	.000994	1.75
106	MP2C	X	0	1.75
107	MP2C	Z	2.153	1.75
108	MP2C	Mx	-.001	1.75
109	OVP	X	0	2
110	OVP	Z	6.079	2
111	OVP	Mx	0	2
112	MP2B	X	0	4
113	MP2B	Z	2.048	4
114	MP2B	Mx	.000545	4
115	MP2B	X	0	4
116	MP2B	Z	2.048	4
117	MP2B	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.359	2.4
2	MP2A	Z	4.086	2.4
3	MP2A	Mx	-.002	2.4
4	MP2A	X	-2.359	6.4
5	MP2A	Z	4.086	6.4
6	MP2A	Mx	-.002	6.4
7	MP2B	X	-1.889	2.4
8	MP2B	Z	3.271	2.4
9	MP2B	Mx	-.002	2.4
10	MP2B	X	-1.889	6.4
11	MP2B	Z	3.271	6.4
12	MP2B	Mx	-.002	6.4
13	MP2C	X	-2.255	2.4
14	MP2C	Z	3.907	2.4
15	MP2C	Mx	.004	2.4
16	MP2C	X	-2.255	6.4
17	MP2C	Z	3.907	6.4
18	MP2C	Mx	.004	6.4
19	MP2A	X	-2.359	2.4
20	MP2A	Z	4.086	2.4
21	MP2A	Mx	.004	2.4
22	MP2A	X	-2.359	6.4
23	MP2A	Z	4.086	6.4
24	MP2A	Mx	.004	6.4
25	MP2B	X	-1.889	2.4
26	MP2B	Z	3.271	2.4
27	MP2B	Mx	-.002	2.4
28	MP2B	X	-1.889	6.4
29	MP2B	Z	3.271	6.4
30	MP2B	Mx	-.002	6.4
31	MP2C	X	-2.255	2.4
32	MP2C	Z	3.907	2.4
33	MP2C	Mx	-.001	2.4
34	MP2C	X	-2.255	6.4
35	MP2C	Z	3.907	6.4
36	MP2C	Mx	-.001	6.4
37	MP3A	X	-1.744	2.4
38	MP3A	Z	3.021	2.4
39	MP3A	Mx	.000872	2.4
40	MP3A	X	-1.744	4.4
41	MP3A	Z	3.021	4.4
42	MP3A	Mx	.000872	4.4
43	MP3B	X	-.729	2.4
44	MP3B	Z	1.262	2.4
45	MP3B	Mx	-.000726	2.4
46	MP3B	X	-.729	4.4
47	MP3B	Z	1.262	4.4
48	MP3B	Mx	-.000726	4.4
49	MP3C	X	-1.521	2.4
50	MP3C	Z	2.634	2.4
51	MP3C	Mx	.000977	2.4
52	MP3C	X	-1.521	4.4
53	MP3C	Z	2.634	4.4
54	MP3C	Mx	.000977	4.4
55	MP1B	X	-3.473	.3
56	MP1B	Z	6.016	.3
57	MP1B	Mx	-.003	.3
58	MP1B	X	-3.473	4.3
59	MP1B	Z	6.016	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.003	4.3
61	MP4B	X	-3.473	.3
62	MP4B	Z	6.016	.3
63	MP4B	Mx	-.003	.3
64	MP4B	X	-3.473	4.3
65	MP4B	Z	6.016	4.3
66	MP4B	Mx	-.003	4.3
67	MP1A	X	-3.008	.3
68	MP1A	Z	5.21	.3
69	MP1A	Mx	.003	.3
70	MP1A	X	-3.008	4.3
71	MP1A	Z	5.21	4.3
72	MP1A	Mx	.003	4.3
73	MP1C	X	-2.719	.3
74	MP1C	Z	4.71	.3
75	MP1C	Mx	.00093	.3
76	MP1C	X	-2.719	4.3
77	MP1C	Z	4.71	4.3
78	MP1C	Mx	.00093	4.3
79	MP4A	X	-3.008	.3
80	MP4A	Z	5.21	.3
81	MP4A	Mx	.003	.3
82	MP4A	X	-3.008	4.3
83	MP4A	Z	5.21	4.3
84	MP4A	Mx	.003	4.3
85	MP4C	X	-2.719	.3
86	MP4C	Z	4.71	.3
87	MP4C	Mx	.00093	.3
88	MP4C	X	-2.719	4.3
89	MP4C	Z	4.71	4.3
90	MP4C	Mx	.00093	4.3
91	MP3A	X	-1.514	.75
92	MP3A	Z	2.622	.75
93	MP3A	Mx	-.000757	.75
94	MP3B	X	-1.111	.75
95	MP3B	Z	1.924	.75
96	MP3B	Mx	.001	.75
97	MP3C	X	-1.425	.75
98	MP3C	Z	2.469	.75
99	MP3C	Mx	-.000916	.75
100	MP2A	X	-1.487	1.75
101	MP2A	Z	2.576	1.75
102	MP2A	Mx	-.000744	1.75
103	MP2B	X	-1.005	1.75
104	MP2B	Z	1.741	1.75
105	MP2B	Mx	.001	1.75
106	MP2C	X	-1.381	1.75
107	MP2C	Z	2.393	1.75
108	MP2C	Mx	-.000888	1.75
109	OVP	X	-2.66	2
110	OVP	Z	4.607	2
111	OVP	Mx	0	2
112	MP2B	X	-1.025	4
113	MP2B	Z	1.775	4
114	MP2B	Mx	.000976	4
115	MP2B	X	-1.025	4
116	MP2B	Z	1.775	4
117	MP2B	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.537	2.4
2	MP2A	Z	2.042	2.4
3	MP2A	Mx	.000237	2.4
4	MP2A	X	-3.537	6.4
5	MP2A	Z	2.042	6.4
6	MP2A	Mx	.000237	6.4
7	MP2B	X	-3.459	2.4
8	MP2B	Z	1.997	2.4
9	MP2B	Mx	-.003	2.4
10	MP2B	X	-3.459	6.4
11	MP2B	Z	1.997	6.4
12	MP2B	Mx	-.003	6.4
13	MP2C	X	-4.327	2.4
14	MP2C	Z	2.498	2.4
15	MP2C	Mx	.004	2.4
16	MP2C	X	-4.327	6.4
17	MP2C	Z	2.498	6.4
18	MP2C	Mx	.004	6.4
19	MP2A	X	-3.537	2.4
20	MP2A	Z	2.042	2.4
21	MP2A	Mx	.003	2.4
22	MP2A	X	-3.537	6.4
23	MP2A	Z	2.042	6.4
24	MP2A	Mx	.003	6.4
25	MP2B	X	-3.459	2.4
26	MP2B	Z	1.997	2.4
27	MP2B	Mx	-.000544	2.4
28	MP2B	X	-3.459	6.4
29	MP2B	Z	1.997	6.4
30	MP2B	Mx	-.000544	6.4
31	MP2C	X	-4.327	2.4
32	MP2C	Z	2.498	2.4
33	MP2C	Mx	-.003	2.4
34	MP2C	X	-4.327	6.4
35	MP2C	Z	2.498	6.4
36	MP2C	Mx	-.003	6.4
37	MP3A	X	-1.837	2.4
38	MP3A	Z	1.06	2.4
39	MP3A	Mx	.000918	2.4
40	MP3A	X	-1.837	4.4
41	MP3A	Z	1.06	4.4
42	MP3A	Mx	.000918	4.4
43	MP3B	X	-1.667	2.4
44	MP3B	Z	.963	2.4
45	MP3B	Mx	-.000872	2.4
46	MP3B	X	-1.667	4.4
47	MP3B	Z	.963	4.4
48	MP3B	Mx	-.000872	4.4
49	MP3C	X	-3.542	2.4
50	MP3C	Z	2.045	2.4
51	MP3C	Mx	.000355	2.4
52	MP3C	X	-3.542	4.4
53	MP3C	Z	2.045	4.4
54	MP3C	Mx	.000355	4.4
55	MP1B	X	-6.402	.3
56	MP1B	Z	3.696	.3
57	MP1B	Mx	-.001	.3
58	MP1B	X	-6.402	4.3
59	MP1B	Z	3.696	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.001	4.3
61	MP4B	X	-6.402	.3
62	MP4B	Z	3.696	.3
63	MP4B	Mx	-.001	.3
64	MP4B	X	-6.402	4.3
65	MP4B	Z	3.696	4.3
66	MP4B	Mx	-.001	4.3
67	MP1A	X	-5.407	.3
68	MP1A	Z	3.122	.3
69	MP1A	Mx	.003	.3
70	MP1A	X	-5.407	4.3
71	MP1A	Z	3.122	4.3
72	MP1A	Mx	.003	4.3
73	MP1C	X	-4.642	.3
74	MP1C	Z	2.68	.3
75	MP1C	Mx	-.000465	.3
76	MP1C	X	-4.642	4.3
77	MP1C	Z	2.68	4.3
78	MP1C	Mx	-.000465	4.3
79	MP4A	X	-5.407	.3
80	MP4A	Z	3.122	.3
81	MP4A	Mx	.003	.3
82	MP4A	X	-5.407	4.3
83	MP4A	Z	3.122	4.3
84	MP4A	Mx	.003	4.3
85	MP4C	X	-4.642	.3
86	MP4C	Z	2.68	.3
87	MP4C	Mx	-.000465	.3
88	MP4C	X	-4.642	4.3
89	MP4C	Z	2.68	4.3
90	MP4C	Mx	-.000465	4.3
91	MP3A	X	-2.152	.75
92	MP3A	Z	1.243	.75
93	MP3A	Mx	-.001	.75
94	MP3B	X	-2.085	.75
95	MP3B	Z	1.204	.75
96	MP3B	Mx	.001	.75
97	MP3C	X	-2.829	.75
98	MP3C	Z	1.633	.75
99	MP3C	Mx	-.000283	.75
100	MP2A	X	-2.014	1.75
101	MP2A	Z	1.163	1.75
102	MP2A	Mx	-.001	1.75
103	MP2B	X	-1.934	1.75
104	MP2B	Z	1.116	1.75
105	MP2B	Mx	.001	1.75
106	MP2C	X	-2.823	1.75
107	MP2C	Z	1.63	1.75
108	MP2C	Mx	-.000283	1.75
109	OVP	X	-4.485	2
110	OVP	Z	2.589	2
111	OVP	Mx	0	2
112	MP2B	X	-1.774	4
113	MP2B	Z	1.024	4
114	MP2B	Mx	.001	4
115	MP2B	X	-1.774	4
116	MP2B	Z	1.024	4
117	MP2B	Mx	.000712	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.768	2.4
2	MP2A	Z	0	2.4
3	MP2A	Mx	.002	2.4
4	MP2A	X	-3.768	6.4
5	MP2A	Z	0	6.4
6	MP2A	Mx	.002	6.4
7	MP2B	X	-4.617	2.4
8	MP2B	Z	0	2.4
9	MP2B	Mx	-.004	2.4
10	MP2B	X	-4.617	6.4
11	MP2B	Z	0	6.4
12	MP2B	Mx	-.004	6.4
13	MP2C	X	-4.886	2.4
14	MP2C	Z	0	2.4
15	MP2C	Mx	.003	2.4
16	MP2C	X	-4.886	6.4
17	MP2C	Z	0	6.4
18	MP2C	Mx	.003	6.4
19	MP2A	X	-3.768	2.4
20	MP2A	Z	0	2.4
21	MP2A	Mx	.002	2.4
22	MP2A	X	-3.768	6.4
23	MP2A	Z	0	6.4
24	MP2A	Mx	.002	6.4
25	MP2B	X	-4.617	2.4
26	MP2B	Z	0	2.4
27	MP2B	Mx	.002	2.4
28	MP2B	X	-4.617	6.4
29	MP2B	Z	0	6.4
30	MP2B	Mx	.002	6.4
31	MP2C	X	-4.886	2.4
32	MP2C	Z	0	2.4
33	MP2C	Mx	-.004	2.4
34	MP2C	X	-4.886	6.4
35	MP2C	Z	0	6.4
36	MP2C	Mx	-.004	6.4
37	MP3A	X	-1.437	2.4
38	MP3A	Z	0	2.4
39	MP3A	Mx	.000718	2.4
40	MP3A	X	-1.437	4.4
41	MP3A	Z	0	4.4
42	MP3A	Mx	.000718	4.4
43	MP3B	X	-3.272	2.4
44	MP3B	Z	0	2.4
45	MP3B	Mx	-.000938	2.4
46	MP3B	X	-3.272	4.4
47	MP3B	Z	0	4.4
48	MP3B	Mx	-.000938	4.4
49	MP3C	X	-3.852	2.4
50	MP3C	Z	0	2.4
51	MP3C	Mx	-.000659	2.4
52	MP3C	X	-3.852	4.4
53	MP3C	Z	0	4.4
54	MP3C	Mx	-.000659	4.4
55	MP1B	X	-7.475	.3
56	MP1B	Z	0	.3
57	MP1B	Mx	.000649	.3
58	MP1B	X	-7.475	4.3
59	MP1B	Z	0	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.000649	4.3
61	MP4B	X	-7.475	.3
62	MP4B	Z	0	.3
63	MP4B	Mx	.000649	.3
64	MP4B	X	-7.475	4.3
65	MP4B	Z	0	4.3
66	MP4B	Mx	.000649	4.3
67	MP1A	X	-6.016	.3
68	MP1A	Z	0	.3
69	MP1A	Mx	.003	.3
70	MP1A	X	-6.016	4.3
71	MP1A	Z	0	4.3
72	MP1A	Mx	.003	4.3
73	MP1C	X	-5.709	.3
74	MP1C	Z	0	.3
75	MP1C	Mx	-.002	.3
76	MP1C	X	-5.709	4.3
77	MP1C	Z	0	4.3
78	MP1C	Mx	-.002	4.3
79	MP4A	X	-6.016	.3
80	MP4A	Z	0	.3
81	MP4A	Mx	.003	.3
82	MP4A	X	-6.016	4.3
83	MP4A	Z	0	4.3
84	MP4A	Mx	.003	4.3
85	MP4C	X	-5.709	.3
86	MP4C	Z	0	.3
87	MP4C	Mx	-.002	.3
88	MP4C	X	-5.709	4.3
89	MP4C	Z	0	4.3
90	MP4C	Mx	-.002	4.3
91	MP3A	X	-2.214	.75
92	MP3A	Z	0	.75
93	MP3A	Mx	-.001	.75
94	MP3B	X	-2.942	.75
95	MP3B	Z	0	.75
96	MP3B	Mx	.000844	.75
97	MP3C	X	-3.172	.75
98	MP3C	Z	0	.75
99	MP3C	Mx	.000542	.75
100	MP2A	X	-2.001	1.75
101	MP2A	Z	0	1.75
102	MP2A	Mx	-.001	1.75
103	MP2B	X	-2.872	1.75
104	MP2B	Z	0	1.75
105	MP2B	Mx	.000824	1.75
106	MP2C	X	-3.147	1.75
107	MP2C	Z	0	1.75
108	MP2C	Mx	.000538	1.75
109	OVP	X	-5.798	2
110	OVP	Z	0	2
111	OVP	Mx	0	2
112	MP2B	X	-2.045	4
113	MP2B	Z	0	4
114	MP2B	Mx	.001	4
115	MP2B	X	-2.045	4
116	MP2B	Z	0	4
117	MP2B	Mx	.000168	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.537	2.4
2	MP2A	Z	-2.042	2.4
3	MP2A	Mx	.003	2.4
4	MP2A	X	-3.537	6.4
5	MP2A	Z	-2.042	6.4
6	MP2A	Mx	.003	6.4
7	MP2B	X	-4.351	2.4
8	MP2B	Z	-2.512	2.4
9	MP2B	Mx	-.004	2.4
10	MP2B	X	-4.351	6.4
11	MP2B	Z	-2.512	6.4
12	MP2B	Mx	-.004	6.4
13	MP2C	X	-3.716	2.4
14	MP2C	Z	-2.145	2.4
15	MP2C	Mx	.000425	2.4
16	MP2C	X	-3.716	6.4
17	MP2C	Z	-2.145	6.4
18	MP2C	Mx	.000425	6.4
19	MP2A	X	-3.537	2.4
20	MP2A	Z	-2.042	2.4
21	MP2A	Mx	.000237	2.4
22	MP2A	X	-3.537	6.4
23	MP2A	Z	-2.042	6.4
24	MP2A	Mx	.000237	6.4
25	MP2B	X	-4.351	2.4
26	MP2B	Z	-2.512	2.4
27	MP2B	Mx	.004	2.4
28	MP2B	X	-4.351	6.4
29	MP2B	Z	-2.512	6.4
30	MP2B	Mx	.004	6.4
31	MP2C	X	-3.716	2.4
32	MP2C	Z	-2.145	2.4
33	MP2C	Mx	-.004	2.4
34	MP2C	X	-3.716	6.4
35	MP2C	Z	-2.145	6.4
36	MP2C	Mx	-.004	6.4
37	MP3A	X	-1.837	2.4
38	MP3A	Z	-1.06	2.4
39	MP3A	Mx	.000918	2.4
40	MP3A	X	-1.837	4.4
41	MP3A	Z	-1.06	4.4
42	MP3A	Mx	.000918	4.4
43	MP3B	X	-3.595	2.4
44	MP3B	Z	-2.076	2.4
45	MP3B	Mx	-.000181	2.4
46	MP3B	X	-3.595	4.4
47	MP3B	Z	-2.076	4.4
48	MP3B	Mx	-.000181	4.4
49	MP3C	X	-2.223	2.4
50	MP3C	Z	-1.283	2.4
51	MP3C	Mx	-.000983	2.4
52	MP3C	X	-2.223	4.4
53	MP3C	Z	-1.283	4.4
54	MP3C	Mx	-.000983	4.4
55	MP1B	X	-6.159	.3
56	MP1B	Z	-3.556	.3
57	MP1B	Mx	.002	.3
58	MP1B	X	-6.159	4.3
59	MP1B	Z	-3.556	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.002	4.3
61	MP4B	X	-6.159	.3
62	MP4B	Z	-3.556	.3
63	MP4B	Mx	.002	.3
64	MP4B	X	-6.159	4.3
65	MP4B	Z	-3.556	4.3
66	MP4B	Mx	.002	4.3
67	MP1A	X	-4.815	.3
68	MP1A	Z	-2.78	.3
69	MP1A	Mx	.001	.3
70	MP1A	X	-4.815	4.3
71	MP1A	Z	-2.78	4.3
72	MP1A	Mx	.001	4.3
73	MP1C	X	-5.315	.3
74	MP1C	Z	-3.069	.3
75	MP1C	Mx	-.003	.3
76	MP1C	X	-5.315	4.3
77	MP1C	Z	-3.069	4.3
78	MP1C	Mx	-.003	4.3
79	MP4A	X	-4.815	.3
80	MP4A	Z	-2.78	.3
81	MP4A	Mx	.001	.3
82	MP4A	X	-4.815	4.3
83	MP4A	Z	-2.78	4.3
84	MP4A	Mx	.001	4.3
85	MP4C	X	-5.315	.3
86	MP4C	Z	-3.069	.3
87	MP4C	Mx	-.003	.3
88	MP4C	X	-5.315	4.3
89	MP4C	Z	-3.069	4.3
90	MP4C	Mx	-.003	4.3
91	MP3A	X	-2.152	.75
92	MP3A	Z	-1.243	.75
93	MP3A	Mx	-.001	.75
94	MP3B	X	-2.85	.75
95	MP3B	Z	-1.646	.75
96	MP3B	Mx	.000143	.75
97	MP3C	X	-2.306	.75
98	MP3C	Z	-1.331	.75
99	MP3C	Mx	.001	.75
100	MP2A	X	-2.014	1.75
101	MP2A	Z	-1.163	1.75
102	MP2A	Mx	-.001	1.75
103	MP2B	X	-2.849	1.75
104	MP2B	Z	-1.645	1.75
105	MP2B	Mx	.000143	1.75
106	MP2C	X	-2.197	1.75
107	MP2C	Z	-1.269	1.75
108	MP2C	Mx	.000972	1.75
109	OVP	X	-5.68	2
110	OVP	Z	-3.279	2
111	OVP	Mx	0	2
112	MP2B	X	-1.77	4
113	MP2B	Z	-1.022	4
114	MP2B	Mx	.000598	4
115	MP2B	X	-1.77	4
116	MP2B	Z	-1.022	4
117	MP2B	Mx	-.00042	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.359	2.4
2	MP2A	Z	-4.086	2.4
3	MP2A	Mx	.004	2.4
4	MP2A	X	-2.359	6.4
5	MP2A	Z	-4.086	6.4
6	MP2A	Mx	.004	6.4
7	MP2B	X	-2.404	2.4
8	MP2B	Z	-4.164	2.4
9	MP2B	Mx	-.002	2.4
10	MP2B	X	-2.404	6.4
11	MP2B	Z	-4.164	6.4
12	MP2B	Mx	-.002	6.4
13	MP2C	X	-1.903	2.4
14	MP2C	Z	-3.296	2.4
15	MP2C	Mx	-.001	2.4
16	MP2C	X	-1.903	6.4
17	MP2C	Z	-3.296	6.4
18	MP2C	Mx	-.001	6.4
19	MP2A	X	-2.359	2.4
20	MP2A	Z	-4.086	2.4
21	MP2A	Mx	-.002	2.4
22	MP2A	X	-2.359	6.4
23	MP2A	Z	-4.086	6.4
24	MP2A	Mx	-.002	6.4
25	MP2B	X	-2.404	2.4
26	MP2B	Z	-4.164	2.4
27	MP2B	Mx	.004	2.4
28	MP2B	X	-2.404	6.4
29	MP2B	Z	-4.164	6.4
30	MP2B	Mx	.004	6.4
31	MP2C	X	-1.903	2.4
32	MP2C	Z	-3.296	2.4
33	MP2C	Mx	-.002	2.4
34	MP2C	X	-1.903	6.4
35	MP2C	Z	-3.296	6.4
36	MP2C	Mx	-.002	6.4
37	MP3A	X	-1.744	2.4
38	MP3A	Z	-3.021	2.4
39	MP3A	Mx	.000872	2.4
40	MP3A	X	-1.744	4.4
41	MP3A	Z	-3.021	4.4
42	MP3A	Mx	.000872	4.4
43	MP3B	X	-1.842	2.4
44	MP3B	Z	-3.19	2.4
45	MP3B	Mx	.000778	2.4
46	MP3B	X	-1.842	4.4
47	MP3B	Z	-3.19	4.4
48	MP3B	Mx	.000778	4.4
49	MP3C	X	-.76	2.4
50	MP3C	Z	-1.316	2.4
51	MP3C	Mx	-.000748	2.4
52	MP3C	X	-.76	4.4
53	MP3C	Z	-1.316	4.4
54	MP3C	Mx	-.000748	4.4
55	MP1B	X	-3.333	.3
56	MP1B	Z	-5.772	.3
57	MP1B	Mx	.003	.3
58	MP1B	X	-3.333	4.3
59	MP1B	Z	-5.772	4.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.003	4.3
61	MP4B	X	-3.333	.3
62	MP4B	Z	-5.772	.3
63	MP4B	Mx	.003	.3
64	MP4B	X	-3.333	4.3
65	MP4B	Z	-5.772	4.3
66	MP4B	Mx	.003	4.3
67	MP1A	X	-2.666	.3
68	MP1A	Z	-4.618	.3
69	MP1A	Mx	0	.3
70	MP1A	X	-2.666	4.3
71	MP1A	Z	-4.618	4.3
72	MP1A	Mx	0	4.3
73	MP1C	X	-3.108	.3
74	MP1C	Z	-5.384	.3
75	MP1C	Mx	-.003	.3
76	MP1C	X	-3.108	4.3
77	MP1C	Z	-5.384	4.3
78	MP1C	Mx	-.003	4.3
79	MP4A	X	-2.666	.3
80	MP4A	Z	-4.618	.3
81	MP4A	Mx	0	.3
82	MP4A	X	-2.666	4.3
83	MP4A	Z	-4.618	4.3
84	MP4A	Mx	0	4.3
85	MP4C	X	-3.108	.3
86	MP4C	Z	-5.384	.3
87	MP4C	Mx	-.003	.3
88	MP4C	X	-3.108	4.3
89	MP4C	Z	-5.384	4.3
90	MP4C	Mx	-.003	4.3
91	MP3A	X	-1.514	.75
92	MP3A	Z	-2.622	.75
93	MP3A	Mx	-.000757	.75
94	MP3B	X	-1.553	.75
95	MP3B	Z	-2.689	.75
96	MP3B	Mx	-.000656	.75
97	MP3C	X	-1.123	.75
98	MP3C	Z	-1.946	.75
99	MP3C	Mx	.001	.75
100	MP2A	X	-1.487	1.75
101	MP2A	Z	-2.576	1.75
102	MP2A	Mx	-.000744	1.75
103	MP2B	X	-1.534	1.75
104	MP2B	Z	-2.656	1.75
105	MP2B	Mx	-.000648	1.75
106	MP2C	X	-1.02	1.75
107	MP2C	Z	-1.767	1.75
108	MP2C	Mx	.001	1.75
109	OVP	X	-3.349	2
110	OVP	Z	-5.801	2
111	OVP	Mx	0	2
112	MP2B	X	-1.022	4
113	MP2B	Z	-1.771	4
114	MP2B	Mx	3.1e-5	4
115	MP2B	X	-1.022	4
116	MP2B	Z	-1.771	4
117	MP2B	Mx	-.000896	4

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M76	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M78	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-1.001	2.4
2	MP2A	My	-.0005	2.4
3	MP2A	Mz	-.000751	2.4
4	MP2A	Y	-1.001	6.4
5	MP2A	My	-.0005	6.4
6	MP2A	Mz	-.000751	6.4
7	MP2B	Y	-1.001	2.4
8	MP2B	My	.000902	2.4
9	MP2B	Mz	2.1e-5	2.4
10	MP2B	Y	-1.001	6.4
11	MP2B	My	.000902	6.4
12	MP2B	Mz	2.1e-5	6.4
13	MP2C	Y	-1.001	2.4
14	MP2C	My	-.000534	2.4
15	MP2C	Mz	.000727	2.4
16	MP2C	Y	-1.001	6.4
17	MP2C	My	-.000534	6.4
18	MP2C	Mz	.000727	6.4
19	MP2A	Y	-1.001	2.4
20	MP2A	My	-.0005	2.4
21	MP2A	Mz	.000751	2.4
22	MP2A	Y	-1.001	6.4
23	MP2A	My	-.0005	6.4
24	MP2A	Mz	.000751	6.4
25	MP2B	Y	-1.001	2.4
26	MP2B	My	-.000328	2.4
27	MP2B	Mz	-.000841	2.4
28	MP2B	Y	-1.001	6.4
29	MP2B	My	-.000328	6.4
30	MP2B	Mz	-.000841	6.4
31	MP2C	Y	-1.001	2.4
32	MP2C	My	.000877	2.4
33	MP2C	Mz	.000214	2.4
34	MP2C	Y	-1.001	6.4
35	MP2C	My	.000877	6.4
36	MP2C	Mz	.000214	6.4
37	MP3A	Y	-1.895	2.4
38	MP3A	My	-.000948	2.4
39	MP3A	Mz	0	2.4
40	MP3A	Y	-1.895	4.4
41	MP3A	My	-.000948	4.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mz	0	4.4
43	MP3B	Y	-1.895	2.4
44	MP3B	My	.000544	2.4
45	MP3B	Mz	-.000776	2.4
46	MP3B	Y	-1.895	4.4
47	MP3B	My	.000544	4.4
48	MP3B	Mz	-.000776	4.4
49	MP3C	Y	-1.895	2.4
50	MP3C	My	.000324	2.4
51	MP3C	Mz	.00089	2.4
52	MP3C	Y	-1.895	4.4
53	MP3C	My	.000324	4.4
54	MP3C	Mz	.00089	4.4
55	MP1B	Y	-.457	.3
56	MP1B	My	-4e-5	.3
57	MP1B	Mz	-.000225	.3
58	MP1B	Y	-.457	4.3
59	MP1B	My	-4e-5	4.3
60	MP1B	Mz	-.000225	4.3
61	MP4B	Y	-.457	.3
62	MP4B	My	-4e-5	.3
63	MP4B	Mz	-.000225	.3
64	MP4B	Y	-.457	4.3
65	MP4B	My	-4e-5	4.3
66	MP4B	Mz	-.000225	4.3
67	MP1A	Y	-.348	.3
68	MP1A	My	-.000151	.3
69	MP1A	Mz	8.7e-5	.3
70	MP1A	Y	-.348	4.3
71	MP1A	My	-.000151	4.3
72	MP1A	Mz	8.7e-5	4.3
73	MP1C	Y	-.348	.3
74	MP1C	My	.000112	.3
75	MP1C	Mz	.000133	.3
76	MP1C	Y	-.348	4.3
77	MP1C	My	.000112	4.3
78	MP1C	Mz	.000133	4.3
79	MP4A	Y	-.348	.3
80	MP4A	My	-.000151	.3
81	MP4A	Mz	8.7e-5	.3
82	MP4A	Y	-.348	4.3
83	MP4A	My	-.000151	4.3
84	MP4A	Mz	8.7e-5	4.3
85	MP4C	Y	-.348	.3
86	MP4C	My	.000112	.3
87	MP4C	Mz	.000133	.3
88	MP4C	Y	-.348	4.3
89	MP4C	My	.000112	4.3
90	MP4C	Mz	.000133	4.3
91	MP3A	Y	-3.251	.75
92	MP3A	My	.002	.75
93	MP3A	Mz	0	.75
94	MP3B	Y	-3.251	.75
95	MP3B	My	-.000932	.75
96	MP3B	Mz	.001	.75
97	MP3C	Y	-3.251	.75
98	MP3C	My	-.000556	.75
99	MP3C	Mz	-.002	.75
100	MP2A	Y	-3.059	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP2A	My	.002	1.75
102	MP2A	Mz	0	1.75
103	MP2B	Y	-3.059	1.75
104	MP2B	My	-.000877	1.75
105	MP2B	Mz	.001	1.75
106	MP2C	Y	-3.059	1.75
107	MP2C	My	-.000523	1.75
108	MP2C	Mz	-.001	1.75
109	OVP	Y	-1.393	2
110	OVP	My	0	2
111	OVP	Mz	0	2
112	MP2B	Y	-.766	4
113	MP2B	My	-.000377	4
114	MP2B	Mz	.000204	4
115	MP2B	Y	-.766	4
116	MP2B	My	-6.3e-5	4
117	MP2B	Mz	.000424	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-2.502	2.4
2	MP2A	Mx	.002	2.4
3	MP2A	Z	-2.502	6.4
4	MP2A	Mx	.002	6.4
5	MP2B	Z	-2.502	2.4
6	MP2B	Mx	-5.2e-5	2.4
7	MP2B	Z	-2.502	6.4
8	MP2B	Mx	-5.2e-5	6.4
9	MP2C	Z	-2.502	2.4
10	MP2C	Mx	-.002	2.4
11	MP2C	Z	-2.502	6.4
12	MP2C	Mx	-.002	6.4
13	MP2A	Z	-2.502	2.4
14	MP2A	Mx	-.002	2.4
15	MP2A	Z	-2.502	6.4
16	MP2A	Mx	-.002	6.4
17	MP2B	Z	-2.502	2.4
18	MP2B	Mx	.002	2.4
19	MP2B	Z	-2.502	6.4
20	MP2B	Mx	.002	6.4
21	MP2C	Z	-2.502	2.4
22	MP2C	Mx	-.000534	2.4
23	MP2C	Z	-2.502	6.4
24	MP2C	Mx	-.000534	6.4
25	MP3A	Z	-4.738	2.4
26	MP3A	Mx	0	2.4
27	MP3A	Z	-4.738	4.4
28	MP3A	Mx	0	4.4
29	MP3B	Z	-4.738	2.4
30	MP3B	Mx	.002	2.4
31	MP3B	Z	-4.738	4.4
32	MP3B	Mx	.002	4.4
33	MP3C	Z	-4.738	2.4
34	MP3C	Mx	-.002	2.4
35	MP3C	Z	-4.738	4.4
36	MP3C	Mx	-.002	4.4
37	MP1B	Z	-1.142	.3
38	MP1B	Mx	.000563	.3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1B	Z	-1.142	4.3
40	MP1B	Mx	.000563	4.3
41	MP4B	Z	-1.142	.3
42	MP4B	Mx	.000563	.3
43	MP4B	Z	-1.142	4.3
44	MP4B	Mx	.000563	4.3
45	MP1A	Z	-.87	.3
46	MP1A	Mx	-.000218	.3
47	MP1A	Z	-.87	4.3
48	MP1A	Mx	-.000218	4.3
49	MP1C	Z	-.87	.3
50	MP1C	Mx	-.000333	.3
51	MP1C	Z	-.87	4.3
52	MP1C	Mx	-.000333	4.3
53	MP4A	Z	-.87	.3
54	MP4A	Mx	-.000218	.3
55	MP4A	Z	-.87	4.3
56	MP4A	Mx	-.000218	4.3
57	MP4C	Z	-.87	.3
58	MP4C	Mx	-.000333	.3
59	MP4C	Z	-.87	4.3
60	MP4C	Mx	-.000333	4.3
61	MP3A	Z	-8.127	.75
62	MP3A	Mx	0	.75
63	MP3B	Z	-8.127	.75
64	MP3B	Mx	-.003	.75
65	MP3C	Z	-8.127	.75
66	MP3C	Mx	.004	.75
67	MP2A	Z	-7.649	1.75
68	MP2A	Mx	0	1.75
69	MP2B	Z	-7.649	1.75
70	MP2B	Mx	-.003	1.75
71	MP2C	Z	-7.649	1.75
72	MP2C	Mx	.004	1.75
73	OVP	Z	-3.482	2
74	OVP	Mx	0	2
75	MP2B	Z	-1.915	4
76	MP2B	Mx	-.00051	4
77	MP2B	Z	-1.915	4
78	MP2B	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.502	2.4
2	MP2A	Mx	-.001	2.4
3	MP2A	X	2.502	6.4
4	MP2A	Mx	-.001	6.4
5	MP2B	X	2.502	2.4
6	MP2B	Mx	.002	2.4
7	MP2B	X	2.502	6.4
8	MP2B	Mx	.002	6.4
9	MP2C	X	2.502	2.4
10	MP2C	Mx	-.001	2.4
11	MP2C	X	2.502	6.4
12	MP2C	Mx	-.001	6.4
13	MP2A	X	2.502	2.4
14	MP2A	Mx	-.001	2.4
15	MP2A	X	2.502	6.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2A	Mx	-.001	6.4
17	MP2B	X	2.502	2.4
18	MP2B	Mx	-.00082	2.4
19	MP2B	X	2.502	6.4
20	MP2B	Mx	-.00082	6.4
21	MP2C	X	2.502	2.4
22	MP2C	Mx	.002	2.4
23	MP2C	X	2.502	6.4
24	MP2C	Mx	.002	6.4
25	MP3A	X	4.738	2.4
26	MP3A	Mx	-.002	2.4
27	MP3A	X	4.738	4.4
28	MP3A	Mx	-.002	4.4
29	MP3B	X	4.738	2.4
30	MP3B	Mx	.001	2.4
31	MP3B	X	4.738	4.4
32	MP3B	Mx	.001	4.4
33	MP3C	X	4.738	2.4
34	MP3C	Mx	.00081	2.4
35	MP3C	X	4.738	4.4
36	MP3C	Mx	.00081	4.4
37	MP1B	X	1.142	.3
38	MP1B	Mx	-9.9e-5	.3
39	MP1B	X	1.142	4.3
40	MP1B	Mx	-9.9e-5	4.3
41	MP4B	X	1.142	.3
42	MP4B	Mx	-9.9e-5	.3
43	MP4B	X	1.142	4.3
44	MP4B	Mx	-9.9e-5	4.3
45	MP1A	X	.87	.3
46	MP1A	Mx	-.000377	.3
47	MP1A	X	.87	4.3
48	MP1A	Mx	-.000377	4.3
49	MP1C	X	.87	.3
50	MP1C	Mx	.00028	.3
51	MP1C	X	.87	4.3
52	MP1C	Mx	.00028	4.3
53	MP4A	X	.87	.3
54	MP4A	Mx	-.000377	.3
55	MP4A	X	.87	4.3
56	MP4A	Mx	-.000377	4.3
57	MP4C	X	.87	.3
58	MP4C	Mx	.00028	.3
59	MP4C	X	.87	4.3
60	MP4C	Mx	.00028	4.3
61	MP3A	X	8.127	.75
62	MP3A	Mx	.004	.75
63	MP3B	X	8.127	.75
64	MP3B	Mx	-.002	.75
65	MP3C	X	8.127	.75
66	MP3C	Mx	-.001	.75
67	MP2A	X	7.649	1.75
68	MP2A	Mx	.004	1.75
69	MP2B	X	7.649	1.75
70	MP2B	Mx	-.002	1.75
71	MP2C	X	7.649	1.75
72	MP2C	Mx	-.001	1.75
73	OVP	X	3.482	2
74	OVP	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2B	X	1.915	4
76	MP2B	Mx	-.000941	4
77	MP2B	X	1.915	4
78	MP2B	Mx	-.000157	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	M25	Y	-9.611	-9.611	0	%100
2	M26	Y	-7.615	-7.615	0	%100
3	M27	Y	-7.615	-7.615	0	%100
4	M28	Y	-10.111	-10.111	0	%100
5	M31	Y	-5.62	-5.62	0	%100
6	M32	Y	-5.62	-5.62	0	%100
7	M36	Y	-10.111	-10.111	0	%100
8	M37	Y	-10.111	-10.111	0	%100
9	M39	Y	-10.111	-10.111	0	%100
10	M41	Y	-10.111	-10.111	0	%100
11	M42	Y	-10.111	-10.111	0	%100
12	M44	Y	-10.111	-10.111	0	%100
13	M73	Y	-6.568	-6.568	0	%100
14	MP1A	Y	-4.98	-4.98	0	%100
15	MP2A	Y	-5.686	-5.686	0	%100
16	MP3A	Y	-4.98	-4.98	0	%100
17	MP4A	Y	-4.98	-4.98	0	%100
18	OVP	Y	-4.98	-4.98	0	%100
19	M36A	Y	-9.611	-9.611	0	%100
20	M37A	Y	-7.615	-7.615	0	%100
21	M38A	Y	-7.615	-7.615	0	%100
22	M39A	Y	-10.111	-10.111	0	%100
23	M42A	Y	-5.62	-5.62	0	%100
24	M43A	Y	-5.62	-5.62	0	%100
25	M47A	Y	-10.111	-10.111	0	%100
26	M48A	Y	-10.111	-10.111	0	%100
27	M50	Y	-10.111	-10.111	0	%100
28	M52	Y	-10.111	-10.111	0	%100
29	M53	Y	-10.111	-10.111	0	%100
30	M55	Y	-10.111	-10.111	0	%100
31	M62	Y	-9.611	-9.611	0	%100
32	M63	Y	-7.615	-7.615	0	%100
33	M64	Y	-7.615	-7.615	0	%100
34	M65	Y	-10.111	-10.111	0	%100
35	M68	Y	-5.62	-5.62	0	%100
36	M69	Y	-5.62	-5.62	0	%100
37	M73A	Y	-10.111	-10.111	0	%100
38	M74	Y	-10.111	-10.111	0	%100
39	M76A	Y	-10.111	-10.111	0	%100
40	M78A	Y	-10.111	-10.111	0	%100
41	M79	Y	-10.111	-10.111	0	%100
42	M81	Y	-10.111	-10.111	0	%100
43	MP1C	Y	-4.98	-4.98	0	%100
44	MP2C	Y	-5.686	-5.686	0	%100
45	MP3C	Y	-4.98	-4.98	0	%100
46	MP4C	Y	-4.98	-4.98	0	%100
47	MP1B	Y	-4.98	-4.98	0	%100
48	MP2B	Y	-5.686	-5.686	0	%100
49	MP3B	Y	-4.98	-4.98	0	%100
50	MP4B	Y	-4.98	-4.98	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,%]
51	M100A	Y	-6.568	-6.568	0	%100
52	M101A	Y	-6.568	-6.568	0	%100
53	M108	Y	-5.686	-5.686	0	%100
54	M114	Y	-7.615	-7.615	0	%100
55	M123	Y	-7.615	-7.615	0	%100
56	M132	Y	-7.615	-7.615	0	%100
57	M130A	Y	-5.686	-5.686	0	%100
58	M131A	Y	-5.686	-5.686	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	M25	X	0	0	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	-13.704	-13.704	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	-13.704	-13.704	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	-22.173	-22.173	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	-3.078	-3.078	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	-3.078	-3.078	0	%100
13	M36	X	0	0	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	-5.646	-5.646	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	-5.947	-5.947	0	%100
19	M41	X	0	0	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	-5.646	-5.646	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	-5.947	-5.947	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	-12.934	-12.934	0	%100
27	MP1A	X	0	0	0	%100
28	MP1A	Z	-8.777	-8.777	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	-10.625	-10.625	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-8.777	-8.777	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	-8.777	-8.777	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-7.998	-7.998	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	-9.853	-9.853	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	-3.426	-3.426	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	-3.426	-3.426	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	-5.543	-5.543	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	-3.078	-3.078	0	%100
47	M43A	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,%]
48	M43A	Z	-12.312	-12.312	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	-16.63	-16.63	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	-5.646	-5.646	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-5.947	-5.947	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-16.63	-16.63	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-22.584	-22.584	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-23.787	-23.787	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-9.853	-9.853	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-3.426	-3.426	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	-3.426	-3.426	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-5.543	-5.543	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	-12.312	-12.312	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-3.078	-3.078	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	-16.63	-16.63	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-22.584	-22.584	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-23.787	-23.787	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	-16.63	-16.63	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-5.646	-5.646	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	-5.947	-5.947	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-8.777	-8.777	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	-10.625	-10.625	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-8.777	-8.777	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-8.777	-8.777	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-8.777	-8.777	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-10.625	-10.625	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-8.777	-8.777	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-8.777	-8.777	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	-3.234	-3.234	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	-3.234	-3.234	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-10.625	-10.625	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,%]
107	M114	X	0	0	0	%100
108	M114	Z	-3.591	-3.591	0	%100
109	M123	X	0	0	0	%100
110	M123	Z	-14.046	-14.046	0	%100
111	M132	X	0	0	0	%100
112	M132	Z	-3.433	-3.433	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	-2.656	-2.656	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	-2.656	-2.656	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	M25	X	1.642	1.642	0	%100
2	M25	Z	-2.844	-2.844	0	%100
3	M26	X	5.139	5.139	0	%100
4	M26	Z	-8.901	-8.901	0	%100
5	M27	X	5.139	5.139	0	%100
6	M27	Z	-8.901	-8.901	0	%100
7	M28	X	8.315	8.315	0	%100
8	M28	Z	-14.402	-14.402	0	%100
9	M31	X	4.617	4.617	0	%100
10	M31	Z	-7.997	-7.997	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	2.772	2.772	0	%100
14	M36	Z	-4.801	-4.801	0	%100
15	M37	X	8.469	8.469	0	%100
16	M37	Z	-14.669	-14.669	0	%100
17	M39	X	8.92	8.92	0	%100
18	M39	Z	-15.45	-15.45	0	%100
19	M41	X	2.772	2.772	0	%100
20	M41	Z	-4.801	-4.801	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	4.85	4.85	0	%100
26	M73	Z	-8.401	-8.401	0	%100
27	MP1A	X	4.388	4.388	0	%100
28	MP1A	Z	-7.601	-7.601	0	%100
29	MP2A	X	5.312	5.312	0	%100
30	MP2A	Z	-9.201	-9.201	0	%100
31	MP3A	X	4.388	4.388	0	%100
32	MP3A	Z	-7.601	-7.601	0	%100
33	MP4A	X	4.388	4.388	0	%100
34	MP4A	Z	-7.601	-7.601	0	%100
35	OVP	X	3.999	3.999	0	%100
36	OVP	Z	-6.927	-6.927	0	%100
37	M36A	X	1.642	1.642	0	%100
38	M36A	Z	-2.844	-2.844	0	%100
39	M37A	X	5.139	5.139	0	%100
40	M37A	Z	-8.901	-8.901	0	%100
41	M38A	X	5.139	5.139	0	%100
42	M38A	Z	-8.901	-8.901	0	%100
43	M39A	X	8.315	8.315	0	%100
44	M39A	Z	-14.402	-14.402	0	%100
45	M42A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
46	M42A	Z	0	0	0	%100
47	M43A	X	4.617	4.617	0	%100
48	M43A	Z	-7.997	-7.997	0	%100
49	M47A	X	2.772	2.772	0	%100
50	M47A	Z	-4.801	-4.801	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	2.772	2.772	0	%100
56	M52	Z	-4.801	-4.801	0	%100
57	M53	X	8.469	8.469	0	%100
58	M53	Z	-14.669	-14.669	0	%100
59	M55	X	8.92	8.92	0	%100
60	M55	Z	-15.45	-15.45	0	%100
61	M62	X	6.569	6.569	0	%100
62	M62	Z	-11.377	-11.377	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	4.617	4.617	0	%100
70	M68	Z	-7.997	-7.997	0	%100
71	M69	X	4.617	4.617	0	%100
72	M69	Z	-7.997	-7.997	0	%100
73	M73A	X	11.087	11.087	0	%100
74	M73A	Z	-19.202	-19.202	0	%100
75	M74	X	8.469	8.469	0	%100
76	M74	Z	-14.669	-14.669	0	%100
77	M76A	X	8.92	8.92	0	%100
78	M76A	Z	-15.45	-15.45	0	%100
79	M78A	X	11.087	11.087	0	%100
80	M78A	Z	-19.202	-19.202	0	%100
81	M79	X	8.469	8.469	0	%100
82	M79	Z	-14.669	-14.669	0	%100
83	M81	X	8.92	8.92	0	%100
84	M81	Z	-15.45	-15.45	0	%100
85	MP1C	X	4.388	4.388	0	%100
86	MP1C	Z	-7.601	-7.601	0	%100
87	MP2C	X	5.312	5.312	0	%100
88	MP2C	Z	-9.201	-9.201	0	%100
89	MP3C	X	4.388	4.388	0	%100
90	MP3C	Z	-7.601	-7.601	0	%100
91	MP4C	X	4.388	4.388	0	%100
92	MP4C	Z	-7.601	-7.601	0	%100
93	MP1B	X	4.388	4.388	0	%100
94	MP1B	Z	-7.601	-7.601	0	%100
95	MP2B	X	5.312	5.312	0	%100
96	MP2B	Z	-9.201	-9.201	0	%100
97	MP3B	X	4.388	4.388	0	%100
98	MP3B	Z	-7.601	-7.601	0	%100
99	MP4B	X	4.388	4.388	0	%100
100	MP4B	Z	-7.601	-7.601	0	%100
101	M100A	X	4.85	4.85	0	%100
102	M100A	Z	-8.401	-8.401	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
105	M108	X	3.984	3.984	0	%100
106	M108	Z	-6.901	-6.901	0	%100
107	M114	X	.000299	.000299	0	%100
108	M114	Z	-.000518	-.000518	0	%100
109	M123	X	5.307	5.307	0	%100
110	M123	Z	-9.192	-9.192	0	%100
111	M132	X	5.228	5.228	0	%100
112	M132	Z	-9.055	-9.055	0	%100
113	M130A	X	3.984	3.984	0	%100
114	M130A	Z	-6.901	-6.901	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M25	X	8.533	8.533	0	%100
2	M25	Z	-4.927	-4.927	0	%100
3	M26	X	2.967	2.967	0	%100
4	M26	Z	-1.713	-1.713	0	%100
5	M27	X	2.967	2.967	0	%100
6	M27	Z	-1.713	-1.713	0	%100
7	M28	X	4.801	4.801	0	%100
8	M28	Z	-2.772	-2.772	0	%100
9	M31	X	10.663	10.663	0	%100
10	M31	Z	-6.156	-6.156	0	%100
11	M32	X	2.666	2.666	0	%100
12	M32	Z	-1.539	-1.539	0	%100
13	M36	X	14.402	14.402	0	%100
14	M36	Z	-8.315	-8.315	0	%100
15	M37	X	19.558	19.558	0	%100
16	M37	Z	-11.292	-11.292	0	%100
17	M39	X	20.6	20.6	0	%100
18	M39	Z	-11.893	-11.893	0	%100
19	M41	X	14.402	14.402	0	%100
20	M41	Z	-8.315	-8.315	0	%100
21	M42	X	4.89	4.89	0	%100
22	M42	Z	-2.823	-2.823	0	%100
23	M44	X	5.15	5.15	0	%100
24	M44	Z	-2.973	-2.973	0	%100
25	M73	X	2.8	2.8	0	%100
26	M73	Z	-1.617	-1.617	0	%100
27	MP1A	X	7.601	7.601	0	%100
28	MP1A	Z	-4.388	-4.388	0	%100
29	MP2A	X	9.201	9.201	0	%100
30	MP2A	Z	-5.312	-5.312	0	%100
31	MP3A	X	7.601	7.601	0	%100
32	MP3A	Z	-4.388	-4.388	0	%100
33	MP4A	X	7.601	7.601	0	%100
34	MP4A	Z	-4.388	-4.388	0	%100
35	OVP	X	6.927	6.927	0	%100
36	OVP	Z	-3.999	-3.999	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	11.868	11.868	0	%100
40	M37A	Z	-6.852	-6.852	0	%100
41	M38A	X	11.868	11.868	0	%100
42	M38A	Z	-6.852	-6.852	0	%100
43	M39A	X	19.202	19.202	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,%]
44	M39A	Z	-11.087	-11.087	0	%100
45	M42A	X	2.666	2.666	0	%100
46	M42A	Z	-1.539	-1.539	0	%100
47	M43A	X	2.666	2.666	0	%100
48	M43A	Z	-1.539	-1.539	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	4.889	4.889	0	%100
52	M48A	Z	-2.823	-2.823	0	%100
53	M50	X	5.15	5.15	0	%100
54	M50	Z	-2.973	-2.973	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	4.89	4.89	0	%100
58	M53	Z	-2.823	-2.823	0	%100
59	M55	X	5.15	5.15	0	%100
60	M55	Z	-2.973	-2.973	0	%100
61	M62	X	8.533	8.533	0	%100
62	M62	Z	-4.927	-4.927	0	%100
63	M63	X	2.967	2.967	0	%100
64	M63	Z	-1.713	-1.713	0	%100
65	M64	X	2.967	2.967	0	%100
66	M64	Z	-1.713	-1.713	0	%100
67	M65	X	4.801	4.801	0	%100
68	M65	Z	-2.772	-2.772	0	%100
69	M68	X	2.666	2.666	0	%100
70	M68	Z	-1.539	-1.539	0	%100
71	M69	X	10.663	10.663	0	%100
72	M69	Z	-6.156	-6.156	0	%100
73	M73A	X	14.402	14.402	0	%100
74	M73A	Z	-8.315	-8.315	0	%100
75	M74	X	4.89	4.89	0	%100
76	M74	Z	-2.823	-2.823	0	%100
77	M76A	X	5.15	5.15	0	%100
78	M76A	Z	-2.973	-2.973	0	%100
79	M78A	X	14.402	14.402	0	%100
80	M78A	Z	-8.315	-8.315	0	%100
81	M79	X	19.558	19.558	0	%100
82	M79	Z	-11.292	-11.292	0	%100
83	M81	X	20.6	20.6	0	%100
84	M81	Z	-11.893	-11.893	0	%100
85	MP1C	X	7.601	7.601	0	%100
86	MP1C	Z	-4.388	-4.388	0	%100
87	MP2C	X	9.201	9.201	0	%100
88	MP2C	Z	-5.312	-5.312	0	%100
89	MP3C	X	7.601	7.601	0	%100
90	MP3C	Z	-4.388	-4.388	0	%100
91	MP4C	X	7.601	7.601	0	%100
92	MP4C	Z	-4.388	-4.388	0	%100
93	MP1B	X	7.601	7.601	0	%100
94	MP1B	Z	-4.388	-4.388	0	%100
95	MP2B	X	9.201	9.201	0	%100
96	MP2B	Z	-5.312	-5.312	0	%100
97	MP3B	X	7.601	7.601	0	%100
98	MP3B	Z	-4.388	-4.388	0	%100
99	MP4B	X	7.601	7.601	0	%100
100	MP4B	Z	-4.388	-4.388	0	%100
101	M100A	X	11.201	11.201	0	%100
102	M100A	Z	-6.467	-6.467	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,%]
103	M101A	X	2.8	2.8	0	%100
104	M101A	Z	-1.617	-1.617	0	%100
105	M108	X	2.3	2.3	0	%100
106	M108	Z	-1.328	-1.328	0	%100
107	M114	X	2.973	2.973	0	%100
108	M114	Z	-1.716	-1.716	0	%100
109	M123	X	3.11	3.11	0	%100
110	M123	Z	-1.796	-1.796	0	%100
111	M132	X	12.165	12.165	0	%100
112	M132	Z	-7.023	-7.023	0	%100
113	M130A	X	9.201	9.201	0	%100
114	M130A	Z	-5.312	-5.312	0	%100
115	M131A	X	2.3	2.3	0	%100
116	M131A	Z	-1.328	-1.328	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	M25	X	13.137	13.137	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	0	0	0	%100
9	M31	X	9.234	9.234	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	9.234	9.234	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	22.173	22.173	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	16.938	16.938	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	17.84	17.84	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	22.173	22.173	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	16.938	16.938	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	17.84	17.84	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	0	0	0	%100
27	MP1A	X	8.777	8.777	0	%100
28	MP1A	Z	0	0	0	%100
29	MP2A	X	10.625	10.625	0	%100
30	MP2A	Z	0	0	0	%100
31	MP3A	X	8.777	8.777	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	8.777	8.777	0	%100
34	MP4A	Z	0	0	0	%100
35	OVP	X	7.998	7.998	0	%100
36	OVP	Z	0	0	0	%100
37	M36A	X	3.284	3.284	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	10.278	10.278	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	10.278	10.278	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,%]
42	M38A	Z	0	0	0	%100
43	M39A	X	16.63	16.63	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	9.234	9.234	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M47A	X	5.543	5.543	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	16.938	16.938	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	17.84	17.84	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	5.543	5.543	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M62	X	3.284	3.284	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	10.278	10.278	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	10.278	10.278	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	16.63	16.63	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	0	0	0	%100
71	M69	X	9.234	9.234	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	5.543	5.543	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	0	0	0	%100
79	M78A	X	5.543	5.543	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	16.938	16.938	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	17.84	17.84	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	8.777	8.777	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	10.625	10.625	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	8.777	8.777	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	8.777	8.777	0	%100
92	MP4C	Z	0	0	0	%100
93	MP1B	X	8.777	8.777	0	%100
94	MP1B	Z	0	0	0	%100
95	MP2B	X	10.625	10.625	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	8.777	8.777	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	8.777	8.777	0	%100
100	MP4B	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,%]
101	M100A	X	9.701	9.701	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	9.701	9.701	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	M114	X	10.456	10.456	0	%100
108	M114	Z	0	0	0	%100
109	M123	X	.000599	.000599	0	%100
110	M123	Z	0	0	0	%100
111	M132	X	10.614	10.614	0	%100
112	M132	Z	0	0	0	%100
113	M130A	X	7.968	7.968	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	7.968	7.968	0	%100
116	M131A	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	M25	X	8.533	8.533	0	%100
2	M25	Z	4.927	4.927	0	%100
3	M26	X	2.967	2.967	0	%100
4	M26	Z	1.713	1.713	0	%100
5	M27	X	2.967	2.967	0	%100
6	M27	Z	1.713	1.713	0	%100
7	M28	X	4.801	4.801	0	%100
8	M28	Z	2.772	2.772	0	%100
9	M31	X	2.666	2.666	0	%100
10	M31	Z	1.539	1.539	0	%100
11	M32	X	10.663	10.663	0	%100
12	M32	Z	6.156	6.156	0	%100
13	M36	X	14.402	14.402	0	%100
14	M36	Z	8.315	8.315	0	%100
15	M37	X	4.89	4.89	0	%100
16	M37	Z	2.823	2.823	0	%100
17	M39	X	5.15	5.15	0	%100
18	M39	Z	2.973	2.973	0	%100
19	M41	X	14.402	14.402	0	%100
20	M41	Z	8.315	8.315	0	%100
21	M42	X	19.558	19.558	0	%100
22	M42	Z	11.292	11.292	0	%100
23	M44	X	20.6	20.6	0	%100
24	M44	Z	11.893	11.893	0	%100
25	M73	X	2.8	2.8	0	%100
26	M73	Z	1.617	1.617	0	%100
27	MP1A	X	7.601	7.601	0	%100
28	MP1A	Z	4.388	4.388	0	%100
29	MP2A	X	9.201	9.201	0	%100
30	MP2A	Z	5.312	5.312	0	%100
31	MP3A	X	7.601	7.601	0	%100
32	MP3A	Z	4.388	4.388	0	%100
33	MP4A	X	7.601	7.601	0	%100
34	MP4A	Z	4.388	4.388	0	%100
35	OVP	X	6.927	6.927	0	%100
36	OVP	Z	3.999	3.999	0	%100
37	M36A	X	8.533	8.533	0	%100
38	M36A	Z	4.927	4.927	0	%100
39	M37A	X	2.967	2.967	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	M37A	Z	1.713	1.713	0	%100
41	M38A	X	2.967	2.967	0	%100
42	M38A	Z	1.713	1.713	0	%100
43	M39A	X	4.801	4.801	0	%100
44	M39A	Z	2.772	2.772	0	%100
45	M42A	X	10.663	10.663	0	%100
46	M42A	Z	6.156	6.156	0	%100
47	M43A	X	2.666	2.666	0	%100
48	M43A	Z	1.539	1.539	0	%100
49	M47A	X	14.402	14.402	0	%100
50	M47A	Z	8.315	8.315	0	%100
51	M48A	X	19.558	19.558	0	%100
52	M48A	Z	11.292	11.292	0	%100
53	M50	X	20.6	20.6	0	%100
54	M50	Z	11.893	11.893	0	%100
55	M52	X	14.402	14.402	0	%100
56	M52	Z	8.315	8.315	0	%100
57	M53	X	4.89	4.89	0	%100
58	M53	Z	2.823	2.823	0	%100
59	M55	X	5.15	5.15	0	%100
60	M55	Z	2.973	2.973	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	11.868	11.868	0	%100
64	M63	Z	6.852	6.852	0	%100
65	M64	X	11.868	11.868	0	%100
66	M64	Z	6.852	6.852	0	%100
67	M65	X	19.202	19.202	0	%100
68	M65	Z	11.087	11.087	0	%100
69	M68	X	2.666	2.666	0	%100
70	M68	Z	1.539	1.539	0	%100
71	M69	X	2.666	2.666	0	%100
72	M69	Z	1.539	1.539	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	4.889	4.889	0	%100
76	M74	Z	2.823	2.823	0	%100
77	M76A	X	5.15	5.15	0	%100
78	M76A	Z	2.973	2.973	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	4.89	4.89	0	%100
82	M79	Z	2.823	2.823	0	%100
83	M81	X	5.15	5.15	0	%100
84	M81	Z	2.973	2.973	0	%100
85	MP1C	X	7.601	7.601	0	%100
86	MP1C	Z	4.388	4.388	0	%100
87	MP2C	X	9.201	9.201	0	%100
88	MP2C	Z	5.312	5.312	0	%100
89	MP3C	X	7.601	7.601	0	%100
90	MP3C	Z	4.388	4.388	0	%100
91	MP4C	X	7.601	7.601	0	%100
92	MP4C	Z	4.388	4.388	0	%100
93	MP1B	X	7.601	7.601	0	%100
94	MP1B	Z	4.388	4.388	0	%100
95	MP2B	X	9.201	9.201	0	%100
96	MP2B	Z	5.312	5.312	0	%100
97	MP3B	X	7.601	7.601	0	%100
98	MP3B	Z	4.388	4.388	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	MP4B	X	7.601	7.601	0	%100
100	MP4B	Z	4.388	4.388	0	%100
101	M100A	X	2.8	2.8	0	%100
102	M100A	Z	1.617	1.617	0	%100
103	M101A	X	11.201	11.201	0	%100
104	M101A	Z	6.467	6.467	0	%100
105	M108	X	2.3	2.3	0	%100
106	M108	Z	1.328	1.328	0	%100
107	M114	X	12.165	12.165	0	%100
108	M114	Z	7.023	7.023	0	%100
109	M123	X	2.973	2.973	0	%100
110	M123	Z	1.716	1.716	0	%100
111	M132	X	3.11	3.11	0	%100
112	M132	Z	1.796	1.796	0	%100
113	M130A	X	2.3	2.3	0	%100
114	M130A	Z	1.328	1.328	0	%100
115	M131A	X	9.201	9.201	0	%100
116	M131A	Z	5.312	5.312	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	M25	X	1.642	1.642	0	%100
2	M25	Z	2.844	2.844	0	%100
3	M26	X	5.139	5.139	0	%100
4	M26	Z	8.901	8.901	0	%100
5	M27	X	5.139	5.139	0	%100
6	M27	Z	8.901	8.901	0	%100
7	M28	X	8.315	8.315	0	%100
8	M28	Z	14.402	14.402	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	4.617	4.617	0	%100
12	M32	Z	7.997	7.997	0	%100
13	M36	X	2.772	2.772	0	%100
14	M36	Z	4.801	4.801	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	2.772	2.772	0	%100
20	M41	Z	4.801	4.801	0	%100
21	M42	X	8.469	8.469	0	%100
22	M42	Z	14.669	14.669	0	%100
23	M44	X	8.92	8.92	0	%100
24	M44	Z	15.45	15.45	0	%100
25	M73	X	4.85	4.85	0	%100
26	M73	Z	8.401	8.401	0	%100
27	MP1A	X	4.388	4.388	0	%100
28	MP1A	Z	7.601	7.601	0	%100
29	MP2A	X	5.312	5.312	0	%100
30	MP2A	Z	9.201	9.201	0	%100
31	MP3A	X	4.388	4.388	0	%100
32	MP3A	Z	7.601	7.601	0	%100
33	MP4A	X	4.388	4.388	0	%100
34	MP4A	Z	7.601	7.601	0	%100
35	OVP	X	3.999	3.999	0	%100
36	OVP	Z	6.927	6.927	0	%100
37	M36A	X	6.569	6.569	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,%]
38	M36A	Z	11.377	11.377	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	4.617	4.617	0	%100
46	M42A	Z	7.997	7.997	0	%100
47	M43A	X	4.617	4.617	0	%100
48	M43A	Z	7.997	7.997	0	%100
49	M47A	X	11.087	11.087	0	%100
50	M47A	Z	19.202	19.202	0	%100
51	M48A	X	8.469	8.469	0	%100
52	M48A	Z	14.669	14.669	0	%100
53	M50	X	8.92	8.92	0	%100
54	M50	Z	15.45	15.45	0	%100
55	M52	X	11.087	11.087	0	%100
56	M52	Z	19.202	19.202	0	%100
57	M53	X	8.469	8.469	0	%100
58	M53	Z	14.669	14.669	0	%100
59	M55	X	8.92	8.92	0	%100
60	M55	Z	15.45	15.45	0	%100
61	M62	X	1.642	1.642	0	%100
62	M62	Z	2.844	2.844	0	%100
63	M63	X	5.139	5.139	0	%100
64	M63	Z	8.901	8.901	0	%100
65	M64	X	5.139	5.139	0	%100
66	M64	Z	8.901	8.901	0	%100
67	M65	X	8.315	8.315	0	%100
68	M65	Z	14.402	14.402	0	%100
69	M68	X	4.617	4.617	0	%100
70	M68	Z	7.997	7.997	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	2.772	2.772	0	%100
74	M73A	Z	4.801	4.801	0	%100
75	M74	X	8.469	8.469	0	%100
76	M74	Z	14.669	14.669	0	%100
77	M76A	X	8.92	8.92	0	%100
78	M76A	Z	15.45	15.45	0	%100
79	M78A	X	2.772	2.772	0	%100
80	M78A	Z	4.801	4.801	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	4.388	4.388	0	%100
86	MP1C	Z	7.601	7.601	0	%100
87	MP2C	X	5.312	5.312	0	%100
88	MP2C	Z	9.201	9.201	0	%100
89	MP3C	X	4.388	4.388	0	%100
90	MP3C	Z	7.601	7.601	0	%100
91	MP4C	X	4.388	4.388	0	%100
92	MP4C	Z	7.601	7.601	0	%100
93	MP1B	X	4.388	4.388	0	%100
94	MP1B	Z	7.601	7.601	0	%100
95	MP2B	X	5.312	5.312	0	%100
96	MP2B	Z	9.201	9.201	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,%]
97	MP3B	X	4.388	4.388	0	%100
98	MP3B	Z	7.601	7.601	0	%100
99	MP4B	X	4.388	4.388	0	%100
100	MP4B	Z	7.601	7.601	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	4.85	4.85	0	%100
104	M101A	Z	8.401	8.401	0	%100
105	M108	X	3.984	3.984	0	%100
106	M108	Z	6.901	6.901	0	%100
107	M114	X	5.307	5.307	0	%100
108	M114	Z	9.192	9.192	0	%100
109	M123	X	5.228	5.228	0	%100
110	M123	Z	9.055	9.055	0	%100
111	M132	X	.000299	.000299	0	%100
112	M132	Z	.000518	.000518	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	3.984	3.984	0	%100
116	M131A	Z	6.901	6.901	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	M25	X	0	0	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	13.704	13.704	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	13.704	13.704	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	22.173	22.173	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	3.078	3.078	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	3.078	3.078	0	%100
13	M36	X	0	0	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	5.646	5.646	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	5.947	5.947	0	%100
19	M41	X	0	0	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	5.646	5.646	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	5.947	5.947	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	12.934	12.934	0	%100
27	MP1A	X	0	0	0	%100
28	MP1A	Z	8.777	8.777	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	10.625	10.625	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	8.777	8.777	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	8.777	8.777	0	%100
35	OVP	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,%]
36	OVP	Z	7.998	7.998	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	9.853	9.853	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	3.426	3.426	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	3.426	3.426	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	5.543	5.543	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	3.078	3.078	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	12.312	12.312	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	16.63	16.63	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	5.646	5.646	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	5.947	5.947	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	16.63	16.63	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	22.584	22.584	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	23.787	23.787	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	9.853	9.853	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	3.426	3.426	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	3.426	3.426	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	5.543	5.543	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	12.312	12.312	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	3.078	3.078	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	16.63	16.63	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	22.584	22.584	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	23.787	23.787	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	16.63	16.63	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	5.646	5.646	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	5.947	5.947	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	8.777	8.777	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	10.625	10.625	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	8.777	8.777	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	8.777	8.777	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	8.777	8.777	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,%]
95	MP2B	X	0	0	0	%100
96	MP2B	Z	10.625	10.625	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	8.777	8.777	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	8.777	8.777	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	3.234	3.234	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	3.234	3.234	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	10.625	10.625	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	3.591	3.591	0	%100
109	M123	X	0	0	0	%100
110	M123	Z	14.046	14.046	0	%100
111	M132	X	0	0	0	%100
112	M132	Z	3.433	3.433	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	2.656	2.656	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	2.656	2.656	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M25	X	-1.642	-1.642	0	%100
2	M25	Z	2.844	2.844	0	%100
3	M26	X	-5.139	-5.139	0	%100
4	M26	Z	8.901	8.901	0	%100
5	M27	X	-5.139	-5.139	0	%100
6	M27	Z	8.901	8.901	0	%100
7	M28	X	-8.315	-8.315	0	%100
8	M28	Z	14.402	14.402	0	%100
9	M31	X	-4.617	-4.617	0	%100
10	M31	Z	7.997	7.997	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	-2.772	-2.772	0	%100
14	M36	Z	4.801	4.801	0	%100
15	M37	X	-8.469	-8.469	0	%100
16	M37	Z	14.669	14.669	0	%100
17	M39	X	-8.92	-8.92	0	%100
18	M39	Z	15.45	15.45	0	%100
19	M41	X	-2.772	-2.772	0	%100
20	M41	Z	4.801	4.801	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	-4.85	-4.85	0	%100
26	M73	Z	8.401	8.401	0	%100
27	MP1A	X	-4.388	-4.388	0	%100
28	MP1A	Z	7.601	7.601	0	%100
29	MP2A	X	-5.312	-5.312	0	%100
30	MP2A	Z	9.201	9.201	0	%100
31	MP3A	X	-4.388	-4.388	0	%100
32	MP3A	Z	7.601	7.601	0	%100
33	MP4A	X	-4.388	-4.388	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,%]
34	MP4A	Z	7.601	7.601	0	%100
35	OVP	X	-3.999	-3.999	0	%100
36	OVP	Z	6.927	6.927	0	%100
37	M36A	X	-1.642	-1.642	0	%100
38	M36A	Z	2.844	2.844	0	%100
39	M37A	X	-5.139	-5.139	0	%100
40	M37A	Z	8.901	8.901	0	%100
41	M38A	X	-5.139	-5.139	0	%100
42	M38A	Z	8.901	8.901	0	%100
43	M39A	X	-8.315	-8.315	0	%100
44	M39A	Z	14.402	14.402	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	-4.617	-4.617	0	%100
48	M43A	Z	7.997	7.997	0	%100
49	M47A	X	-2.772	-2.772	0	%100
50	M47A	Z	4.801	4.801	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	-2.772	-2.772	0	%100
56	M52	Z	4.801	4.801	0	%100
57	M53	X	-8.469	-8.469	0	%100
58	M53	Z	14.669	14.669	0	%100
59	M55	X	-8.92	-8.92	0	%100
60	M55	Z	15.45	15.45	0	%100
61	M62	X	-6.569	-6.569	0	%100
62	M62	Z	11.377	11.377	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	-4.617	-4.617	0	%100
70	M68	Z	7.997	7.997	0	%100
71	M69	X	-4.617	-4.617	0	%100
72	M69	Z	7.997	7.997	0	%100
73	M73A	X	-11.087	-11.087	0	%100
74	M73A	Z	19.202	19.202	0	%100
75	M74	X	-8.469	-8.469	0	%100
76	M74	Z	14.669	14.669	0	%100
77	M76A	X	-8.92	-8.92	0	%100
78	M76A	Z	15.45	15.45	0	%100
79	M78A	X	-11.087	-11.087	0	%100
80	M78A	Z	19.202	19.202	0	%100
81	M79	X	-8.469	-8.469	0	%100
82	M79	Z	14.669	14.669	0	%100
83	M81	X	-8.92	-8.92	0	%100
84	M81	Z	15.45	15.45	0	%100
85	MP1C	X	-4.388	-4.388	0	%100
86	MP1C	Z	7.601	7.601	0	%100
87	MP2C	X	-5.312	-5.312	0	%100
88	MP2C	Z	9.201	9.201	0	%100
89	MP3C	X	-4.388	-4.388	0	%100
90	MP3C	Z	7.601	7.601	0	%100
91	MP4C	X	-4.388	-4.388	0	%100
92	MP4C	Z	7.601	7.601	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,%]
93	MP1B	X	-4.388	-4.388	0	%100
94	MP1B	Z	7.601	7.601	0	%100
95	MP2B	X	-5.312	-5.312	0	%100
96	MP2B	Z	9.201	9.201	0	%100
97	MP3B	X	-4.388	-4.388	0	%100
98	MP3B	Z	7.601	7.601	0	%100
99	MP4B	X	-4.388	-4.388	0	%100
100	MP4B	Z	7.601	7.601	0	%100
101	M100A	X	-4.85	-4.85	0	%100
102	M100A	Z	8.401	8.401	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	-3.984	-3.984	0	%100
106	M108	Z	6.901	6.901	0	%100
107	M114	X	-.000299	-.000299	0	%100
108	M114	Z	.000518	.000518	0	%100
109	M123	X	-5.307	-5.307	0	%100
110	M123	Z	9.192	9.192	0	%100
111	M132	X	-5.228	-5.228	0	%100
112	M132	Z	9.055	9.055	0	%100
113	M130A	X	-3.984	-3.984	0	%100
114	M130A	Z	6.901	6.901	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M25	X	-8.533	-8.533	0	%100
2	M25	Z	4.927	4.927	0	%100
3	M26	X	-2.967	-2.967	0	%100
4	M26	Z	1.713	1.713	0	%100
5	M27	X	-2.967	-2.967	0	%100
6	M27	Z	1.713	1.713	0	%100
7	M28	X	-4.801	-4.801	0	%100
8	M28	Z	2.772	2.772	0	%100
9	M31	X	-10.663	-10.663	0	%100
10	M31	Z	6.156	6.156	0	%100
11	M32	X	-2.666	-2.666	0	%100
12	M32	Z	1.539	1.539	0	%100
13	M36	X	-14.402	-14.402	0	%100
14	M36	Z	8.315	8.315	0	%100
15	M37	X	-19.558	-19.558	0	%100
16	M37	Z	11.292	11.292	0	%100
17	M39	X	-20.6	-20.6	0	%100
18	M39	Z	11.893	11.893	0	%100
19	M41	X	-14.402	-14.402	0	%100
20	M41	Z	8.315	8.315	0	%100
21	M42	X	-4.89	-4.89	0	%100
22	M42	Z	2.823	2.823	0	%100
23	M44	X	-5.15	-5.15	0	%100
24	M44	Z	2.973	2.973	0	%100
25	M73	X	-2.8	-2.8	0	%100
26	M73	Z	1.617	1.617	0	%100
27	MP1A	X	-7.601	-7.601	0	%100
28	MP1A	Z	4.388	4.388	0	%100
29	MP2A	X	-9.201	-9.201	0	%100
30	MP2A	Z	5.312	5.312	0	%100
31	MP3A	X	-7.601	-7.601	0	%100

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,%]
32	MP3A	Z	4.388	4.388	0	%100
33	MP4A	X	-7.601	-7.601	0	%100
34	MP4A	Z	4.388	4.388	0	%100
35	OVP	X	-6.927	-6.927	0	%100
36	OVP	Z	3.999	3.999	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	-11.868	-11.868	0	%100
40	M37A	Z	6.852	6.852	0	%100
41	M38A	X	-11.868	-11.868	0	%100
42	M38A	Z	6.852	6.852	0	%100
43	M39A	X	-19.202	-19.202	0	%100
44	M39A	Z	11.087	11.087	0	%100
45	M42A	X	-2.666	-2.666	0	%100
46	M42A	Z	1.539	1.539	0	%100
47	M43A	X	-2.666	-2.666	0	%100
48	M43A	Z	1.539	1.539	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	-4.889	-4.889	0	%100
52	M48A	Z	2.823	2.823	0	%100
53	M50	X	-5.15	-5.15	0	%100
54	M50	Z	2.973	2.973	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	-4.89	-4.89	0	%100
58	M53	Z	2.823	2.823	0	%100
59	M55	X	-5.15	-5.15	0	%100
60	M55	Z	2.973	2.973	0	%100
61	M62	X	-8.533	-8.533	0	%100
62	M62	Z	4.927	4.927	0	%100
63	M63	X	-2.967	-2.967	0	%100
64	M63	Z	1.713	1.713	0	%100
65	M64	X	-2.967	-2.967	0	%100
66	M64	Z	1.713	1.713	0	%100
67	M65	X	-4.801	-4.801	0	%100
68	M65	Z	2.772	2.772	0	%100
69	M68	X	-2.666	-2.666	0	%100
70	M68	Z	1.539	1.539	0	%100
71	M69	X	-10.663	-10.663	0	%100
72	M69	Z	6.156	6.156	0	%100
73	M73A	X	-14.402	-14.402	0	%100
74	M73A	Z	8.315	8.315	0	%100
75	M74	X	-4.89	-4.89	0	%100
76	M74	Z	2.823	2.823	0	%100
77	M76A	X	-5.15	-5.15	0	%100
78	M76A	Z	2.973	2.973	0	%100
79	M78A	X	-14.402	-14.402	0	%100
80	M78A	Z	8.315	8.315	0	%100
81	M79	X	-19.558	-19.558	0	%100
82	M79	Z	11.292	11.292	0	%100
83	M81	X	-20.6	-20.6	0	%100
84	M81	Z	11.893	11.893	0	%100
85	MP1C	X	-7.601	-7.601	0	%100
86	MP1C	Z	4.388	4.388	0	%100
87	MP2C	X	-9.201	-9.201	0	%100
88	MP2C	Z	5.312	5.312	0	%100
89	MP3C	X	-7.601	-7.601	0	%100
90	MP3C	Z	4.388	4.388	0	%100

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,%]
91	MP4C	X	-7.601	-7.601	0	%100
92	MP4C	Z	4.388	4.388	0	%100
93	MP1B	X	-7.601	-7.601	0	%100
94	MP1B	Z	4.388	4.388	0	%100
95	MP2B	X	-9.201	-9.201	0	%100
96	MP2B	Z	5.312	5.312	0	%100
97	MP3B	X	-7.601	-7.601	0	%100
98	MP3B	Z	4.388	4.388	0	%100
99	MP4B	X	-7.601	-7.601	0	%100
100	MP4B	Z	4.388	4.388	0	%100
101	M100A	X	-11.201	-11.201	0	%100
102	M100A	Z	6.467	6.467	0	%100
103	M101A	X	-2.8	-2.8	0	%100
104	M101A	Z	1.617	1.617	0	%100
105	M108	X	-2.3	-2.3	0	%100
106	M108	Z	1.328	1.328	0	%100
107	M114	X	-2.973	-2.973	0	%100
108	M114	Z	1.716	1.716	0	%100
109	M123	X	-3.11	-3.11	0	%100
110	M123	Z	1.796	1.796	0	%100
111	M132	X	-12.165	-12.165	0	%100
112	M132	Z	7.023	7.023	0	%100
113	M130A	X	-9.201	-9.201	0	%100
114	M130A	Z	5.312	5.312	0	%100
115	M131A	X	-2.3	-2.3	0	%100
116	M131A	Z	1.328	1.328	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	M25	X	-13.137	-13.137	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	0	0	0	%100
9	M31	X	-9.234	-9.234	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	-9.234	-9.234	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	-22.173	-22.173	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	-16.938	-16.938	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	-17.84	-17.84	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	-22.173	-22.173	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	-16.938	-16.938	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	-17.84	-17.84	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	0	0	0	%100
27	MP1A	X	-8.777	-8.777	0	%100
28	MP1A	Z	0	0	0	%100
29	MP2A	X	-10.625	-10.625	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,%]
30	MP2A	Z	0	0	0	%100
31	MP3A	X	-8.777	-8.777	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-8.777	-8.777	0	%100
34	MP4A	Z	0	0	0	%100
35	OVP	X	-7.998	-7.998	0	%100
36	OVP	Z	0	0	0	%100
37	M36A	X	-3.284	-3.284	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	-10.278	-10.278	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	-10.278	-10.278	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	-16.63	-16.63	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	-9.234	-9.234	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M47A	X	-5.543	-5.543	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	-16.938	-16.938	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	-17.84	-17.84	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	-5.543	-5.543	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M62	X	-3.284	-3.284	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-10.278	-10.278	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	-10.278	-10.278	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	-16.63	-16.63	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	0	0	0	%100
71	M69	X	-9.234	-9.234	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	-5.543	-5.543	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	0	0	0	%100
79	M78A	X	-5.543	-5.543	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	-16.938	-16.938	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	-17.84	-17.84	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	-8.777	-8.777	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	-10.625	-10.625	0	%100
88	MP2C	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,%]
89	MP3C	X	-8.777	-8.777	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-8.777	-8.777	0	%100
92	MP4C	Z	0	0	0	%100
93	MP1B	X	-8.777	-8.777	0	%100
94	MP1B	Z	0	0	0	%100
95	MP2B	X	-10.625	-10.625	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	-8.777	-8.777	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-8.777	-8.777	0	%100
100	MP4B	Z	0	0	0	%100
101	M100A	X	-9.701	-9.701	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	-9.701	-9.701	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	M114	X	-10.456	-10.456	0	%100
108	M114	Z	0	0	0	%100
109	M123	X	-.000599	-.000599	0	%100
110	M123	Z	0	0	0	%100
111	M132	X	-10.614	-10.614	0	%100
112	M132	Z	0	0	0	%100
113	M130A	X	-7.968	-7.968	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	-7.968	-7.968	0	%100
116	M131A	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	M25	X	-8.533	-8.533	0	%100
2	M25	Z	-4.927	-4.927	0	%100
3	M26	X	-2.967	-2.967	0	%100
4	M26	Z	-1.713	-1.713	0	%100
5	M27	X	-2.967	-2.967	0	%100
6	M27	Z	-1.713	-1.713	0	%100
7	M28	X	-4.801	-4.801	0	%100
8	M28	Z	-2.772	-2.772	0	%100
9	M31	X	-2.666	-2.666	0	%100
10	M31	Z	-1.539	-1.539	0	%100
11	M32	X	-10.663	-10.663	0	%100
12	M32	Z	-6.156	-6.156	0	%100
13	M36	X	-14.402	-14.402	0	%100
14	M36	Z	-8.315	-8.315	0	%100
15	M37	X	-4.89	-4.89	0	%100
16	M37	Z	-2.823	-2.823	0	%100
17	M39	X	-5.15	-5.15	0	%100
18	M39	Z	-2.973	-2.973	0	%100
19	M41	X	-14.402	-14.402	0	%100
20	M41	Z	-8.315	-8.315	0	%100
21	M42	X	-19.558	-19.558	0	%100
22	M42	Z	-11.292	-11.292	0	%100
23	M44	X	-20.6	-20.6	0	%100
24	M44	Z	-11.893	-11.893	0	%100
25	M73	X	-2.8	-2.8	0	%100
26	M73	Z	-1.617	-1.617	0	%100
27	MP1A	X	-7.601	-7.601	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,%]
28	MP1A	Z	-4.388	-4.388	0	%100
29	MP2A	X	-9.201	-9.201	0	%100
30	MP2A	Z	-5.312	-5.312	0	%100
31	MP3A	X	-7.601	-7.601	0	%100
32	MP3A	Z	-4.388	-4.388	0	%100
33	MP4A	X	-7.601	-7.601	0	%100
34	MP4A	Z	-4.388	-4.388	0	%100
35	OVP	X	-6.927	-6.927	0	%100
36	OVP	Z	-3.999	-3.999	0	%100
37	M36A	X	-8.533	-8.533	0	%100
38	M36A	Z	-4.927	-4.927	0	%100
39	M37A	X	-2.967	-2.967	0	%100
40	M37A	Z	-1.713	-1.713	0	%100
41	M38A	X	-2.967	-2.967	0	%100
42	M38A	Z	-1.713	-1.713	0	%100
43	M39A	X	-4.801	-4.801	0	%100
44	M39A	Z	-2.772	-2.772	0	%100
45	M42A	X	-10.663	-10.663	0	%100
46	M42A	Z	-6.156	-6.156	0	%100
47	M43A	X	-2.666	-2.666	0	%100
48	M43A	Z	-1.539	-1.539	0	%100
49	M47A	X	-14.402	-14.402	0	%100
50	M47A	Z	-8.315	-8.315	0	%100
51	M48A	X	-19.558	-19.558	0	%100
52	M48A	Z	-11.292	-11.292	0	%100
53	M50	X	-20.6	-20.6	0	%100
54	M50	Z	-11.893	-11.893	0	%100
55	M52	X	-14.402	-14.402	0	%100
56	M52	Z	-8.315	-8.315	0	%100
57	M53	X	-4.89	-4.89	0	%100
58	M53	Z	-2.823	-2.823	0	%100
59	M55	X	-5.15	-5.15	0	%100
60	M55	Z	-2.973	-2.973	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-11.868	-11.868	0	%100
64	M63	Z	-6.852	-6.852	0	%100
65	M64	X	-11.868	-11.868	0	%100
66	M64	Z	-6.852	-6.852	0	%100
67	M65	X	-19.202	-19.202	0	%100
68	M65	Z	-11.087	-11.087	0	%100
69	M68	X	-2.666	-2.666	0	%100
70	M68	Z	-1.539	-1.539	0	%100
71	M69	X	-2.666	-2.666	0	%100
72	M69	Z	-1.539	-1.539	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	-4.889	-4.889	0	%100
76	M74	Z	-2.823	-2.823	0	%100
77	M76A	X	-5.15	-5.15	0	%100
78	M76A	Z	-2.973	-2.973	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	-4.89	-4.89	0	%100
82	M79	Z	-2.823	-2.823	0	%100
83	M81	X	-5.15	-5.15	0	%100
84	M81	Z	-2.973	-2.973	0	%100
85	MP1C	X	-7.601	-7.601	0	%100
86	MP1C	Z	-4.388	-4.388	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,%]
87	MP2C	X	-9.201	-9.201	0	%100
88	MP2C	Z	-5.312	-5.312	0	%100
89	MP3C	X	-7.601	-7.601	0	%100
90	MP3C	Z	-4.388	-4.388	0	%100
91	MP4C	X	-7.601	-7.601	0	%100
92	MP4C	Z	-4.388	-4.388	0	%100
93	MP1B	X	-7.601	-7.601	0	%100
94	MP1B	Z	-4.388	-4.388	0	%100
95	MP2B	X	-9.201	-9.201	0	%100
96	MP2B	Z	-5.312	-5.312	0	%100
97	MP3B	X	-7.601	-7.601	0	%100
98	MP3B	Z	-4.388	-4.388	0	%100
99	MP4B	X	-7.601	-7.601	0	%100
100	MP4B	Z	-4.388	-4.388	0	%100
101	M100A	X	-2.8	-2.8	0	%100
102	M100A	Z	-1.617	-1.617	0	%100
103	M101A	X	-11.201	-11.201	0	%100
104	M101A	Z	-6.467	-6.467	0	%100
105	M108	X	-2.3	-2.3	0	%100
106	M108	Z	-1.328	-1.328	0	%100
107	M114	X	-12.165	-12.165	0	%100
108	M114	Z	-7.023	-7.023	0	%100
109	M123	X	-2.973	-2.973	0	%100
110	M123	Z	-1.716	-1.716	0	%100
111	M132	X	-3.11	-3.11	0	%100
112	M132	Z	-1.796	-1.796	0	%100
113	M130A	X	-2.3	-2.3	0	%100
114	M130A	Z	-1.328	-1.328	0	%100
115	M131A	X	-9.201	-9.201	0	%100
116	M131A	Z	-5.312	-5.312	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	M25	X	-1.642	-1.642	0	%100
2	M25	Z	-2.844	-2.844	0	%100
3	M26	X	-5.139	-5.139	0	%100
4	M26	Z	-8.901	-8.901	0	%100
5	M27	X	-5.139	-5.139	0	%100
6	M27	Z	-8.901	-8.901	0	%100
7	M28	X	-8.315	-8.315	0	%100
8	M28	Z	-14.402	-14.402	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	-4.617	-4.617	0	%100
12	M32	Z	-7.997	-7.997	0	%100
13	M36	X	-2.772	-2.772	0	%100
14	M36	Z	-4.801	-4.801	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	-2.772	-2.772	0	%100
20	M41	Z	-4.801	-4.801	0	%100
21	M42	X	-8.469	-8.469	0	%100
22	M42	Z	-14.669	-14.669	0	%100
23	M44	X	-8.92	-8.92	0	%100
24	M44	Z	-15.45	-15.45	0	%100
25	M73	X	-4.85	-4.85	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,%]
26	M73	Z	-8.401	-8.401	0	%100
27	MP1A	X	-4.388	-4.388	0	%100
28	MP1A	Z	-7.601	-7.601	0	%100
29	MP2A	X	-5.312	-5.312	0	%100
30	MP2A	Z	-9.201	-9.201	0	%100
31	MP3A	X	-4.388	-4.388	0	%100
32	MP3A	Z	-7.601	-7.601	0	%100
33	MP4A	X	-4.388	-4.388	0	%100
34	MP4A	Z	-7.601	-7.601	0	%100
35	OVP	X	-3.999	-3.999	0	%100
36	OVP	Z	-6.927	-6.927	0	%100
37	M36A	X	-6.569	-6.569	0	%100
38	M36A	Z	-11.377	-11.377	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	-4.617	-4.617	0	%100
46	M42A	Z	-7.997	-7.997	0	%100
47	M43A	X	-4.617	-4.617	0	%100
48	M43A	Z	-7.997	-7.997	0	%100
49	M47A	X	-11.087	-11.087	0	%100
50	M47A	Z	-19.202	-19.202	0	%100
51	M48A	X	-8.469	-8.469	0	%100
52	M48A	Z	-14.669	-14.669	0	%100
53	M50	X	-8.92	-8.92	0	%100
54	M50	Z	-15.45	-15.45	0	%100
55	M52	X	-11.087	-11.087	0	%100
56	M52	Z	-19.202	-19.202	0	%100
57	M53	X	-8.469	-8.469	0	%100
58	M53	Z	-14.669	-14.669	0	%100
59	M55	X	-8.92	-8.92	0	%100
60	M55	Z	-15.45	-15.45	0	%100
61	M62	X	-1.642	-1.642	0	%100
62	M62	Z	-2.844	-2.844	0	%100
63	M63	X	-5.139	-5.139	0	%100
64	M63	Z	-8.901	-8.901	0	%100
65	M64	X	-5.139	-5.139	0	%100
66	M64	Z	-8.901	-8.901	0	%100
67	M65	X	-8.315	-8.315	0	%100
68	M65	Z	-14.402	-14.402	0	%100
69	M68	X	-4.617	-4.617	0	%100
70	M68	Z	-7.997	-7.997	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	-2.772	-2.772	0	%100
74	M73A	Z	-4.801	-4.801	0	%100
75	M74	X	-8.469	-8.469	0	%100
76	M74	Z	-14.669	-14.669	0	%100
77	M76A	X	-8.92	-8.92	0	%100
78	M76A	Z	-15.45	-15.45	0	%100
79	M78A	X	-2.772	-2.772	0	%100
80	M78A	Z	-4.801	-4.801	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
85	MP1C	X	-4.388	-4.388	0	%100
86	MP1C	Z	-7.601	-7.601	0	%100
87	MP2C	X	-5.312	-5.312	0	%100
88	MP2C	Z	-9.201	-9.201	0	%100
89	MP3C	X	-4.388	-4.388	0	%100
90	MP3C	Z	-7.601	-7.601	0	%100
91	MP4C	X	-4.388	-4.388	0	%100
92	MP4C	Z	-7.601	-7.601	0	%100
93	MP1B	X	-4.388	-4.388	0	%100
94	MP1B	Z	-7.601	-7.601	0	%100
95	MP2B	X	-5.312	-5.312	0	%100
96	MP2B	Z	-9.201	-9.201	0	%100
97	MP3B	X	-4.388	-4.388	0	%100
98	MP3B	Z	-7.601	-7.601	0	%100
99	MP4B	X	-4.388	-4.388	0	%100
100	MP4B	Z	-7.601	-7.601	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	-4.85	-4.85	0	%100
104	M101A	Z	-8.401	-8.401	0	%100
105	M108	X	-3.984	-3.984	0	%100
106	M108	Z	-6.901	-6.901	0	%100
107	M114	X	-5.307	-5.307	0	%100
108	M114	Z	-9.192	-9.192	0	%100
109	M123	X	-5.228	-5.228	0	%100
110	M123	Z	-9.055	-9.055	0	%100
111	M132	X	-.000299	-.000299	0	%100
112	M132	Z	-.000518	-.000518	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	-3.984	-3.984	0	%100
116	M131A	Z	-6.901	-6.901	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	M25	X	0	0	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	-3.238	-3.238	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	-3.238	-3.238	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	-4.417	-4.417	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	-.813	-.813	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	-.813	-.813	0	%100
13	M36	X	0	0	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	-1.103	-1.103	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	-1.151	-1.151	0	%100
19	M41	X	0	0	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	-1.103	-1.103	0	%100
23	M44	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,%]
24	M44	Z	-1.151	-1.151	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	-3.435	-3.435	0	%100
27	MP1A	X	0	0	0	%100
28	MP1A	Z	-2.77	-2.77	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	-3.066	-3.066	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-2.77	-2.77	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	-2.77	-2.77	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-2.539	-2.539	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	-2.601	-2.601	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	-.81	-.81	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	-.81	-.81	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	-1.104	-1.104	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	-.813	-.813	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-3.25	-3.25	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	-3.258	-3.258	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	-1.103	-1.103	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-1.151	-1.151	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-3.258	-3.258	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-4.41	-4.41	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-4.603	-4.603	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-2.601	-2.601	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-.81	-.81	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	-.81	-.81	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-1.104	-1.104	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	-3.25	-3.25	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-.813	-.813	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	-3.258	-3.258	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-4.41	-4.41	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-4.603	-4.603	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	-3.258	-3.258	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-1.103	-1.103	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,%]
83	M81	X	0	0	0	%100
84	M81	Z	-1.151	-1.151	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-2.77	-2.77	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	-3.066	-3.066	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-2.77	-2.77	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-2.77	-2.77	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-2.77	-2.77	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-3.066	-3.066	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-2.77	-2.77	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-2.77	-2.77	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	-.859	-.859	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	-.859	-.859	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-3.066	-3.066	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-.851	-.851	0	%100
109	M123	X	0	0	0	%100
110	M123	Z	-3.329	-3.329	0	%100
111	M132	X	0	0	0	%100
112	M132	Z	-.814	-.814	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	-.766	-.766	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	-.766	-.766	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	M25	X	.433	.433	0	%100
2	M25	Z	-.751	-.751	0	%100
3	M26	X	1.214	1.214	0	%100
4	M26	Z	-2.103	-2.103	0	%100
5	M27	X	1.214	1.214	0	%100
6	M27	Z	-2.103	-2.103	0	%100
7	M28	X	1.656	1.656	0	%100
8	M28	Z	-2.869	-2.869	0	%100
9	M31	X	1.219	1.219	0	%100
10	M31	Z	-2.111	-2.111	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	.543	.543	0	%100
14	M36	Z	-.941	-.941	0	%100
15	M37	X	1.654	1.654	0	%100
16	M37	Z	-2.864	-2.864	0	%100
17	M39	X	1.726	1.726	0	%100
18	M39	Z	-2.989	-2.989	0	%100
19	M41	X	.543	.543	0	%100
20	M41	Z	-.941	-.941	0	%100
21	M42	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
22	M42	Z	0	0	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	1.288	1.288	0	%100
26	M73	Z	-2.231	-2.231	0	%100
27	MP1A	X	1.385	1.385	0	%100
28	MP1A	Z	-2.399	-2.399	0	%100
29	MP2A	X	1.533	1.533	0	%100
30	MP2A	Z	-2.655	-2.655	0	%100
31	MP3A	X	1.385	1.385	0	%100
32	MP3A	Z	-2.399	-2.399	0	%100
33	MP4A	X	1.385	1.385	0	%100
34	MP4A	Z	-2.399	-2.399	0	%100
35	OVP	X	1.269	1.269	0	%100
36	OVP	Z	-2.199	-2.199	0	%100
37	M36A	X	.433	.433	0	%100
38	M36A	Z	-.751	-.751	0	%100
39	M37A	X	1.214	1.214	0	%100
40	M37A	Z	-2.103	-2.103	0	%100
41	M38A	X	1.214	1.214	0	%100
42	M38A	Z	-2.103	-2.103	0	%100
43	M39A	X	1.656	1.656	0	%100
44	M39A	Z	-2.869	-2.869	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	1.219	1.219	0	%100
48	M43A	Z	-2.111	-2.111	0	%100
49	M47A	X	.543	.543	0	%100
50	M47A	Z	-.941	-.941	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	.543	.543	0	%100
56	M52	Z	-.941	-.941	0	%100
57	M53	X	1.654	1.654	0	%100
58	M53	Z	-2.864	-2.864	0	%100
59	M55	X	1.726	1.726	0	%100
60	M55	Z	-2.989	-2.989	0	%100
61	M62	X	1.734	1.734	0	%100
62	M62	Z	-3.003	-3.003	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	1.219	1.219	0	%100
70	M68	Z	-2.111	-2.111	0	%100
71	M69	X	1.219	1.219	0	%100
72	M69	Z	-2.111	-2.111	0	%100
73	M73A	X	2.172	2.172	0	%100
74	M73A	Z	-3.762	-3.762	0	%100
75	M74	X	1.654	1.654	0	%100
76	M74	Z	-2.864	-2.864	0	%100
77	M76A	X	1.726	1.726	0	%100
78	M76A	Z	-2.989	-2.989	0	%100
79	M78A	X	2.172	2.172	0	%100
80	M78A	Z	-3.762	-3.762	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,%]
81	M79	X	1.654	1.654	0	%100
82	M79	Z	-2.864	-2.864	0	%100
83	M81	X	1.726	1.726	0	%100
84	M81	Z	-2.989	-2.989	0	%100
85	MP1C	X	1.385	1.385	0	%100
86	MP1C	Z	-2.399	-2.399	0	%100
87	MP2C	X	1.533	1.533	0	%100
88	MP2C	Z	-2.655	-2.655	0	%100
89	MP3C	X	1.385	1.385	0	%100
90	MP3C	Z	-2.399	-2.399	0	%100
91	MP4C	X	1.385	1.385	0	%100
92	MP4C	Z	-2.399	-2.399	0	%100
93	MP1B	X	1.385	1.385	0	%100
94	MP1B	Z	-2.399	-2.399	0	%100
95	MP2B	X	1.533	1.533	0	%100
96	MP2B	Z	-2.655	-2.655	0	%100
97	MP3B	X	1.385	1.385	0	%100
98	MP3B	Z	-2.399	-2.399	0	%100
99	MP4B	X	1.385	1.385	0	%100
100	MP4B	Z	-2.399	-2.399	0	%100
101	M100A	X	1.288	1.288	0	%100
102	M100A	Z	-2.231	-2.231	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	1.15	1.15	0	%100
106	M108	Z	-1.991	-1.991	0	%100
107	M114	X	7.1e-5	7.1e-5	0	%100
108	M114	Z	-.000123	-.000123	0	%100
109	M123	X	1.258	1.258	0	%100
110	M123	Z	-2.179	-2.179	0	%100
111	M132	X	1.239	1.239	0	%100
112	M132	Z	-2.146	-2.146	0	%100
113	M130A	X	1.15	1.15	0	%100
114	M130A	Z	-1.991	-1.991	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M25	X	2.252	2.252	0	%100
2	M25	Z	-1.3	-1.3	0	%100
3	M26	X	.701	.701	0	%100
4	M26	Z	-.405	-.405	0	%100
5	M27	X	.701	.701	0	%100
6	M27	Z	-.405	-.405	0	%100
7	M28	X	.956	.956	0	%100
8	M28	Z	-.552	-.552	0	%100
9	M31	X	2.815	2.815	0	%100
10	M31	Z	-1.625	-1.625	0	%100
11	M32	X	.704	.704	0	%100
12	M32	Z	-.406	-.406	0	%100
13	M36	X	2.822	2.822	0	%100
14	M36	Z	-1.629	-1.629	0	%100
15	M37	X	3.819	3.819	0	%100
16	M37	Z	-2.205	-2.205	0	%100
17	M39	X	3.986	3.986	0	%100
18	M39	Z	-2.301	-2.301	0	%100
19	M41	X	2.822	2.822	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,%]
20	M41	Z	-1.629	-1.629	0	%100
21	M42	X	.955	.955	0	%100
22	M42	Z	-.551	-.551	0	%100
23	M44	X	.996	.996	0	%100
24	M44	Z	-.575	-.575	0	%100
25	M73	X	.744	.744	0	%100
26	M73	Z	-.429	-.429	0	%100
27	MP1A	X	2.399	2.399	0	%100
28	MP1A	Z	-1.385	-1.385	0	%100
29	MP2A	X	2.655	2.655	0	%100
30	MP2A	Z	-1.533	-1.533	0	%100
31	MP3A	X	2.399	2.399	0	%100
32	MP3A	Z	-1.385	-1.385	0	%100
33	MP4A	X	2.399	2.399	0	%100
34	MP4A	Z	-1.385	-1.385	0	%100
35	OVP	X	2.199	2.199	0	%100
36	OVP	Z	-1.269	-1.269	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	2.804	2.804	0	%100
40	M37A	Z	-1.619	-1.619	0	%100
41	M38A	X	2.804	2.804	0	%100
42	M38A	Z	-1.619	-1.619	0	%100
43	M39A	X	3.825	3.825	0	%100
44	M39A	Z	-2.208	-2.208	0	%100
45	M42A	X	.704	.704	0	%100
46	M42A	Z	-.406	-.406	0	%100
47	M43A	X	.704	.704	0	%100
48	M43A	Z	-.406	-.406	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	.955	.955	0	%100
52	M48A	Z	-.551	-.551	0	%100
53	M50	X	.996	.996	0	%100
54	M50	Z	-.575	-.575	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	.955	.955	0	%100
58	M53	Z	-.551	-.551	0	%100
59	M55	X	.996	.996	0	%100
60	M55	Z	-.575	-.575	0	%100
61	M62	X	2.252	2.252	0	%100
62	M62	Z	-1.3	-1.3	0	%100
63	M63	X	.701	.701	0	%100
64	M63	Z	-.405	-.405	0	%100
65	M64	X	.701	.701	0	%100
66	M64	Z	-.405	-.405	0	%100
67	M65	X	.956	.956	0	%100
68	M65	Z	-.552	-.552	0	%100
69	M68	X	.704	.704	0	%100
70	M68	Z	-.406	-.406	0	%100
71	M69	X	2.815	2.815	0	%100
72	M69	Z	-1.625	-1.625	0	%100
73	M73A	X	2.822	2.822	0	%100
74	M73A	Z	-1.629	-1.629	0	%100
75	M74	X	.955	.955	0	%100
76	M74	Z	-.551	-.551	0	%100
77	M76A	X	.996	.996	0	%100
78	M76A	Z	-.575	-.575	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,%]
79	M78A	X	2.822	2.822	0	%100
80	M78A	Z	-1.629	-1.629	0	%100
81	M79	X	3.819	3.819	0	%100
82	M79	Z	-2.205	-2.205	0	%100
83	M81	X	3.986	3.986	0	%100
84	M81	Z	-2.301	-2.301	0	%100
85	MP1C	X	2.399	2.399	0	%100
86	MP1C	Z	-1.385	-1.385	0	%100
87	MP2C	X	2.655	2.655	0	%100
88	MP2C	Z	-1.533	-1.533	0	%100
89	MP3C	X	2.399	2.399	0	%100
90	MP3C	Z	-1.385	-1.385	0	%100
91	MP4C	X	2.399	2.399	0	%100
92	MP4C	Z	-1.385	-1.385	0	%100
93	MP1B	X	2.399	2.399	0	%100
94	MP1B	Z	-1.385	-1.385	0	%100
95	MP2B	X	2.655	2.655	0	%100
96	MP2B	Z	-1.533	-1.533	0	%100
97	MP3B	X	2.399	2.399	0	%100
98	MP3B	Z	-1.385	-1.385	0	%100
99	MP4B	X	2.399	2.399	0	%100
100	MP4B	Z	-1.385	-1.385	0	%100
101	M100A	X	2.975	2.975	0	%100
102	M100A	Z	-1.718	-1.718	0	%100
103	M101A	X	.744	.744	0	%100
104	M101A	Z	-.429	-.429	0	%100
105	M108	X	.664	.664	0	%100
106	M108	Z	-.383	-.383	0	%100
107	M114	X	.705	.705	0	%100
108	M114	Z	-.407	-.407	0	%100
109	M123	X	.737	.737	0	%100
110	M123	Z	-.426	-.426	0	%100
111	M132	X	2.883	2.883	0	%100
112	M132	Z	-1.665	-1.665	0	%100
113	M130A	X	2.655	2.655	0	%100
114	M130A	Z	-1.533	-1.533	0	%100
115	M131A	X	.664	.664	0	%100
116	M131A	Z	-.383	-.383	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	M25	X	3.468	3.468	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	0	0	0	%100
9	M31	X	2.438	2.438	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	2.438	2.438	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	4.344	4.344	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	3.308	3.308	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	3.452	3.452	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,%]
18	M39	Z	0	0	0	%100
19	M41	X	4.344	4.344	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	3.308	3.308	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	3.452	3.452	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	0	0	0	%100
27	MP1A	X	2.77	2.77	0	%100
28	MP1A	Z	0	0	0	%100
29	MP2A	X	3.066	3.066	0	%100
30	MP2A	Z	0	0	0	%100
31	MP3A	X	2.77	2.77	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	2.77	2.77	0	%100
34	MP4A	Z	0	0	0	%100
35	OVP	X	2.539	2.539	0	%100
36	OVP	Z	0	0	0	%100
37	M36A	X	.867	.867	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	2.429	2.429	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	2.429	2.429	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	3.312	3.312	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	2.438	2.438	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M47A	X	1.086	1.086	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	3.308	3.308	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	3.452	3.452	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	1.086	1.086	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M62	X	.867	.867	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	2.429	2.429	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	2.429	2.429	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	3.312	3.312	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	0	0	0	%100
71	M69	X	2.438	2.438	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	1.086	1.086	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	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,%]
77	M76A	X	0	0	0	%100
78	M76A	Z	0	0	0	%100
79	M78A	X	1.086	1.086	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	3.308	3.308	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	3.452	3.452	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	2.77	2.77	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	3.066	3.066	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	2.77	2.77	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	2.77	2.77	0	%100
92	MP4C	Z	0	0	0	%100
93	MP1B	X	2.77	2.77	0	%100
94	MP1B	Z	0	0	0	%100
95	MP2B	X	3.066	3.066	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	2.77	2.77	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	2.77	2.77	0	%100
100	MP4B	Z	0	0	0	%100
101	M100A	X	2.576	2.576	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	2.576	2.576	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	M114	X	2.478	2.478	0	%100
108	M114	Z	0	0	0	%100
109	M123	X	.000142	.000142	0	%100
110	M123	Z	0	0	0	%100
111	M132	X	2.516	2.516	0	%100
112	M132	Z	0	0	0	%100
113	M130A	X	2.299	2.299	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	2.299	2.299	0	%100
116	M131A	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	M25	X	2.252	2.252	0	%100
2	M25	Z	1.3	1.3	0	%100
3	M26	X	.701	.701	0	%100
4	M26	Z	.405	.405	0	%100
5	M27	X	.701	.701	0	%100
6	M27	Z	.405	.405	0	%100
7	M28	X	.956	.956	0	%100
8	M28	Z	.552	.552	0	%100
9	M31	X	.704	.704	0	%100
10	M31	Z	.406	.406	0	%100
11	M32	X	2.815	2.815	0	%100
12	M32	Z	1.625	1.625	0	%100
13	M36	X	2.822	2.822	0	%100
14	M36	Z	1.629	1.629	0	%100
15	M37	X	.955	.955	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,%]
16	M37	Z	.551	.551	0	%100
17	M39	X	.996	.996	0	%100
18	M39	Z	.575	.575	0	%100
19	M41	X	2.822	2.822	0	%100
20	M41	Z	1.629	1.629	0	%100
21	M42	X	3.819	3.819	0	%100
22	M42	Z	2.205	2.205	0	%100
23	M44	X	3.986	3.986	0	%100
24	M44	Z	2.301	2.301	0	%100
25	M73	X	.744	.744	0	%100
26	M73	Z	.429	.429	0	%100
27	MP1A	X	2.399	2.399	0	%100
28	MP1A	Z	1.385	1.385	0	%100
29	MP2A	X	2.655	2.655	0	%100
30	MP2A	Z	1.533	1.533	0	%100
31	MP3A	X	2.399	2.399	0	%100
32	MP3A	Z	1.385	1.385	0	%100
33	MP4A	X	2.399	2.399	0	%100
34	MP4A	Z	1.385	1.385	0	%100
35	OVP	X	2.199	2.199	0	%100
36	OVP	Z	1.269	1.269	0	%100
37	M36A	X	2.252	2.252	0	%100
38	M36A	Z	1.3	1.3	0	%100
39	M37A	X	.701	.701	0	%100
40	M37A	Z	.405	.405	0	%100
41	M38A	X	.701	.701	0	%100
42	M38A	Z	.405	.405	0	%100
43	M39A	X	.956	.956	0	%100
44	M39A	Z	.552	.552	0	%100
45	M42A	X	2.815	2.815	0	%100
46	M42A	Z	1.625	1.625	0	%100
47	M43A	X	.704	.704	0	%100
48	M43A	Z	.406	.406	0	%100
49	M47A	X	2.822	2.822	0	%100
50	M47A	Z	1.629	1.629	0	%100
51	M48A	X	3.819	3.819	0	%100
52	M48A	Z	2.205	2.205	0	%100
53	M50	X	3.986	3.986	0	%100
54	M50	Z	2.301	2.301	0	%100
55	M52	X	2.822	2.822	0	%100
56	M52	Z	1.629	1.629	0	%100
57	M53	X	.955	.955	0	%100
58	M53	Z	.551	.551	0	%100
59	M55	X	.996	.996	0	%100
60	M55	Z	.575	.575	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	2.804	2.804	0	%100
64	M63	Z	1.619	1.619	0	%100
65	M64	X	2.804	2.804	0	%100
66	M64	Z	1.619	1.619	0	%100
67	M65	X	3.825	3.825	0	%100
68	M65	Z	2.208	2.208	0	%100
69	M68	X	.704	.704	0	%100
70	M68	Z	.406	.406	0	%100
71	M69	X	.704	.704	0	%100
72	M69	Z	.406	.406	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
75	M74	X	.955	.955	0	%100
76	M74	Z	.551	.551	0	%100
77	M76A	X	.996	.996	0	%100
78	M76A	Z	.575	.575	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	.955	.955	0	%100
82	M79	Z	.551	.551	0	%100
83	M81	X	.996	.996	0	%100
84	M81	Z	.575	.575	0	%100
85	MP1C	X	2.399	2.399	0	%100
86	MP1C	Z	1.385	1.385	0	%100
87	MP2C	X	2.655	2.655	0	%100
88	MP2C	Z	1.533	1.533	0	%100
89	MP3C	X	2.399	2.399	0	%100
90	MP3C	Z	1.385	1.385	0	%100
91	MP4C	X	2.399	2.399	0	%100
92	MP4C	Z	1.385	1.385	0	%100
93	MP1B	X	2.399	2.399	0	%100
94	MP1B	Z	1.385	1.385	0	%100
95	MP2B	X	2.655	2.655	0	%100
96	MP2B	Z	1.533	1.533	0	%100
97	MP3B	X	2.399	2.399	0	%100
98	MP3B	Z	1.385	1.385	0	%100
99	MP4B	X	2.399	2.399	0	%100
100	MP4B	Z	1.385	1.385	0	%100
101	M100A	X	.744	.744	0	%100
102	M100A	Z	.429	.429	0	%100
103	M101A	X	2.975	2.975	0	%100
104	M101A	Z	1.718	1.718	0	%100
105	M108	X	.664	.664	0	%100
106	M108	Z	.383	.383	0	%100
107	M114	X	2.883	2.883	0	%100
108	M114	Z	1.665	1.665	0	%100
109	M123	X	.705	.705	0	%100
110	M123	Z	.407	.407	0	%100
111	M132	X	.737	.737	0	%100
112	M132	Z	.426	.426	0	%100
113	M130A	X	.664	.664	0	%100
114	M130A	Z	.383	.383	0	%100
115	M131A	X	2.655	2.655	0	%100
116	M131A	Z	1.533	1.533	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	M25	X	.433	.433	0	%100
2	M25	Z	.751	.751	0	%100
3	M26	X	1.214	1.214	0	%100
4	M26	Z	2.103	2.103	0	%100
5	M27	X	1.214	1.214	0	%100
6	M27	Z	2.103	2.103	0	%100
7	M28	X	1.656	1.656	0	%100
8	M28	Z	2.869	2.869	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	1.219	1.219	0	%100
12	M32	Z	2.111	2.111	0	%100
13	M36	X	.543	.543	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,%]
14	M36	Z	.941	.941	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	.543	.543	0	%100
20	M41	Z	.941	.941	0	%100
21	M42	X	1.654	1.654	0	%100
22	M42	Z	2.864	2.864	0	%100
23	M44	X	1.726	1.726	0	%100
24	M44	Z	2.989	2.989	0	%100
25	M73	X	1.288	1.288	0	%100
26	M73	Z	2.231	2.231	0	%100
27	MP1A	X	1.385	1.385	0	%100
28	MP1A	Z	2.399	2.399	0	%100
29	MP2A	X	1.533	1.533	0	%100
30	MP2A	Z	2.655	2.655	0	%100
31	MP3A	X	1.385	1.385	0	%100
32	MP3A	Z	2.399	2.399	0	%100
33	MP4A	X	1.385	1.385	0	%100
34	MP4A	Z	2.399	2.399	0	%100
35	OVP	X	1.269	1.269	0	%100
36	OVP	Z	2.199	2.199	0	%100
37	M36A	X	1.734	1.734	0	%100
38	M36A	Z	3.003	3.003	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	1.219	1.219	0	%100
46	M42A	Z	2.111	2.111	0	%100
47	M43A	X	1.219	1.219	0	%100
48	M43A	Z	2.111	2.111	0	%100
49	M47A	X	2.172	2.172	0	%100
50	M47A	Z	3.762	3.762	0	%100
51	M48A	X	1.654	1.654	0	%100
52	M48A	Z	2.864	2.864	0	%100
53	M50	X	1.726	1.726	0	%100
54	M50	Z	2.989	2.989	0	%100
55	M52	X	2.172	2.172	0	%100
56	M52	Z	3.762	3.762	0	%100
57	M53	X	1.654	1.654	0	%100
58	M53	Z	2.864	2.864	0	%100
59	M55	X	1.726	1.726	0	%100
60	M55	Z	2.989	2.989	0	%100
61	M62	X	.433	.433	0	%100
62	M62	Z	.751	.751	0	%100
63	M63	X	1.214	1.214	0	%100
64	M63	Z	2.103	2.103	0	%100
65	M64	X	1.214	1.214	0	%100
66	M64	Z	2.103	2.103	0	%100
67	M65	X	1.656	1.656	0	%100
68	M65	Z	2.869	2.869	0	%100
69	M68	X	1.219	1.219	0	%100
70	M68	Z	2.111	2.111	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
73	M73A	X	.543	.543	0	%100
74	M73A	Z	.941	.941	0	%100
75	M74	X	1.654	1.654	0	%100
76	M74	Z	2.864	2.864	0	%100
77	M76A	X	1.726	1.726	0	%100
78	M76A	Z	2.989	2.989	0	%100
79	M78A	X	.543	.543	0	%100
80	M78A	Z	.941	.941	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	1.385	1.385	0	%100
86	MP1C	Z	2.399	2.399	0	%100
87	MP2C	X	1.533	1.533	0	%100
88	MP2C	Z	2.655	2.655	0	%100
89	MP3C	X	1.385	1.385	0	%100
90	MP3C	Z	2.399	2.399	0	%100
91	MP4C	X	1.385	1.385	0	%100
92	MP4C	Z	2.399	2.399	0	%100
93	MP1B	X	1.385	1.385	0	%100
94	MP1B	Z	2.399	2.399	0	%100
95	MP2B	X	1.533	1.533	0	%100
96	MP2B	Z	2.655	2.655	0	%100
97	MP3B	X	1.385	1.385	0	%100
98	MP3B	Z	2.399	2.399	0	%100
99	MP4B	X	1.385	1.385	0	%100
100	MP4B	Z	2.399	2.399	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	1.288	1.288	0	%100
104	M101A	Z	2.231	2.231	0	%100
105	M108	X	1.15	1.15	0	%100
106	M108	Z	1.991	1.991	0	%100
107	M114	X	1.258	1.258	0	%100
108	M114	Z	2.179	2.179	0	%100
109	M123	X	1.239	1.239	0	%100
110	M123	Z	2.146	2.146	0	%100
111	M132	X	7.1e-5	7.1e-5	0	%100
112	M132	Z	.000123	.000123	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	1.15	1.15	0	%100
116	M131A	Z	1.991	1.991	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	M25	X	0	0	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	3.238	3.238	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	3.238	3.238	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	4.417	4.417	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	.813	.813	0	%100
11	M32	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,%]
12	M32	Z	.813	.813	0	%100
13	M36	X	0	0	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	1.103	1.103	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	1.151	1.151	0	%100
19	M41	X	0	0	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	1.103	1.103	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	1.151	1.151	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	3.435	3.435	0	%100
27	MP1A	X	0	0	0	%100
28	MP1A	Z	2.77	2.77	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	3.066	3.066	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	2.77	2.77	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	2.77	2.77	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	2.539	2.539	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	2.601	2.601	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	.81	.81	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	.81	.81	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	1.104	1.104	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	.813	.813	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	3.25	3.25	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	3.258	3.258	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	1.103	1.103	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	1.151	1.151	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	3.258	3.258	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	4.41	4.41	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	4.603	4.603	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	2.601	2.601	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	.81	.81	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	.81	.81	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	1.104	1.104	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	3.25	3.25	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,%]
71	M69	X	0	0	0	%100
72	M69	Z	.813	.813	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	3.258	3.258	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	4.41	4.41	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	4.603	4.603	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	3.258	3.258	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	1.103	1.103	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	1.151	1.151	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	2.77	2.77	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	3.066	3.066	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	2.77	2.77	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	2.77	2.77	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	2.77	2.77	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	3.066	3.066	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	2.77	2.77	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	2.77	2.77	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	.859	.859	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	.859	.859	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	3.066	3.066	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	.851	.851	0	%100
109	M123	X	0	0	0	%100
110	M123	Z	3.329	3.329	0	%100
111	M132	X	0	0	0	%100
112	M132	Z	.814	.814	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	.766	.766	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	.766	.766	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	M25	X	-.433	-.433	0	%100
2	M25	Z	.751	.751	0	%100
3	M26	X	-1.214	-1.214	0	%100
4	M26	Z	2.103	2.103	0	%100
5	M27	X	-1.214	-1.214	0	%100
6	M27	Z	2.103	2.103	0	%100
7	M28	X	-1.656	-1.656	0	%100
8	M28	Z	2.869	2.869	0	%100
9	M31	X	-1.219	-1.219	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	M31	Z	2.111	2.111	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	-.543	-.543	0	%100
14	M36	Z	.941	.941	0	%100
15	M37	X	-1.654	-1.654	0	%100
16	M37	Z	2.864	2.864	0	%100
17	M39	X	-1.726	-1.726	0	%100
18	M39	Z	2.989	2.989	0	%100
19	M41	X	-.543	-.543	0	%100
20	M41	Z	.941	.941	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	-1.288	-1.288	0	%100
26	M73	Z	2.231	2.231	0	%100
27	MP1A	X	-1.385	-1.385	0	%100
28	MP1A	Z	2.399	2.399	0	%100
29	MP2A	X	-1.533	-1.533	0	%100
30	MP2A	Z	2.655	2.655	0	%100
31	MP3A	X	-1.385	-1.385	0	%100
32	MP3A	Z	2.399	2.399	0	%100
33	MP4A	X	-1.385	-1.385	0	%100
34	MP4A	Z	2.399	2.399	0	%100
35	OVP	X	-1.269	-1.269	0	%100
36	OVP	Z	2.199	2.199	0	%100
37	M36A	X	-.433	-.433	0	%100
38	M36A	Z	.751	.751	0	%100
39	M37A	X	-1.214	-1.214	0	%100
40	M37A	Z	2.103	2.103	0	%100
41	M38A	X	-1.214	-1.214	0	%100
42	M38A	Z	2.103	2.103	0	%100
43	M39A	X	-1.656	-1.656	0	%100
44	M39A	Z	2.869	2.869	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	-1.219	-1.219	0	%100
48	M43A	Z	2.111	2.111	0	%100
49	M47A	X	-.543	-.543	0	%100
50	M47A	Z	.941	.941	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	-.543	-.543	0	%100
56	M52	Z	.941	.941	0	%100
57	M53	X	-1.654	-1.654	0	%100
58	M53	Z	2.864	2.864	0	%100
59	M55	X	-1.726	-1.726	0	%100
60	M55	Z	2.989	2.989	0	%100
61	M62	X	-1.734	-1.734	0	%100
62	M62	Z	3.003	3.003	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
69	M68	X	-1.219	-1.219	0	%100
70	M68	Z	2.111	2.111	0	%100
71	M69	X	-1.219	-1.219	0	%100
72	M69	Z	2.111	2.111	0	%100
73	M73A	X	-2.172	-2.172	0	%100
74	M73A	Z	3.762	3.762	0	%100
75	M74	X	-1.654	-1.654	0	%100
76	M74	Z	2.864	2.864	0	%100
77	M76A	X	-1.726	-1.726	0	%100
78	M76A	Z	2.989	2.989	0	%100
79	M78A	X	-2.172	-2.172	0	%100
80	M78A	Z	3.762	3.762	0	%100
81	M79	X	-1.654	-1.654	0	%100
82	M79	Z	2.864	2.864	0	%100
83	M81	X	-1.726	-1.726	0	%100
84	M81	Z	2.989	2.989	0	%100
85	MP1C	X	-1.385	-1.385	0	%100
86	MP1C	Z	2.399	2.399	0	%100
87	MP2C	X	-1.533	-1.533	0	%100
88	MP2C	Z	2.655	2.655	0	%100
89	MP3C	X	-1.385	-1.385	0	%100
90	MP3C	Z	2.399	2.399	0	%100
91	MP4C	X	-1.385	-1.385	0	%100
92	MP4C	Z	2.399	2.399	0	%100
93	MP1B	X	-1.385	-1.385	0	%100
94	MP1B	Z	2.399	2.399	0	%100
95	MP2B	X	-1.533	-1.533	0	%100
96	MP2B	Z	2.655	2.655	0	%100
97	MP3B	X	-1.385	-1.385	0	%100
98	MP3B	Z	2.399	2.399	0	%100
99	MP4B	X	-1.385	-1.385	0	%100
100	MP4B	Z	2.399	2.399	0	%100
101	M100A	X	-1.288	-1.288	0	%100
102	M100A	Z	2.231	2.231	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	-1.15	-1.15	0	%100
106	M108	Z	1.991	1.991	0	%100
107	M114	X	-7.1e-5	-7.1e-5	0	%100
108	M114	Z	.000123	.000123	0	%100
109	M123	X	-1.258	-1.258	0	%100
110	M123	Z	2.179	2.179	0	%100
111	M132	X	-1.239	-1.239	0	%100
112	M132	Z	2.146	2.146	0	%100
113	M130A	X	-1.15	-1.15	0	%100
114	M130A	Z	1.991	1.991	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M25	X	-2.252	-2.252	0	%100
2	M25	Z	1.3	1.3	0	%100
3	M26	X	-.701	-.701	0	%100
4	M26	Z	.405	.405	0	%100
5	M27	X	-.701	-.701	0	%100
6	M27	Z	.405	.405	0	%100
7	M28	X	-.956	-.956	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,%]
8	M28	Z	.552	.552	0	%100
9	M31	X	-2.815	-2.815	0	%100
10	M31	Z	1.625	1.625	0	%100
11	M32	X	-.704	-.704	0	%100
12	M32	Z	.406	.406	0	%100
13	M36	X	-2.822	-2.822	0	%100
14	M36	Z	1.629	1.629	0	%100
15	M37	X	-3.819	-3.819	0	%100
16	M37	Z	2.205	2.205	0	%100
17	M39	X	-3.986	-3.986	0	%100
18	M39	Z	2.301	2.301	0	%100
19	M41	X	-2.822	-2.822	0	%100
20	M41	Z	1.629	1.629	0	%100
21	M42	X	-.955	-.955	0	%100
22	M42	Z	.551	.551	0	%100
23	M44	X	-.996	-.996	0	%100
24	M44	Z	.575	.575	0	%100
25	M73	X	-.744	-.744	0	%100
26	M73	Z	.429	.429	0	%100
27	MP1A	X	-2.399	-2.399	0	%100
28	MP1A	Z	1.385	1.385	0	%100
29	MP2A	X	-2.655	-2.655	0	%100
30	MP2A	Z	1.533	1.533	0	%100
31	MP3A	X	-2.399	-2.399	0	%100
32	MP3A	Z	1.385	1.385	0	%100
33	MP4A	X	-2.399	-2.399	0	%100
34	MP4A	Z	1.385	1.385	0	%100
35	OVP	X	-2.199	-2.199	0	%100
36	OVP	Z	1.269	1.269	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	-2.804	-2.804	0	%100
40	M37A	Z	1.619	1.619	0	%100
41	M38A	X	-2.804	-2.804	0	%100
42	M38A	Z	1.619	1.619	0	%100
43	M39A	X	-3.825	-3.825	0	%100
44	M39A	Z	2.208	2.208	0	%100
45	M42A	X	-.704	-.704	0	%100
46	M42A	Z	.406	.406	0	%100
47	M43A	X	-.704	-.704	0	%100
48	M43A	Z	.406	.406	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	-.955	-.955	0	%100
52	M48A	Z	.551	.551	0	%100
53	M50	X	-.996	-.996	0	%100
54	M50	Z	.575	.575	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	-.955	-.955	0	%100
58	M53	Z	.551	.551	0	%100
59	M55	X	-.996	-.996	0	%100
60	M55	Z	.575	.575	0	%100
61	M62	X	-2.252	-2.252	0	%100
62	M62	Z	1.3	1.3	0	%100
63	M63	X	-.701	-.701	0	%100
64	M63	Z	.405	.405	0	%100
65	M64	X	-.701	-.701	0	%100
66	M64	Z	.405	.405	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,%]
67	M65	X	-.956	-.956	0	%100
68	M65	Z	.552	.552	0	%100
69	M68	X	-.704	-.704	0	%100
70	M68	Z	.406	.406	0	%100
71	M69	X	-2.815	-2.815	0	%100
72	M69	Z	1.625	1.625	0	%100
73	M73A	X	-2.822	-2.822	0	%100
74	M73A	Z	1.629	1.629	0	%100
75	M74	X	-.955	-.955	0	%100
76	M74	Z	.551	.551	0	%100
77	M76A	X	-.996	-.996	0	%100
78	M76A	Z	.575	.575	0	%100
79	M78A	X	-2.822	-2.822	0	%100
80	M78A	Z	1.629	1.629	0	%100
81	M79	X	-3.819	-3.819	0	%100
82	M79	Z	2.205	2.205	0	%100
83	M81	X	-3.986	-3.986	0	%100
84	M81	Z	2.301	2.301	0	%100
85	MP1C	X	-2.399	-2.399	0	%100
86	MP1C	Z	1.385	1.385	0	%100
87	MP2C	X	-2.655	-2.655	0	%100
88	MP2C	Z	1.533	1.533	0	%100
89	MP3C	X	-2.399	-2.399	0	%100
90	MP3C	Z	1.385	1.385	0	%100
91	MP4C	X	-2.399	-2.399	0	%100
92	MP4C	Z	1.385	1.385	0	%100
93	MP1B	X	-2.399	-2.399	0	%100
94	MP1B	Z	1.385	1.385	0	%100
95	MP2B	X	-2.655	-2.655	0	%100
96	MP2B	Z	1.533	1.533	0	%100
97	MP3B	X	-2.399	-2.399	0	%100
98	MP3B	Z	1.385	1.385	0	%100
99	MP4B	X	-2.399	-2.399	0	%100
100	MP4B	Z	1.385	1.385	0	%100
101	M100A	X	-2.975	-2.975	0	%100
102	M100A	Z	1.718	1.718	0	%100
103	M101A	X	-.744	-.744	0	%100
104	M101A	Z	.429	.429	0	%100
105	M108	X	-.664	-.664	0	%100
106	M108	Z	.383	.383	0	%100
107	M114	X	-.705	-.705	0	%100
108	M114	Z	.407	.407	0	%100
109	M123	X	-.737	-.737	0	%100
110	M123	Z	.426	.426	0	%100
111	M132	X	-2.883	-2.883	0	%100
112	M132	Z	1.665	1.665	0	%100
113	M130A	X	-2.655	-2.655	0	%100
114	M130A	Z	1.533	1.533	0	%100
115	M131A	X	-.664	-.664	0	%100
116	M131A	Z	.383	.383	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	M25	X	-3.468	-3.468	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M27	X	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,%]
6	M27	Z	0	0	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	0	0	0	%100
9	M31	X	-2.438	-2.438	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	-2.438	-2.438	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	-4.344	-4.344	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	-3.308	-3.308	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	-3.452	-3.452	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	-4.344	-4.344	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	-3.308	-3.308	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	-3.452	-3.452	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	0	0	0	%100
27	MP1A	X	-2.77	-2.77	0	%100
28	MP1A	Z	0	0	0	%100
29	MP2A	X	-3.066	-3.066	0	%100
30	MP2A	Z	0	0	0	%100
31	MP3A	X	-2.77	-2.77	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-2.77	-2.77	0	%100
34	MP4A	Z	0	0	0	%100
35	OVP	X	-2.539	-2.539	0	%100
36	OVP	Z	0	0	0	%100
37	M36A	X	-.867	-.867	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	-2.429	-2.429	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	-2.429	-2.429	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	-3.312	-3.312	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	-2.438	-2.438	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M47A	X	-1.086	-1.086	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	-3.308	-3.308	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	-3.452	-3.452	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	-1.086	-1.086	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M62	X	-.867	-.867	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-2.429	-2.429	0	%100
64	M63	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,%]
65	M64	X	-2.429	-2.429	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	-3.312	-3.312	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	0	0	0	%100
71	M69	X	-2.438	-2.438	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	-1.086	-1.086	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	0	0	0	%100
79	M78A	X	-1.086	-1.086	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	-3.308	-3.308	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	-3.452	-3.452	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	-2.77	-2.77	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	-3.066	-3.066	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	-2.77	-2.77	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-2.77	-2.77	0	%100
92	MP4C	Z	0	0	0	%100
93	MP1B	X	-2.77	-2.77	0	%100
94	MP1B	Z	0	0	0	%100
95	MP2B	X	-3.066	-3.066	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	-2.77	-2.77	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-2.77	-2.77	0	%100
100	MP4B	Z	0	0	0	%100
101	M100A	X	-2.576	-2.576	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	-2.576	-2.576	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	M114	X	-2.478	-2.478	0	%100
108	M114	Z	0	0	0	%100
109	M123	X	-.000142	-.000142	0	%100
110	M123	Z	0	0	0	%100
111	M132	X	-2.516	-2.516	0	%100
112	M132	Z	0	0	0	%100
113	M130A	X	-2.299	-2.299	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	-2.299	-2.299	0	%100
116	M131A	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	M25	X	-2.252	-2.252	0	%100
2	M25	Z	-1.3	-1.3	0	%100
3	M26	X	-.701	-.701	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,%]
4	M26	Z	-.405	-.405	0	%100
5	M27	X	-.701	-.701	0	%100
6	M27	Z	-.405	-.405	0	%100
7	M28	X	-.956	-.956	0	%100
8	M28	Z	-.552	-.552	0	%100
9	M31	X	-.704	-.704	0	%100
10	M31	Z	-.406	-.406	0	%100
11	M32	X	-2.815	-2.815	0	%100
12	M32	Z	-1.625	-1.625	0	%100
13	M36	X	-2.822	-2.822	0	%100
14	M36	Z	-1.629	-1.629	0	%100
15	M37	X	-.955	-.955	0	%100
16	M37	Z	-.551	-.551	0	%100
17	M39	X	-.996	-.996	0	%100
18	M39	Z	-.575	-.575	0	%100
19	M41	X	-2.822	-2.822	0	%100
20	M41	Z	-1.629	-1.629	0	%100
21	M42	X	-3.819	-3.819	0	%100
22	M42	Z	-2.205	-2.205	0	%100
23	M44	X	-3.986	-3.986	0	%100
24	M44	Z	-2.301	-2.301	0	%100
25	M73	X	-.744	-.744	0	%100
26	M73	Z	-.429	-.429	0	%100
27	MP1A	X	-2.399	-2.399	0	%100
28	MP1A	Z	-1.385	-1.385	0	%100
29	MP2A	X	-2.655	-2.655	0	%100
30	MP2A	Z	-1.533	-1.533	0	%100
31	MP3A	X	-2.399	-2.399	0	%100
32	MP3A	Z	-1.385	-1.385	0	%100
33	MP4A	X	-2.399	-2.399	0	%100
34	MP4A	Z	-1.385	-1.385	0	%100
35	OVP	X	-2.199	-2.199	0	%100
36	OVP	Z	-1.269	-1.269	0	%100
37	M36A	X	-2.252	-2.252	0	%100
38	M36A	Z	-1.3	-1.3	0	%100
39	M37A	X	-.701	-.701	0	%100
40	M37A	Z	-.405	-.405	0	%100
41	M38A	X	-.701	-.701	0	%100
42	M38A	Z	-.405	-.405	0	%100
43	M39A	X	-.956	-.956	0	%100
44	M39A	Z	-.552	-.552	0	%100
45	M42A	X	-2.815	-2.815	0	%100
46	M42A	Z	-1.625	-1.625	0	%100
47	M43A	X	-.704	-.704	0	%100
48	M43A	Z	-.406	-.406	0	%100
49	M47A	X	-2.822	-2.822	0	%100
50	M47A	Z	-1.629	-1.629	0	%100
51	M48A	X	-3.819	-3.819	0	%100
52	M48A	Z	-2.205	-2.205	0	%100
53	M50	X	-3.986	-3.986	0	%100
54	M50	Z	-2.301	-2.301	0	%100
55	M52	X	-2.822	-2.822	0	%100
56	M52	Z	-1.629	-1.629	0	%100
57	M53	X	-.955	-.955	0	%100
58	M53	Z	-.551	-.551	0	%100
59	M55	X	-.996	-.996	0	%100
60	M55	Z	-.575	-.575	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	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,%]
63	M63	X	-2.804	-2.804	0	%100
64	M63	Z	-1.619	-1.619	0	%100
65	M64	X	-2.804	-2.804	0	%100
66	M64	Z	-1.619	-1.619	0	%100
67	M65	X	-3.825	-3.825	0	%100
68	M65	Z	-2.208	-2.208	0	%100
69	M68	X	-.704	-.704	0	%100
70	M68	Z	-.406	-.406	0	%100
71	M69	X	-.704	-.704	0	%100
72	M69	Z	-.406	-.406	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	-.955	-.955	0	%100
76	M74	Z	-.551	-.551	0	%100
77	M76A	X	-.996	-.996	0	%100
78	M76A	Z	-.575	-.575	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	-.955	-.955	0	%100
82	M79	Z	-.551	-.551	0	%100
83	M81	X	-.996	-.996	0	%100
84	M81	Z	-.575	-.575	0	%100
85	MP1C	X	-2.399	-2.399	0	%100
86	MP1C	Z	-1.385	-1.385	0	%100
87	MP2C	X	-2.655	-2.655	0	%100
88	MP2C	Z	-1.533	-1.533	0	%100
89	MP3C	X	-2.399	-2.399	0	%100
90	MP3C	Z	-1.385	-1.385	0	%100
91	MP4C	X	-2.399	-2.399	0	%100
92	MP4C	Z	-1.385	-1.385	0	%100
93	MP1B	X	-2.399	-2.399	0	%100
94	MP1B	Z	-1.385	-1.385	0	%100
95	MP2B	X	-2.655	-2.655	0	%100
96	MP2B	Z	-1.533	-1.533	0	%100
97	MP3B	X	-2.399	-2.399	0	%100
98	MP3B	Z	-1.385	-1.385	0	%100
99	MP4B	X	-2.399	-2.399	0	%100
100	MP4B	Z	-1.385	-1.385	0	%100
101	M100A	X	-.744	-.744	0	%100
102	M100A	Z	-.429	-.429	0	%100
103	M101A	X	-2.975	-2.975	0	%100
104	M101A	Z	-1.718	-1.718	0	%100
105	M108	X	-.664	-.664	0	%100
106	M108	Z	-.383	-.383	0	%100
107	M114	X	-2.883	-2.883	0	%100
108	M114	Z	-1.665	-1.665	0	%100
109	M123	X	-.705	-.705	0	%100
110	M123	Z	-.407	-.407	0	%100
111	M132	X	-.737	-.737	0	%100
112	M132	Z	-.426	-.426	0	%100
113	M130A	X	-.664	-.664	0	%100
114	M130A	Z	-.383	-.383	0	%100
115	M131A	X	-2.655	-2.655	0	%100
116	M131A	Z	-1.533	-1.533	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	M25	X	-.433	-.433	0	%100

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,%]
2	M25	Z	-.751	-.751	0	%100
3	M26	X	-1.214	-1.214	0	%100
4	M26	Z	-2.103	-2.103	0	%100
5	M27	X	-1.214	-1.214	0	%100
6	M27	Z	-2.103	-2.103	0	%100
7	M28	X	-1.656	-1.656	0	%100
8	M28	Z	-2.869	-2.869	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	-1.219	-1.219	0	%100
12	M32	Z	-2.111	-2.111	0	%100
13	M36	X	-.543	-.543	0	%100
14	M36	Z	-.941	-.941	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	-.543	-.543	0	%100
20	M41	Z	-.941	-.941	0	%100
21	M42	X	-1.654	-1.654	0	%100
22	M42	Z	-2.864	-2.864	0	%100
23	M44	X	-1.726	-1.726	0	%100
24	M44	Z	-2.989	-2.989	0	%100
25	M73	X	-1.288	-1.288	0	%100
26	M73	Z	-2.231	-2.231	0	%100
27	MP1A	X	-1.385	-1.385	0	%100
28	MP1A	Z	-2.399	-2.399	0	%100
29	MP2A	X	-1.533	-1.533	0	%100
30	MP2A	Z	-2.655	-2.655	0	%100
31	MP3A	X	-1.385	-1.385	0	%100
32	MP3A	Z	-2.399	-2.399	0	%100
33	MP4A	X	-1.385	-1.385	0	%100
34	MP4A	Z	-2.399	-2.399	0	%100
35	OVP	X	-1.269	-1.269	0	%100
36	OVP	Z	-2.199	-2.199	0	%100
37	M36A	X	-1.734	-1.734	0	%100
38	M36A	Z	-3.003	-3.003	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	-1.219	-1.219	0	%100
46	M42A	Z	-2.111	-2.111	0	%100
47	M43A	X	-1.219	-1.219	0	%100
48	M43A	Z	-2.111	-2.111	0	%100
49	M47A	X	-2.172	-2.172	0	%100
50	M47A	Z	-3.762	-3.762	0	%100
51	M48A	X	-1.654	-1.654	0	%100
52	M48A	Z	-2.864	-2.864	0	%100
53	M50	X	-1.726	-1.726	0	%100
54	M50	Z	-2.989	-2.989	0	%100
55	M52	X	-2.172	-2.172	0	%100
56	M52	Z	-3.762	-3.762	0	%100
57	M53	X	-1.654	-1.654	0	%100
58	M53	Z	-2.864	-2.864	0	%100
59	M55	X	-1.726	-1.726	0	%100
60	M55	Z	-2.989	-2.989	0	%100

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,%]
61	M62	X	-.433	-.433	0	%100
62	M62	Z	-.751	-.751	0	%100
63	M63	X	-1.214	-1.214	0	%100
64	M63	Z	-2.103	-2.103	0	%100
65	M64	X	-1.214	-1.214	0	%100
66	M64	Z	-2.103	-2.103	0	%100
67	M65	X	-1.656	-1.656	0	%100
68	M65	Z	-2.869	-2.869	0	%100
69	M68	X	-1.219	-1.219	0	%100
70	M68	Z	-2.111	-2.111	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	-.543	-.543	0	%100
74	M73A	Z	-.941	-.941	0	%100
75	M74	X	-1.654	-1.654	0	%100
76	M74	Z	-2.864	-2.864	0	%100
77	M76A	X	-1.726	-1.726	0	%100
78	M76A	Z	-2.989	-2.989	0	%100
79	M78A	X	-.543	-.543	0	%100
80	M78A	Z	-.941	-.941	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	-1.385	-1.385	0	%100
86	MP1C	Z	-2.399	-2.399	0	%100
87	MP2C	X	-1.533	-1.533	0	%100
88	MP2C	Z	-2.655	-2.655	0	%100
89	MP3C	X	-1.385	-1.385	0	%100
90	MP3C	Z	-2.399	-2.399	0	%100
91	MP4C	X	-1.385	-1.385	0	%100
92	MP4C	Z	-2.399	-2.399	0	%100
93	MP1B	X	-1.385	-1.385	0	%100
94	MP1B	Z	-2.399	-2.399	0	%100
95	MP2B	X	-1.533	-1.533	0	%100
96	MP2B	Z	-2.655	-2.655	0	%100
97	MP3B	X	-1.385	-1.385	0	%100
98	MP3B	Z	-2.399	-2.399	0	%100
99	MP4B	X	-1.385	-1.385	0	%100
100	MP4B	Z	-2.399	-2.399	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	-1.288	-1.288	0	%100
104	M101A	Z	-2.231	-2.231	0	%100
105	M108	X	-1.15	-1.15	0	%100
106	M108	Z	-1.991	-1.991	0	%100
107	M114	X	-1.258	-1.258	0	%100
108	M114	Z	-2.179	-2.179	0	%100
109	M123	X	-1.239	-1.239	0	%100
110	M123	Z	-2.146	-2.146	0	%100
111	M132	X	-7.1e-5	-7.1e-5	0	%100
112	M132	Z	-.000123	-.000123	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	-1.15	-1.15	0	%100
116	M131A	Z	-1.991	-1.991	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,%]

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,%]
1	M25	X	0	0	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	-.789	-.789	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	-.789	-.789	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	-1.277	-1.277	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	-.177	-.177	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	-.177	-.177	0	%100
13	M36	X	0	0	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	-.325	-.325	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	-.343	-.343	0	%100
19	M41	X	0	0	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	-.325	-.325	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	-.343	-.343	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	-.745	-.745	0	%100
27	MP1A	X	0	0	0	%100
28	MP1A	Z	-.506	-.506	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	-.612	-.612	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	-.506	-.506	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	-.506	-.506	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-.461	-.461	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	-.568	-.568	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	-.197	-.197	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	-.197	-.197	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	-.319	-.319	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	-.177	-.177	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-.709	-.709	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	-.958	-.958	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	-.325	-.325	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-.343	-.343	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-.958	-.958	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.301	-1.301	0	%100
59	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
60	M55	Z	-1.37	-1.37	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-.568	-.568	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-.197	-.197	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	-.197	-.197	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-.319	-.319	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	-.709	-.709	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	-.177	-.177	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	-.958	-.958	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-1.301	-1.301	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-1.37	-1.37	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	-.958	-.958	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	-.325	-.325	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	-.343	-.343	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	-.506	-.506	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	-.612	-.612	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	-.506	-.506	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	-.506	-.506	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	-.506	-.506	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	-.612	-.612	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	-.506	-.506	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	-.506	-.506	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	-.186	-.186	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	-.186	-.186	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	-.612	-.612	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	-.207	-.207	0	%100
109	M123	X	0	0	0	%100
110	M123	Z	-.809	-.809	0	%100
111	M132	X	0	0	0	%100
112	M132	Z	-.198	-.198	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	-.153	-.153	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	-.153	-.153	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	M25	X	.095	.095	0	%100
2	M25	Z	-.164	-.164	0	%100
3	M26	X	.296	.296	0	%100
4	M26	Z	-.513	-.513	0	%100
5	M27	X	.296	.296	0	%100
6	M27	Z	-.513	-.513	0	%100
7	M28	X	.479	.479	0	%100
8	M28	Z	-.83	-.83	0	%100
9	M31	X	.266	.266	0	%100
10	M31	Z	-.461	-.461	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	.16	.16	0	%100
14	M36	Z	-.277	-.277	0	%100
15	M37	X	.488	.488	0	%100
16	M37	Z	-.845	-.845	0	%100
17	M39	X	.514	.514	0	%100
18	M39	Z	-.89	-.89	0	%100
19	M41	X	.16	.16	0	%100
20	M41	Z	-.277	-.277	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	.279	.279	0	%100
26	M73	Z	-.484	-.484	0	%100
27	MP1A	X	.253	.253	0	%100
28	MP1A	Z	-.438	-.438	0	%100
29	MP2A	X	.306	.306	0	%100
30	MP2A	Z	-.53	-.53	0	%100
31	MP3A	X	.253	.253	0	%100
32	MP3A	Z	-.438	-.438	0	%100
33	MP4A	X	.253	.253	0	%100
34	MP4A	Z	-.438	-.438	0	%100
35	OVP	X	.23	.23	0	%100
36	OVP	Z	-.399	-.399	0	%100
37	M36A	X	.095	.095	0	%100
38	M36A	Z	-.164	-.164	0	%100
39	M37A	X	.296	.296	0	%100
40	M37A	Z	-.513	-.513	0	%100
41	M38A	X	.296	.296	0	%100
42	M38A	Z	-.513	-.513	0	%100
43	M39A	X	.479	.479	0	%100
44	M39A	Z	-.83	-.83	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	.266	.266	0	%100
48	M43A	Z	-.461	-.461	0	%100
49	M47A	X	.16	.16	0	%100
50	M47A	Z	-.277	-.277	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	.16	.16	0	%100
56	M52	Z	-.277	-.277	0	%100
57	M53	X	.488	.488	0	%100
58	M53	Z	-.845	-.845	0	%100
59	M55	X	.514	.514	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,%]
60	M55	Z	-.89	-.89	0	%100
61	M62	X	.378	.378	0	%100
62	M62	Z	-.655	-.655	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	.266	.266	0	%100
70	M68	Z	-.461	-.461	0	%100
71	M69	X	.266	.266	0	%100
72	M69	Z	-.461	-.461	0	%100
73	M73A	X	.639	.639	0	%100
74	M73A	Z	-1.106	-1.106	0	%100
75	M74	X	.488	.488	0	%100
76	M74	Z	-.845	-.845	0	%100
77	M76A	X	.514	.514	0	%100
78	M76A	Z	-.89	-.89	0	%100
79	M78A	X	.639	.639	0	%100
80	M78A	Z	-1.106	-1.106	0	%100
81	M79	X	.488	.488	0	%100
82	M79	Z	-.845	-.845	0	%100
83	M81	X	.514	.514	0	%100
84	M81	Z	-.89	-.89	0	%100
85	MP1C	X	.253	.253	0	%100
86	MP1C	Z	-.438	-.438	0	%100
87	MP2C	X	.306	.306	0	%100
88	MP2C	Z	-.53	-.53	0	%100
89	MP3C	X	.253	.253	0	%100
90	MP3C	Z	-.438	-.438	0	%100
91	MP4C	X	.253	.253	0	%100
92	MP4C	Z	-.438	-.438	0	%100
93	MP1B	X	.253	.253	0	%100
94	MP1B	Z	-.438	-.438	0	%100
95	MP2B	X	.306	.306	0	%100
96	MP2B	Z	-.53	-.53	0	%100
97	MP3B	X	.253	.253	0	%100
98	MP3B	Z	-.438	-.438	0	%100
99	MP4B	X	.253	.253	0	%100
100	MP4B	Z	-.438	-.438	0	%100
101	M100A	X	.279	.279	0	%100
102	M100A	Z	-.484	-.484	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	.229	.229	0	%100
106	M108	Z	-.397	-.397	0	%100
107	M114	X	1.7e-5	1.7e-5	0	%100
108	M114	Z	-3e-5	-3e-5	0	%100
109	M123	X	.306	.306	0	%100
110	M123	Z	-.529	-.529	0	%100
111	M132	X	.301	.301	0	%100
112	M132	Z	-.522	-.522	0	%100
113	M130A	X	.229	.229	0	%100
114	M130A	Z	-.397	-.397	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M25	X	.492	.492	0	%100
2	M25	Z	-.284	-.284	0	%100
3	M26	X	.171	.171	0	%100
4	M26	Z	-.099	-.099	0	%100
5	M27	X	.171	.171	0	%100
6	M27	Z	-.099	-.099	0	%100
7	M28	X	.277	.277	0	%100
8	M28	Z	-.16	-.16	0	%100
9	M31	X	.614	.614	0	%100
10	M31	Z	-.355	-.355	0	%100
11	M32	X	.154	.154	0	%100
12	M32	Z	-.089	-.089	0	%100
13	M36	X	.83	.83	0	%100
14	M36	Z	-.479	-.479	0	%100
15	M37	X	1.127	1.127	0	%100
16	M37	Z	-.65	-.65	0	%100
17	M39	X	1.187	1.187	0	%100
18	M39	Z	-.685	-.685	0	%100
19	M41	X	.83	.83	0	%100
20	M41	Z	-.479	-.479	0	%100
21	M42	X	.282	.282	0	%100
22	M42	Z	-.163	-.163	0	%100
23	M44	X	.297	.297	0	%100
24	M44	Z	-.171	-.171	0	%100
25	M73	X	.161	.161	0	%100
26	M73	Z	-.093	-.093	0	%100
27	MP1A	X	.438	.438	0	%100
28	MP1A	Z	-.253	-.253	0	%100
29	MP2A	X	.53	.53	0	%100
30	MP2A	Z	-.306	-.306	0	%100
31	MP3A	X	.438	.438	0	%100
32	MP3A	Z	-.253	-.253	0	%100
33	MP4A	X	.438	.438	0	%100
34	MP4A	Z	-.253	-.253	0	%100
35	OVP	X	.399	.399	0	%100
36	OVP	Z	-.23	-.23	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	.684	.684	0	%100
40	M37A	Z	-.395	-.395	0	%100
41	M38A	X	.684	.684	0	%100
42	M38A	Z	-.395	-.395	0	%100
43	M39A	X	1.106	1.106	0	%100
44	M39A	Z	-.639	-.639	0	%100
45	M42A	X	.154	.154	0	%100
46	M42A	Z	-.089	-.089	0	%100
47	M43A	X	.154	.154	0	%100
48	M43A	Z	-.089	-.089	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	.282	.282	0	%100
52	M48A	Z	-.163	-.163	0	%100
53	M50	X	.297	.297	0	%100
54	M50	Z	-.171	-.171	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	.282	.282	0	%100
58	M53	Z	-.163	-.163	0	%100
59	M55	X	.297	.297	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	-.171	-.171	0	%100
61	M62	X	.492	.492	0	%100
62	M62	Z	-.284	-.284	0	%100
63	M63	X	.171	.171	0	%100
64	M63	Z	-.099	-.099	0	%100
65	M64	X	.171	.171	0	%100
66	M64	Z	-.099	-.099	0	%100
67	M65	X	.277	.277	0	%100
68	M65	Z	-.16	-.16	0	%100
69	M68	X	.154	.154	0	%100
70	M68	Z	-.089	-.089	0	%100
71	M69	X	.614	.614	0	%100
72	M69	Z	-.355	-.355	0	%100
73	M73A	X	.83	.83	0	%100
74	M73A	Z	-.479	-.479	0	%100
75	M74	X	.282	.282	0	%100
76	M74	Z	-.163	-.163	0	%100
77	M76A	X	.297	.297	0	%100
78	M76A	Z	-.171	-.171	0	%100
79	M78A	X	.83	.83	0	%100
80	M78A	Z	-.479	-.479	0	%100
81	M79	X	1.127	1.127	0	%100
82	M79	Z	-.65	-.65	0	%100
83	M81	X	1.187	1.187	0	%100
84	M81	Z	-.685	-.685	0	%100
85	MP1C	X	.438	.438	0	%100
86	MP1C	Z	-.253	-.253	0	%100
87	MP2C	X	.53	.53	0	%100
88	MP2C	Z	-.306	-.306	0	%100
89	MP3C	X	.438	.438	0	%100
90	MP3C	Z	-.253	-.253	0	%100
91	MP4C	X	.438	.438	0	%100
92	MP4C	Z	-.253	-.253	0	%100
93	MP1B	X	.438	.438	0	%100
94	MP1B	Z	-.253	-.253	0	%100
95	MP2B	X	.53	.53	0	%100
96	MP2B	Z	-.306	-.306	0	%100
97	MP3B	X	.438	.438	0	%100
98	MP3B	Z	-.253	-.253	0	%100
99	MP4B	X	.438	.438	0	%100
100	MP4B	Z	-.253	-.253	0	%100
101	M100A	X	.645	.645	0	%100
102	M100A	Z	-.373	-.373	0	%100
103	M101A	X	.161	.161	0	%100
104	M101A	Z	-.093	-.093	0	%100
105	M108	X	.132	.132	0	%100
106	M108	Z	-.076	-.076	0	%100
107	M114	X	.171	.171	0	%100
108	M114	Z	-.099	-.099	0	%100
109	M123	X	.179	.179	0	%100
110	M123	Z	-.103	-.103	0	%100
111	M132	X	.701	.701	0	%100
112	M132	Z	-.405	-.405	0	%100
113	M130A	X	.53	.53	0	%100
114	M130A	Z	-.306	-.306	0	%100
115	M131A	X	.132	.132	0	%100
116	M131A	Z	-.076	-.076	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	M25	X	.757	.757	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	0	0	0	%100
9	M31	X	.532	.532	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	.532	.532	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	1.277	1.277	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	.976	.976	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	1.028	1.028	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	1.277	1.277	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	.976	.976	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	1.028	1.028	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	0	0	0	%100
27	MP1A	X	.506	.506	0	%100
28	MP1A	Z	0	0	0	%100
29	MP2A	X	.612	.612	0	%100
30	MP2A	Z	0	0	0	%100
31	MP3A	X	.506	.506	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	.506	.506	0	%100
34	MP4A	Z	0	0	0	%100
35	OVP	X	.461	.461	0	%100
36	OVP	Z	0	0	0	%100
37	M36A	X	.189	.189	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	.592	.592	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	.592	.592	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	.958	.958	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	.532	.532	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M47A	X	.319	.319	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	.976	.976	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	1.028	1.028	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	.319	.319	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M55	X	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,%]
60	M55	Z	0	0	0	%100
61	M62	X	.189	.189	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	.592	.592	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	.592	.592	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	.958	.958	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	0	0	0	%100
71	M69	X	.532	.532	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	.319	.319	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	0	0	0	%100
79	M78A	X	.319	.319	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	.976	.976	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	1.028	1.028	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	.506	.506	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	.612	.612	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	.506	.506	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	.506	.506	0	%100
92	MP4C	Z	0	0	0	%100
93	MP1B	X	.506	.506	0	%100
94	MP1B	Z	0	0	0	%100
95	MP2B	X	.612	.612	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	.506	.506	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	.506	.506	0	%100
100	MP4B	Z	0	0	0	%100
101	M100A	X	.559	.559	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	.559	.559	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	M114	X	.602	.602	0	%100
108	M114	Z	0	0	0	%100
109	M123	X	3.4e-5	3.4e-5	0	%100
110	M123	Z	0	0	0	%100
111	M132	X	.611	.611	0	%100
112	M132	Z	0	0	0	%100
113	M130A	X	.459	.459	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	.459	.459	0	%100
116	M131A	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	M25	X	.492	.492	0	%100
2	M25	Z	.284	.284	0	%100
3	M26	X	.171	.171	0	%100
4	M26	Z	.099	.099	0	%100
5	M27	X	.171	.171	0	%100
6	M27	Z	.099	.099	0	%100
7	M28	X	.277	.277	0	%100
8	M28	Z	.16	.16	0	%100
9	M31	X	.154	.154	0	%100
10	M31	Z	.089	.089	0	%100
11	M32	X	.614	.614	0	%100
12	M32	Z	.355	.355	0	%100
13	M36	X	.83	.83	0	%100
14	M36	Z	.479	.479	0	%100
15	M37	X	.282	.282	0	%100
16	M37	Z	.163	.163	0	%100
17	M39	X	.297	.297	0	%100
18	M39	Z	.171	.171	0	%100
19	M41	X	.83	.83	0	%100
20	M41	Z	.479	.479	0	%100
21	M42	X	1.127	1.127	0	%100
22	M42	Z	.65	.65	0	%100
23	M44	X	1.187	1.187	0	%100
24	M44	Z	.685	.685	0	%100
25	M73	X	.161	.161	0	%100
26	M73	Z	.093	.093	0	%100
27	MP1A	X	.438	.438	0	%100
28	MP1A	Z	.253	.253	0	%100
29	MP2A	X	.53	.53	0	%100
30	MP2A	Z	.306	.306	0	%100
31	MP3A	X	.438	.438	0	%100
32	MP3A	Z	.253	.253	0	%100
33	MP4A	X	.438	.438	0	%100
34	MP4A	Z	.253	.253	0	%100
35	OVP	X	.399	.399	0	%100
36	OVP	Z	.23	.23	0	%100
37	M36A	X	.492	.492	0	%100
38	M36A	Z	.284	.284	0	%100
39	M37A	X	.171	.171	0	%100
40	M37A	Z	.099	.099	0	%100
41	M38A	X	.171	.171	0	%100
42	M38A	Z	.099	.099	0	%100
43	M39A	X	.277	.277	0	%100
44	M39A	Z	.16	.16	0	%100
45	M42A	X	.614	.614	0	%100
46	M42A	Z	.355	.355	0	%100
47	M43A	X	.154	.154	0	%100
48	M43A	Z	.089	.089	0	%100
49	M47A	X	.83	.83	0	%100
50	M47A	Z	.479	.479	0	%100
51	M48A	X	1.127	1.127	0	%100
52	M48A	Z	.65	.65	0	%100
53	M50	X	1.187	1.187	0	%100
54	M50	Z	.685	.685	0	%100
55	M52	X	.83	.83	0	%100
56	M52	Z	.479	.479	0	%100
57	M53	X	.282	.282	0	%100
58	M53	Z	.163	.163	0	%100
59	M55	X	.297	.297	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,%]
60	M55	Z	.171	.171	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	.684	.684	0	%100
64	M63	Z	.395	.395	0	%100
65	M64	X	.684	.684	0	%100
66	M64	Z	.395	.395	0	%100
67	M65	X	1.106	1.106	0	%100
68	M65	Z	.639	.639	0	%100
69	M68	X	.154	.154	0	%100
70	M68	Z	.089	.089	0	%100
71	M69	X	.154	.154	0	%100
72	M69	Z	.089	.089	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	.282	.282	0	%100
76	M74	Z	.163	.163	0	%100
77	M76A	X	.297	.297	0	%100
78	M76A	Z	.171	.171	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	.282	.282	0	%100
82	M79	Z	.163	.163	0	%100
83	M81	X	.297	.297	0	%100
84	M81	Z	.171	.171	0	%100
85	MP1C	X	.438	.438	0	%100
86	MP1C	Z	.253	.253	0	%100
87	MP2C	X	.53	.53	0	%100
88	MP2C	Z	.306	.306	0	%100
89	MP3C	X	.438	.438	0	%100
90	MP3C	Z	.253	.253	0	%100
91	MP4C	X	.438	.438	0	%100
92	MP4C	Z	.253	.253	0	%100
93	MP1B	X	.438	.438	0	%100
94	MP1B	Z	.253	.253	0	%100
95	MP2B	X	.53	.53	0	%100
96	MP2B	Z	.306	.306	0	%100
97	MP3B	X	.438	.438	0	%100
98	MP3B	Z	.253	.253	0	%100
99	MP4B	X	.438	.438	0	%100
100	MP4B	Z	.253	.253	0	%100
101	M100A	X	.161	.161	0	%100
102	M100A	Z	.093	.093	0	%100
103	M101A	X	.645	.645	0	%100
104	M101A	Z	.373	.373	0	%100
105	M108	X	.132	.132	0	%100
106	M108	Z	.076	.076	0	%100
107	M114	X	.701	.701	0	%100
108	M114	Z	.405	.405	0	%100
109	M123	X	.171	.171	0	%100
110	M123	Z	.099	.099	0	%100
111	M132	X	.179	.179	0	%100
112	M132	Z	.103	.103	0	%100
113	M130A	X	.132	.132	0	%100
114	M130A	Z	.076	.076	0	%100
115	M131A	X	.53	.53	0	%100
116	M131A	Z	.306	.306	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M25	X	.095	.095	0	%100
2	M25	Z	.164	.164	0	%100
3	M26	X	.296	.296	0	%100
4	M26	Z	.513	.513	0	%100
5	M27	X	.296	.296	0	%100
6	M27	Z	.513	.513	0	%100
7	M28	X	.479	.479	0	%100
8	M28	Z	.83	.83	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	.266	.266	0	%100
12	M32	Z	.461	.461	0	%100
13	M36	X	.16	.16	0	%100
14	M36	Z	.277	.277	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	.16	.16	0	%100
20	M41	Z	.277	.277	0	%100
21	M42	X	.488	.488	0	%100
22	M42	Z	.845	.845	0	%100
23	M44	X	.514	.514	0	%100
24	M44	Z	.89	.89	0	%100
25	M73	X	.279	.279	0	%100
26	M73	Z	.484	.484	0	%100
27	MP1A	X	.253	.253	0	%100
28	MP1A	Z	.438	.438	0	%100
29	MP2A	X	.306	.306	0	%100
30	MP2A	Z	.53	.53	0	%100
31	MP3A	X	.253	.253	0	%100
32	MP3A	Z	.438	.438	0	%100
33	MP4A	X	.253	.253	0	%100
34	MP4A	Z	.438	.438	0	%100
35	OVP	X	.23	.23	0	%100
36	OVP	Z	.399	.399	0	%100
37	M36A	X	.378	.378	0	%100
38	M36A	Z	.655	.655	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	.266	.266	0	%100
46	M42A	Z	.461	.461	0	%100
47	M43A	X	.266	.266	0	%100
48	M43A	Z	.461	.461	0	%100
49	M47A	X	.639	.639	0	%100
50	M47A	Z	1.106	1.106	0	%100
51	M48A	X	.488	.488	0	%100
52	M48A	Z	.845	.845	0	%100
53	M50	X	.514	.514	0	%100
54	M50	Z	.89	.89	0	%100
55	M52	X	.639	.639	0	%100
56	M52	Z	1.106	1.106	0	%100
57	M53	X	.488	.488	0	%100
58	M53	Z	.845	.845	0	%100
59	M55	X	.514	.514	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,%]
60	M55	Z	.89	.89	0	%100
61	M62	X	.095	.095	0	%100
62	M62	Z	.164	.164	0	%100
63	M63	X	.296	.296	0	%100
64	M63	Z	.513	.513	0	%100
65	M64	X	.296	.296	0	%100
66	M64	Z	.513	.513	0	%100
67	M65	X	.479	.479	0	%100
68	M65	Z	.83	.83	0	%100
69	M68	X	.266	.266	0	%100
70	M68	Z	.461	.461	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	.16	.16	0	%100
74	M73A	Z	.277	.277	0	%100
75	M74	X	.488	.488	0	%100
76	M74	Z	.845	.845	0	%100
77	M76A	X	.514	.514	0	%100
78	M76A	Z	.89	.89	0	%100
79	M78A	X	.16	.16	0	%100
80	M78A	Z	.277	.277	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	.253	.253	0	%100
86	MP1C	Z	.438	.438	0	%100
87	MP2C	X	.306	.306	0	%100
88	MP2C	Z	.53	.53	0	%100
89	MP3C	X	.253	.253	0	%100
90	MP3C	Z	.438	.438	0	%100
91	MP4C	X	.253	.253	0	%100
92	MP4C	Z	.438	.438	0	%100
93	MP1B	X	.253	.253	0	%100
94	MP1B	Z	.438	.438	0	%100
95	MP2B	X	.306	.306	0	%100
96	MP2B	Z	.53	.53	0	%100
97	MP3B	X	.253	.253	0	%100
98	MP3B	Z	.438	.438	0	%100
99	MP4B	X	.253	.253	0	%100
100	MP4B	Z	.438	.438	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	.279	.279	0	%100
104	M101A	Z	.484	.484	0	%100
105	M108	X	.229	.229	0	%100
106	M108	Z	.397	.397	0	%100
107	M114	X	.306	.306	0	%100
108	M114	Z	.529	.529	0	%100
109	M123	X	.301	.301	0	%100
110	M123	Z	.522	.522	0	%100
111	M132	X	1.7e-5	1.7e-5	0	%100
112	M132	Z	3e-5	3e-5	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	.229	.229	0	%100
116	M131A	Z	.397	.397	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	M25	X	0	0	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	.789	.789	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	.789	.789	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	1.277	1.277	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	.177	.177	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	.177	.177	0	%100
13	M36	X	0	0	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	.325	.325	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	.343	.343	0	%100
19	M41	X	0	0	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	.325	.325	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	.343	.343	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	.745	.745	0	%100
27	MP1A	X	0	0	0	%100
28	MP1A	Z	.506	.506	0	%100
29	MP2A	X	0	0	0	%100
30	MP2A	Z	.612	.612	0	%100
31	MP3A	X	0	0	0	%100
32	MP3A	Z	.506	.506	0	%100
33	MP4A	X	0	0	0	%100
34	MP4A	Z	.506	.506	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	.461	.461	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	.568	.568	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	.197	.197	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	.197	.197	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	.319	.319	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	.177	.177	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	.709	.709	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	.958	.958	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	.325	.325	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	.343	.343	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	.958	.958	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.301	1.301	0	%100
59	M55	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,%]
60	M55	Z	1.37	1.37	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	.568	.568	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	.197	.197	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	.197	.197	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	.319	.319	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	.709	.709	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	.177	.177	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	.958	.958	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	1.301	1.301	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	1.37	1.37	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	.958	.958	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	.325	.325	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	.343	.343	0	%100
85	MP1C	X	0	0	0	%100
86	MP1C	Z	.506	.506	0	%100
87	MP2C	X	0	0	0	%100
88	MP2C	Z	.612	.612	0	%100
89	MP3C	X	0	0	0	%100
90	MP3C	Z	.506	.506	0	%100
91	MP4C	X	0	0	0	%100
92	MP4C	Z	.506	.506	0	%100
93	MP1B	X	0	0	0	%100
94	MP1B	Z	.506	.506	0	%100
95	MP2B	X	0	0	0	%100
96	MP2B	Z	.612	.612	0	%100
97	MP3B	X	0	0	0	%100
98	MP3B	Z	.506	.506	0	%100
99	MP4B	X	0	0	0	%100
100	MP4B	Z	.506	.506	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	.186	.186	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	.186	.186	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	.612	.612	0	%100
107	M114	X	0	0	0	%100
108	M114	Z	.207	.207	0	%100
109	M123	X	0	0	0	%100
110	M123	Z	.809	.809	0	%100
111	M132	X	0	0	0	%100
112	M132	Z	.198	.198	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	.153	.153	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	.153	.153	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	M25	X	-.095	-.095	0	%100
2	M25	Z	.164	.164	0	%100
3	M26	X	-.296	-.296	0	%100
4	M26	Z	.513	.513	0	%100
5	M27	X	-.296	-.296	0	%100
6	M27	Z	.513	.513	0	%100
7	M28	X	-.479	-.479	0	%100
8	M28	Z	.83	.83	0	%100
9	M31	X	-.266	-.266	0	%100
10	M31	Z	.461	.461	0	%100
11	M32	X	0	0	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	-.16	-.16	0	%100
14	M36	Z	.277	.277	0	%100
15	M37	X	-.488	-.488	0	%100
16	M37	Z	.845	.845	0	%100
17	M39	X	-.514	-.514	0	%100
18	M39	Z	.89	.89	0	%100
19	M41	X	-.16	-.16	0	%100
20	M41	Z	.277	.277	0	%100
21	M42	X	0	0	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	0	0	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	-.279	-.279	0	%100
26	M73	Z	.484	.484	0	%100
27	MP1A	X	-.253	-.253	0	%100
28	MP1A	Z	.438	.438	0	%100
29	MP2A	X	-.306	-.306	0	%100
30	MP2A	Z	.53	.53	0	%100
31	MP3A	X	-.253	-.253	0	%100
32	MP3A	Z	.438	.438	0	%100
33	MP4A	X	-.253	-.253	0	%100
34	MP4A	Z	.438	.438	0	%100
35	OVP	X	-.23	-.23	0	%100
36	OVP	Z	.399	.399	0	%100
37	M36A	X	-.095	-.095	0	%100
38	M36A	Z	.164	.164	0	%100
39	M37A	X	-.296	-.296	0	%100
40	M37A	Z	.513	.513	0	%100
41	M38A	X	-.296	-.296	0	%100
42	M38A	Z	.513	.513	0	%100
43	M39A	X	-.479	-.479	0	%100
44	M39A	Z	.83	.83	0	%100
45	M42A	X	0	0	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	-.266	-.266	0	%100
48	M43A	Z	.461	.461	0	%100
49	M47A	X	-.16	-.16	0	%100
50	M47A	Z	.277	.277	0	%100
51	M48A	X	0	0	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	-.16	-.16	0	%100
56	M52	Z	.277	.277	0	%100
57	M53	X	-.488	-.488	0	%100
58	M53	Z	.845	.845	0	%100
59	M55	X	-.514	-.514	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,%]
60	M55	Z	.89	.89	0	%100
61	M62	X	-.378	-.378	0	%100
62	M62	Z	.655	.655	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	0	0	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	-.266	-.266	0	%100
70	M68	Z	.461	.461	0	%100
71	M69	X	-.266	-.266	0	%100
72	M69	Z	.461	.461	0	%100
73	M73A	X	-.639	-.639	0	%100
74	M73A	Z	1.106	1.106	0	%100
75	M74	X	-.488	-.488	0	%100
76	M74	Z	.845	.845	0	%100
77	M76A	X	-.514	-.514	0	%100
78	M76A	Z	.89	.89	0	%100
79	M78A	X	-.639	-.639	0	%100
80	M78A	Z	1.106	1.106	0	%100
81	M79	X	-.488	-.488	0	%100
82	M79	Z	.845	.845	0	%100
83	M81	X	-.514	-.514	0	%100
84	M81	Z	.89	.89	0	%100
85	MP1C	X	-.253	-.253	0	%100
86	MP1C	Z	.438	.438	0	%100
87	MP2C	X	-.306	-.306	0	%100
88	MP2C	Z	.53	.53	0	%100
89	MP3C	X	-.253	-.253	0	%100
90	MP3C	Z	.438	.438	0	%100
91	MP4C	X	-.253	-.253	0	%100
92	MP4C	Z	.438	.438	0	%100
93	MP1B	X	-.253	-.253	0	%100
94	MP1B	Z	.438	.438	0	%100
95	MP2B	X	-.306	-.306	0	%100
96	MP2B	Z	.53	.53	0	%100
97	MP3B	X	-.253	-.253	0	%100
98	MP3B	Z	.438	.438	0	%100
99	MP4B	X	-.253	-.253	0	%100
100	MP4B	Z	.438	.438	0	%100
101	M100A	X	-.279	-.279	0	%100
102	M100A	Z	.484	.484	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	-.229	-.229	0	%100
106	M108	Z	.397	.397	0	%100
107	M114	X	-1.7e-5	-1.7e-5	0	%100
108	M114	Z	3e-5	3e-5	0	%100
109	M123	X	-.306	-.306	0	%100
110	M123	Z	.529	.529	0	%100
111	M132	X	-.301	-.301	0	%100
112	M132	Z	.522	.522	0	%100
113	M130A	X	-.229	-.229	0	%100
114	M130A	Z	.397	.397	0	%100
115	M131A	X	0	0	0	%100
116	M131A	Z	0	0	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,%]
1	M25	X	-.492	-.492	0	%100
2	M25	Z	.284	.284	0	%100
3	M26	X	-.171	-.171	0	%100
4	M26	Z	.099	.099	0	%100
5	M27	X	-.171	-.171	0	%100
6	M27	Z	.099	.099	0	%100
7	M28	X	-.277	-.277	0	%100
8	M28	Z	.16	.16	0	%100
9	M31	X	-.614	-.614	0	%100
10	M31	Z	.355	.355	0	%100
11	M32	X	-.154	-.154	0	%100
12	M32	Z	.089	.089	0	%100
13	M36	X	-.83	-.83	0	%100
14	M36	Z	.479	.479	0	%100
15	M37	X	-1.127	-1.127	0	%100
16	M37	Z	.65	.65	0	%100
17	M39	X	-1.187	-1.187	0	%100
18	M39	Z	.685	.685	0	%100
19	M41	X	-.83	-.83	0	%100
20	M41	Z	.479	.479	0	%100
21	M42	X	-.282	-.282	0	%100
22	M42	Z	.163	.163	0	%100
23	M44	X	-.297	-.297	0	%100
24	M44	Z	.171	.171	0	%100
25	M73	X	-.161	-.161	0	%100
26	M73	Z	.093	.093	0	%100
27	MP1A	X	-.438	-.438	0	%100
28	MP1A	Z	.253	.253	0	%100
29	MP2A	X	-.53	-.53	0	%100
30	MP2A	Z	.306	.306	0	%100
31	MP3A	X	-.438	-.438	0	%100
32	MP3A	Z	.253	.253	0	%100
33	MP4A	X	-.438	-.438	0	%100
34	MP4A	Z	.253	.253	0	%100
35	OVP	X	-.399	-.399	0	%100
36	OVP	Z	.23	.23	0	%100
37	M36A	X	0	0	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	-.684	-.684	0	%100
40	M37A	Z	.395	.395	0	%100
41	M38A	X	-.684	-.684	0	%100
42	M38A	Z	.395	.395	0	%100
43	M39A	X	-1.106	-1.106	0	%100
44	M39A	Z	.639	.639	0	%100
45	M42A	X	-.154	-.154	0	%100
46	M42A	Z	.089	.089	0	%100
47	M43A	X	-.154	-.154	0	%100
48	M43A	Z	.089	.089	0	%100
49	M47A	X	0	0	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	-.282	-.282	0	%100
52	M48A	Z	.163	.163	0	%100
53	M50	X	-.297	-.297	0	%100
54	M50	Z	.171	.171	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	-.282	-.282	0	%100
58	M53	Z	.163	.163	0	%100
59	M55	X	-.297	-.297	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	.171	.171	0	%100
61	M62	X	-.492	-.492	0	%100
62	M62	Z	.284	.284	0	%100
63	M63	X	-.171	-.171	0	%100
64	M63	Z	.099	.099	0	%100
65	M64	X	-.171	-.171	0	%100
66	M64	Z	.099	.099	0	%100
67	M65	X	-.277	-.277	0	%100
68	M65	Z	.16	.16	0	%100
69	M68	X	-.154	-.154	0	%100
70	M68	Z	.089	.089	0	%100
71	M69	X	-.614	-.614	0	%100
72	M69	Z	.355	.355	0	%100
73	M73A	X	-.83	-.83	0	%100
74	M73A	Z	.479	.479	0	%100
75	M74	X	-.282	-.282	0	%100
76	M74	Z	.163	.163	0	%100
77	M76A	X	-.297	-.297	0	%100
78	M76A	Z	.171	.171	0	%100
79	M78A	X	-.83	-.83	0	%100
80	M78A	Z	.479	.479	0	%100
81	M79	X	-1.127	-1.127	0	%100
82	M79	Z	.65	.65	0	%100
83	M81	X	-1.187	-1.187	0	%100
84	M81	Z	.685	.685	0	%100
85	MP1C	X	-.438	-.438	0	%100
86	MP1C	Z	.253	.253	0	%100
87	MP2C	X	-.53	-.53	0	%100
88	MP2C	Z	.306	.306	0	%100
89	MP3C	X	-.438	-.438	0	%100
90	MP3C	Z	.253	.253	0	%100
91	MP4C	X	-.438	-.438	0	%100
92	MP4C	Z	.253	.253	0	%100
93	MP1B	X	-.438	-.438	0	%100
94	MP1B	Z	.253	.253	0	%100
95	MP2B	X	-.53	-.53	0	%100
96	MP2B	Z	.306	.306	0	%100
97	MP3B	X	-.438	-.438	0	%100
98	MP3B	Z	.253	.253	0	%100
99	MP4B	X	-.438	-.438	0	%100
100	MP4B	Z	.253	.253	0	%100
101	M100A	X	-.645	-.645	0	%100
102	M100A	Z	.373	.373	0	%100
103	M101A	X	-.161	-.161	0	%100
104	M101A	Z	.093	.093	0	%100
105	M108	X	-.132	-.132	0	%100
106	M108	Z	.076	.076	0	%100
107	M114	X	-.171	-.171	0	%100
108	M114	Z	.099	.099	0	%100
109	M123	X	-.179	-.179	0	%100
110	M123	Z	.103	.103	0	%100
111	M132	X	-.701	-.701	0	%100
112	M132	Z	.405	.405	0	%100
113	M130A	X	-.53	-.53	0	%100
114	M130A	Z	.306	.306	0	%100
115	M131A	X	-.132	-.132	0	%100
116	M131A	Z	.076	.076	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	M25	X	-.757	-.757	0	%100
2	M25	Z	0	0	0	%100
3	M26	X	0	0	0	%100
4	M26	Z	0	0	0	%100
5	M27	X	0	0	0	%100
6	M27	Z	0	0	0	%100
7	M28	X	0	0	0	%100
8	M28	Z	0	0	0	%100
9	M31	X	-.532	-.532	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	-.532	-.532	0	%100
12	M32	Z	0	0	0	%100
13	M36	X	-1.277	-1.277	0	%100
14	M36	Z	0	0	0	%100
15	M37	X	-.976	-.976	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	-1.028	-1.028	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	-1.277	-1.277	0	%100
20	M41	Z	0	0	0	%100
21	M42	X	-.976	-.976	0	%100
22	M42	Z	0	0	0	%100
23	M44	X	-1.028	-1.028	0	%100
24	M44	Z	0	0	0	%100
25	M73	X	0	0	0	%100
26	M73	Z	0	0	0	%100
27	MP1A	X	-.506	-.506	0	%100
28	MP1A	Z	0	0	0	%100
29	MP2A	X	-.612	-.612	0	%100
30	MP2A	Z	0	0	0	%100
31	MP3A	X	-.506	-.506	0	%100
32	MP3A	Z	0	0	0	%100
33	MP4A	X	-.506	-.506	0	%100
34	MP4A	Z	0	0	0	%100
35	OVP	X	-.461	-.461	0	%100
36	OVP	Z	0	0	0	%100
37	M36A	X	-.189	-.189	0	%100
38	M36A	Z	0	0	0	%100
39	M37A	X	-.592	-.592	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	-.592	-.592	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	-.958	-.958	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	-.532	-.532	0	%100
46	M42A	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M47A	X	-.319	-.319	0	%100
50	M47A	Z	0	0	0	%100
51	M48A	X	-.976	-.976	0	%100
52	M48A	Z	0	0	0	%100
53	M50	X	-1.028	-1.028	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	-.319	-.319	0	%100
56	M52	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M55	X	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,%]
60	M55	Z	0	0	0	%100
61	M62	X	-.189	-.189	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-.592	-.592	0	%100
64	M63	Z	0	0	0	%100
65	M64	X	-.592	-.592	0	%100
66	M64	Z	0	0	0	%100
67	M65	X	-.958	-.958	0	%100
68	M65	Z	0	0	0	%100
69	M68	X	0	0	0	%100
70	M68	Z	0	0	0	%100
71	M69	X	-.532	-.532	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	-.319	-.319	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	0	0	0	%100
79	M78A	X	-.319	-.319	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	-.976	-.976	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	-1.028	-1.028	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	-.506	-.506	0	%100
86	MP1C	Z	0	0	0	%100
87	MP2C	X	-.612	-.612	0	%100
88	MP2C	Z	0	0	0	%100
89	MP3C	X	-.506	-.506	0	%100
90	MP3C	Z	0	0	0	%100
91	MP4C	X	-.506	-.506	0	%100
92	MP4C	Z	0	0	0	%100
93	MP1B	X	-.506	-.506	0	%100
94	MP1B	Z	0	0	0	%100
95	MP2B	X	-.612	-.612	0	%100
96	MP2B	Z	0	0	0	%100
97	MP3B	X	-.506	-.506	0	%100
98	MP3B	Z	0	0	0	%100
99	MP4B	X	-.506	-.506	0	%100
100	MP4B	Z	0	0	0	%100
101	M100A	X	-.559	-.559	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	-.559	-.559	0	%100
104	M101A	Z	0	0	0	%100
105	M108	X	0	0	0	%100
106	M108	Z	0	0	0	%100
107	M114	X	-.602	-.602	0	%100
108	M114	Z	0	0	0	%100
109	M123	X	-3.4e-5	-3.4e-5	0	%100
110	M123	Z	0	0	0	%100
111	M132	X	-.611	-.611	0	%100
112	M132	Z	0	0	0	%100
113	M130A	X	-.459	-.459	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	-.459	-.459	0	%100
116	M131A	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	M25	X	-.492	-.492	0	%100
2	M25	Z	-.284	-.284	0	%100
3	M26	X	-.171	-.171	0	%100
4	M26	Z	-.099	-.099	0	%100
5	M27	X	-.171	-.171	0	%100
6	M27	Z	-.099	-.099	0	%100
7	M28	X	-.277	-.277	0	%100
8	M28	Z	-.16	-.16	0	%100
9	M31	X	-.154	-.154	0	%100
10	M31	Z	-.089	-.089	0	%100
11	M32	X	-.614	-.614	0	%100
12	M32	Z	-.355	-.355	0	%100
13	M36	X	-.83	-.83	0	%100
14	M36	Z	-.479	-.479	0	%100
15	M37	X	-.282	-.282	0	%100
16	M37	Z	-.163	-.163	0	%100
17	M39	X	-.297	-.297	0	%100
18	M39	Z	-.171	-.171	0	%100
19	M41	X	-.83	-.83	0	%100
20	M41	Z	-.479	-.479	0	%100
21	M42	X	-1.127	-1.127	0	%100
22	M42	Z	-.65	-.65	0	%100
23	M44	X	-1.187	-1.187	0	%100
24	M44	Z	-.685	-.685	0	%100
25	M73	X	-.161	-.161	0	%100
26	M73	Z	-.093	-.093	0	%100
27	MP1A	X	-.438	-.438	0	%100
28	MP1A	Z	-.253	-.253	0	%100
29	MP2A	X	-.53	-.53	0	%100
30	MP2A	Z	-.306	-.306	0	%100
31	MP3A	X	-.438	-.438	0	%100
32	MP3A	Z	-.253	-.253	0	%100
33	MP4A	X	-.438	-.438	0	%100
34	MP4A	Z	-.253	-.253	0	%100
35	OVP	X	-.399	-.399	0	%100
36	OVP	Z	-.23	-.23	0	%100
37	M36A	X	-.492	-.492	0	%100
38	M36A	Z	-.284	-.284	0	%100
39	M37A	X	-.171	-.171	0	%100
40	M37A	Z	-.099	-.099	0	%100
41	M38A	X	-.171	-.171	0	%100
42	M38A	Z	-.099	-.099	0	%100
43	M39A	X	-.277	-.277	0	%100
44	M39A	Z	-.16	-.16	0	%100
45	M42A	X	-.614	-.614	0	%100
46	M42A	Z	-.355	-.355	0	%100
47	M43A	X	-.154	-.154	0	%100
48	M43A	Z	-.089	-.089	0	%100
49	M47A	X	-.83	-.83	0	%100
50	M47A	Z	-.479	-.479	0	%100
51	M48A	X	-1.127	-1.127	0	%100
52	M48A	Z	-.65	-.65	0	%100
53	M50	X	-1.187	-1.187	0	%100
54	M50	Z	-.685	-.685	0	%100
55	M52	X	-.83	-.83	0	%100
56	M52	Z	-.479	-.479	0	%100
57	M53	X	-.282	-.282	0	%100
58	M53	Z	-.163	-.163	0	%100
59	M55	X	-.297	-.297	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,%]
60	M55	Z	-.171	-.171	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-.684	-.684	0	%100
64	M63	Z	-.395	-.395	0	%100
65	M64	X	-.684	-.684	0	%100
66	M64	Z	-.395	-.395	0	%100
67	M65	X	-1.106	-1.106	0	%100
68	M65	Z	-.639	-.639	0	%100
69	M68	X	-.154	-.154	0	%100
70	M68	Z	-.089	-.089	0	%100
71	M69	X	-.154	-.154	0	%100
72	M69	Z	-.089	-.089	0	%100
73	M73A	X	0	0	0	%100
74	M73A	Z	0	0	0	%100
75	M74	X	-.282	-.282	0	%100
76	M74	Z	-.163	-.163	0	%100
77	M76A	X	-.297	-.297	0	%100
78	M76A	Z	-.171	-.171	0	%100
79	M78A	X	0	0	0	%100
80	M78A	Z	0	0	0	%100
81	M79	X	-.282	-.282	0	%100
82	M79	Z	-.163	-.163	0	%100
83	M81	X	-.297	-.297	0	%100
84	M81	Z	-.171	-.171	0	%100
85	MP1C	X	-.438	-.438	0	%100
86	MP1C	Z	-.253	-.253	0	%100
87	MP2C	X	-.53	-.53	0	%100
88	MP2C	Z	-.306	-.306	0	%100
89	MP3C	X	-.438	-.438	0	%100
90	MP3C	Z	-.253	-.253	0	%100
91	MP4C	X	-.438	-.438	0	%100
92	MP4C	Z	-.253	-.253	0	%100
93	MP1B	X	-.438	-.438	0	%100
94	MP1B	Z	-.253	-.253	0	%100
95	MP2B	X	-.53	-.53	0	%100
96	MP2B	Z	-.306	-.306	0	%100
97	MP3B	X	-.438	-.438	0	%100
98	MP3B	Z	-.253	-.253	0	%100
99	MP4B	X	-.438	-.438	0	%100
100	MP4B	Z	-.253	-.253	0	%100
101	M100A	X	-.161	-.161	0	%100
102	M100A	Z	-.093	-.093	0	%100
103	M101A	X	-.645	-.645	0	%100
104	M101A	Z	-.373	-.373	0	%100
105	M108	X	-.132	-.132	0	%100
106	M108	Z	-.076	-.076	0	%100
107	M114	X	-.701	-.701	0	%100
108	M114	Z	-.405	-.405	0	%100
109	M123	X	-.171	-.171	0	%100
110	M123	Z	-.099	-.099	0	%100
111	M132	X	-.179	-.179	0	%100
112	M132	Z	-.103	-.103	0	%100
113	M130A	X	-.132	-.132	0	%100
114	M130A	Z	-.076	-.076	0	%100
115	M131A	X	-.53	-.53	0	%100
116	M131A	Z	-.306	-.306	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	M25	X	-.095	-.095	0	%100
2	M25	Z	-.164	-.164	0	%100
3	M26	X	-.296	-.296	0	%100
4	M26	Z	-.513	-.513	0	%100
5	M27	X	-.296	-.296	0	%100
6	M27	Z	-.513	-.513	0	%100
7	M28	X	-.479	-.479	0	%100
8	M28	Z	-.83	-.83	0	%100
9	M31	X	0	0	0	%100
10	M31	Z	0	0	0	%100
11	M32	X	-.266	-.266	0	%100
12	M32	Z	-.461	-.461	0	%100
13	M36	X	-.16	-.16	0	%100
14	M36	Z	-.277	-.277	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M39	X	0	0	0	%100
18	M39	Z	0	0	0	%100
19	M41	X	-.16	-.16	0	%100
20	M41	Z	-.277	-.277	0	%100
21	M42	X	-.488	-.488	0	%100
22	M42	Z	-.845	-.845	0	%100
23	M44	X	-.514	-.514	0	%100
24	M44	Z	-.89	-.89	0	%100
25	M73	X	-.279	-.279	0	%100
26	M73	Z	-.484	-.484	0	%100
27	MP1A	X	-.253	-.253	0	%100
28	MP1A	Z	-.438	-.438	0	%100
29	MP2A	X	-.306	-.306	0	%100
30	MP2A	Z	-.53	-.53	0	%100
31	MP3A	X	-.253	-.253	0	%100
32	MP3A	Z	-.438	-.438	0	%100
33	MP4A	X	-.253	-.253	0	%100
34	MP4A	Z	-.438	-.438	0	%100
35	OVP	X	-.23	-.23	0	%100
36	OVP	Z	-.399	-.399	0	%100
37	M36A	X	-.378	-.378	0	%100
38	M36A	Z	-.655	-.655	0	%100
39	M37A	X	0	0	0	%100
40	M37A	Z	0	0	0	%100
41	M38A	X	0	0	0	%100
42	M38A	Z	0	0	0	%100
43	M39A	X	0	0	0	%100
44	M39A	Z	0	0	0	%100
45	M42A	X	-.266	-.266	0	%100
46	M42A	Z	-.461	-.461	0	%100
47	M43A	X	-.266	-.266	0	%100
48	M43A	Z	-.461	-.461	0	%100
49	M47A	X	-.639	-.639	0	%100
50	M47A	Z	-1.106	-1.106	0	%100
51	M48A	X	-.488	-.488	0	%100
52	M48A	Z	-.845	-.845	0	%100
53	M50	X	-.514	-.514	0	%100
54	M50	Z	-.89	-.89	0	%100
55	M52	X	-.639	-.639	0	%100
56	M52	Z	-1.106	-1.106	0	%100
57	M53	X	-.488	-.488	0	%100
58	M53	Z	-.845	-.845	0	%100
59	M55	X	-.514	-.514	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,%]
60	M55	Z	-.89	-.89	0	%100
61	M62	X	-.095	-.095	0	%100
62	M62	Z	-.164	-.164	0	%100
63	M63	X	-.296	-.296	0	%100
64	M63	Z	-.513	-.513	0	%100
65	M64	X	-.296	-.296	0	%100
66	M64	Z	-.513	-.513	0	%100
67	M65	X	-.479	-.479	0	%100
68	M65	Z	-.83	-.83	0	%100
69	M68	X	-.266	-.266	0	%100
70	M68	Z	-.461	-.461	0	%100
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M73A	X	-.16	-.16	0	%100
74	M73A	Z	-.277	-.277	0	%100
75	M74	X	-.488	-.488	0	%100
76	M74	Z	-.845	-.845	0	%100
77	M76A	X	-.514	-.514	0	%100
78	M76A	Z	-.89	-.89	0	%100
79	M78A	X	-.16	-.16	0	%100
80	M78A	Z	-.277	-.277	0	%100
81	M79	X	0	0	0	%100
82	M79	Z	0	0	0	%100
83	M81	X	0	0	0	%100
84	M81	Z	0	0	0	%100
85	MP1C	X	-.253	-.253	0	%100
86	MP1C	Z	-.438	-.438	0	%100
87	MP2C	X	-.306	-.306	0	%100
88	MP2C	Z	-.53	-.53	0	%100
89	MP3C	X	-.253	-.253	0	%100
90	MP3C	Z	-.438	-.438	0	%100
91	MP4C	X	-.253	-.253	0	%100
92	MP4C	Z	-.438	-.438	0	%100
93	MP1B	X	-.253	-.253	0	%100
94	MP1B	Z	-.438	-.438	0	%100
95	MP2B	X	-.306	-.306	0	%100
96	MP2B	Z	-.53	-.53	0	%100
97	MP3B	X	-.253	-.253	0	%100
98	MP3B	Z	-.438	-.438	0	%100
99	MP4B	X	-.253	-.253	0	%100
100	MP4B	Z	-.438	-.438	0	%100
101	M100A	X	0	0	0	%100
102	M100A	Z	0	0	0	%100
103	M101A	X	-.279	-.279	0	%100
104	M101A	Z	-.484	-.484	0	%100
105	M108	X	-.229	-.229	0	%100
106	M108	Z	-.397	-.397	0	%100
107	M114	X	-.306	-.306	0	%100
108	M114	Z	-.529	-.529	0	%100
109	M123	X	-.301	-.301	0	%100
110	M123	Z	-.522	-.522	0	%100
111	M132	X	-1.7e-5	-1.7e-5	0	%100
112	M132	Z	-3e-5	-3e-5	0	%100
113	M130A	X	0	0	0	%100
114	M130A	Z	0	0	0	%100
115	M131A	X	-.229	-.229	0	%100
116	M131A	Z	-.397	-.397	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	M42A	Y	-1.879	-4.428	0	.832
2	M42A	Y	-4.428	-7.042	.832	1.665
3	M42A	Y	-7.042	-8.256	1.665	2.497
4	M42A	Y	-8.256	-6.578	2.497	3.329
5	M42A	Y	-6.578	-3.47	3.329	4.162
6	M43A	Y	-3.463	-6.545	0	.832
7	M43A	Y	-6.545	-8.189	.832	1.665
8	M43A	Y	-8.189	-6.9	1.665	2.497
9	M43A	Y	-6.9	-4.227	2.497	3.329
10	M43A	Y	-4.227	-1.665	3.329	4.162
11	M31	Y	-1.884	-4.426	0	.832
12	M31	Y	-4.426	-7.044	.832	1.665
13	M31	Y	-7.044	-8.26	1.665	2.497
14	M31	Y	-8.26	-6.573	2.497	3.329
15	M31	Y	-6.573	-3.462	3.329	4.162
16	M32	Y	-3.463	-6.545	0	.832
17	M32	Y	-6.545	-8.189	.832	1.665
18	M32	Y	-8.189	-6.902	1.665	2.497
19	M32	Y	-6.902	-4.228	2.497	3.329
20	M32	Y	-4.228	-1.661	3.329	4.162
21	M68	Y	-1.665	-4.227	0	.832
22	M68	Y	-4.227	-6.9	.832	1.665
23	M68	Y	-6.9	-8.189	1.665	2.497
24	M68	Y	-8.189	-6.545	2.497	3.329
25	M68	Y	-6.545	-3.463	3.329	4.162
26	M69	Y	-3.47	-6.578	0	.832
27	M69	Y	-6.578	-8.256	.832	1.665
28	M69	Y	-8.256	-7.042	1.665	2.497
29	M69	Y	-7.042	-4.428	2.497	3.329
30	M69	Y	-4.428	-1.879	3.329	4.162

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	M42A	Y	-3.634	-8.563	0	.832
2	M42A	Y	-8.563	-13.617	.832	1.665
3	M42A	Y	-13.617	-15.966	1.665	2.497
4	M42A	Y	-15.966	-12.721	2.497	3.329
5	M42A	Y	-12.721	-6.71	3.329	4.162
6	M43A	Y	-6.696	-12.656	0	.832
7	M43A	Y	-12.656	-15.836	.832	1.665
8	M43A	Y	-15.836	-13.343	1.665	2.497
9	M43A	Y	-13.343	-8.174	2.497	3.329
10	M43A	Y	-8.174	-3.221	3.329	4.162
11	M31	Y	-3.644	-8.559	0	.832
12	M31	Y	-8.559	-13.623	.832	1.665
13	M31	Y	-13.623	-15.974	1.665	2.497
14	M31	Y	-15.974	-12.712	2.497	3.329
15	M31	Y	-12.712	-6.694	3.329	4.162
16	M32	Y	-6.697	-12.656	0	.832
17	M32	Y	-12.656	-15.835	.832	1.665
18	M32	Y	-15.835	-13.347	1.665	2.497
19	M32	Y	-13.347	-8.177	2.497	3.329
20	M32	Y	-8.177	-3.213	3.329	4.162
21	M68	Y	-3.221	-8.174	0	.832
22	M68	Y	-8.174	-13.343	.832	1.665
23	M68	Y	-13.343	-15.836	1.665	2.497
24	M68	Y	-15.836	-12.656	2.497	3.329
25	M68	Y	-12.656	-6.696	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
26	M69	Y	-6.71	-12.721	0	.832
27	M69	Y	-12.721	-15.966	.832	1.665
28	M69	Y	-15.966	-13.617	1.665	2.497
29	M69	Y	-13.617	-8.563	2.497	3.329
30	M69	Y	-8.563	-3.634	3.329	4.162

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	M42A	Y	-.082	-.192	0	.832
2	M42A	Y	-.192	-.306	.832	1.665
3	M42A	Y	-.306	-.359	1.665	2.497
4	M42A	Y	-.359	-.286	2.497	3.329
5	M42A	Y	-.286	-.151	3.329	4.162
6	M43A	Y	-.15	-.284	0	.832
7	M43A	Y	-.284	-.356	.832	1.665
8	M43A	Y	-.356	-.3	1.665	2.497
9	M43A	Y	-.3	-.184	2.497	3.329
10	M43A	Y	-.184	-.072	3.329	4.162
11	M31	Y	-.082	-.192	0	.832
12	M31	Y	-.192	-.306	.832	1.665
13	M31	Y	-.306	-.359	1.665	2.497
14	M31	Y	-.359	-.286	2.497	3.329
15	M31	Y	-.286	-.15	3.329	4.162
16	M32	Y	-.151	-.284	0	.832
17	M32	Y	-.284	-.356	.832	1.665
18	M32	Y	-.356	-.3	1.665	2.497
19	M32	Y	-.3	-.184	2.497	3.329
20	M32	Y	-.184	-.072	3.329	4.162
21	M68	Y	-.072	-.184	0	.832
22	M68	Y	-.184	-.3	.832	1.665
23	M68	Y	-.3	-.356	1.665	2.497
24	M68	Y	-.356	-.284	2.497	3.329
25	M68	Y	-.284	-.15	3.329	4.162
26	M69	Y	-.151	-.286	0	.832
27	M69	Y	-.286	-.359	.832	1.665
28	M69	Y	-.359	-.306	1.665	2.497
29	M69	Y	-.306	-.192	2.497	3.329
30	M69	Y	-.192	-.082	3.329	4.162

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	M42A	Z	-.205	-.482	0	.832
2	M42A	Z	-.482	-.766	.832	1.665
3	M42A	Z	-.766	-.899	1.665	2.497
4	M42A	Z	-.899	-.716	2.497	3.329
5	M42A	Z	-.716	-.378	3.329	4.162
6	M43A	Z	-.377	-.712	0	.832
7	M43A	Z	-.712	-.891	.832	1.665
8	M43A	Z	-.891	-.751	1.665	2.497
9	M43A	Z	-.751	-.46	2.497	3.329
10	M43A	Z	-.46	-.181	3.329	4.162
11	M31	Z	-.205	-.482	0	.832
12	M31	Z	-.482	-.767	.832	1.665
13	M31	Z	-.767	-.899	1.665	2.497
14	M31	Z	-.899	-.715	2.497	3.329
15	M31	Z	-.715	-.377	3.329	4.162
16	M32	Z	-.377	-.712	0	.832
17	M32	Z	-.712	-.891	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
18	M32	Z	-.891	-.751	1.665	2.497
19	M32	Z	-.751	-.46	2.497	3.329
20	M32	Z	-.46	-.181	3.329	4.162
21	M68	Z	-.181	-.46	0	.832
22	M68	Z	-.46	-.751	.832	1.665
23	M68	Z	-.751	-.891	1.665	2.497
24	M68	Z	-.891	-.712	2.497	3.329
25	M68	Z	-.712	-.377	3.329	4.162
26	M69	Z	-.378	-.716	0	.832
27	M69	Z	-.716	-.899	.832	1.665
28	M69	Z	-.899	-.766	1.665	2.497
29	M69	Z	-.766	-.482	2.497	3.329
30	M69	Z	-.482	-.205	3.329	4.162

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	M42A	X	.205	.482	0	.832
2	M42A	X	.482	.766	.832	1.665
3	M42A	X	.766	.899	1.665	2.497
4	M42A	X	.899	.716	2.497	3.329
5	M42A	X	.716	.378	3.329	4.162
6	M43A	X	.377	.712	0	.832
7	M43A	X	.712	.891	.832	1.665
8	M43A	X	.891	.751	1.665	2.497
9	M43A	X	.751	.46	2.497	3.329
10	M43A	X	.46	.181	3.329	4.162
11	M31	X	.205	.482	0	.832
12	M31	X	.482	.767	.832	1.665
13	M31	X	.767	.899	1.665	2.497
14	M31	X	.899	.715	2.497	3.329
15	M31	X	.715	.377	3.329	4.162
16	M32	X	.377	.712	0	.832
17	M32	X	.712	.891	.832	1.665
18	M32	X	.891	.751	1.665	2.497
19	M32	X	.751	.46	2.497	3.329
20	M32	X	.46	.181	3.329	4.162
21	M68	X	.181	.46	0	.832
22	M68	X	.46	.751	.832	1.665
23	M68	X	.751	.891	1.665	2.497
24	M68	X	.891	.712	2.497	3.329
25	M68	X	.712	.377	3.329	4.162
26	M69	X	.378	.716	0	.832
27	M69	X	.716	.899	.832	1.665
28	M69	X	.899	.766	1.665	2.497
29	M69	X	.766	.482	2.497	3.329
30	M69	X	.482	.205	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N60	N83	N81	Y	Two Way	-.005
2	N33	N32	N54	N56	Y	Two Way	-.005
3	N93A	N92A	N114	N116	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N60	N83	N81	Y	Two Way	-.01

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N33	N32	N54	N56	Y	Two Way	-.01
3	N93A	N92A	N114	N116	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N60	N83	N81	Y	Two Way	-.000226
2	N33	N32	N54	N56	Y	Two Way	-.000226
3	N93A	N92A	N114	N116	Y	Two Way	-.000226

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N60	N83	N81	Z	Two Way	-.000566
2	N33	N32	N54	N56	Z	Two Way	-.000566
3	N93A	N92A	N114	N116	Z	Two Way	-.000566

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N60	N83	N81	X	Two Way	.000566
2	N33	N32	N54	N56	X	Two Way	.000566
3	N93A	N92A	N114	N116	X	Two Way	.000566

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	N30	max	991.188	10	2571.752	13	2390.382	1	6.476	13	1.556	4	.128	29
2		min	-1001.069	4	528.617	7	-2364.496	7	.398	7	-1.534	10	-.2	11
3	N57A	max	2022.275	9	2422.472	21	1171.546	2	-.239	3	1.417	12	-.442	3
4		min	-1982.08	3	478.65	3	-1189.719	8	-3.081	21	-1.425	6	-5.56	21
5	N90	max	1905.408	11	2318.397	17	1173.26	12	-.15	11	1.228	8	5.207	17
6		min	-1936.258	5	426.848	11	-1175.094	6	-3.014	17	-1.242	2	.283	11
7	Totals:	max	4697.729	10	6907.71	19	4595.768	1						
8		min	-4697.729	4	2150.01	64	-4595.77	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	M25	HSS4X4X4	.407	0	13	.071	0	y	24	124657.7...	139518	16.181	16.181	2...	H1-1b
2	M26	L3X3X4	.881	2.375	14	.425	.223	z	7	41175.903	46656	1.688	3.756	1...	H2-1
3	M27	L3X3X4	.893	0	24	.405	2.152	z	7	41175.903	46656	1.688	3.756	1...	H2-1
4	M28	PL3/8x6	.244	.516	1	.282	.516	y	14	36639.477	72900	.57	9.113	1...	H1-1b
5	M31	L2x2x3	.275	4.162	8	.037	0	y	19	9823.122	23392.8	.558	1.076	1...	H2-1
6	M32	L2x2x3	.279	0	6	.037	4.162	y	19	9823.122	23392.8	.558	1.076	1...	H2-1
7	M36	PL3/8x6	.215	0	10	.488	0	y	18	70677.939	72900	.57	9.113	1...	H1-1b
8	M37	PL3/8x6	.233	.167	1	.244	0	y	14	71601.728	72900	.57	9.113	1...	H1-1b
9	M39	PL3/8x6	.107	.112	1	.145	0	y	11	72311.05	72900	.57	9.113	1...	H1-1b
10	M41	PL3/8x6	.203	0	1	.494	0	y	20	70677.939	72900	.57	9.113	1...	H1-1b
11	M42	PL3/8x6	.237	.167	1	.247	0	y	24	71601.728	72900	.57	9.113	1...	H1-1b
12	M44	PL3/8x6	.112	.112	1	.170	0	y	3	72311.05	72900	.57	9.113	1...	H1-1b
13	M73	PIPE_3.0	.115	1.76	49	.082	5.552		6	26386.722	65205	5.749	5.749	2...	H1-1b
14	MP1A	PIPE_2.0	.197	3.125	9	.095	1.188		7	20866.733	32130	1.872	1.872	1...	H1-1b
15	MP2A	PIPE_2.5	.208	5.167	10	.074	5.167		11	30038.461	50715	3.596	3.596	4...	H1-1b
16	MP3A	PIPE_2.0	.224	4.125	5	.077	4.125		2	20866.733	32130	1.872	1.872	3...	H1-1b
17	MP4A	PIPE_2.0	.153	3.125	10	.061	1.188		7	20866.733	32130	1.872	1.872	1...	H1-1b
18	OVP	PIPE_2.0	.082	3	12	.015	3		12	26521.424	32130	1.872	1.872	2...	H1-1b
19	M36A	HSS4X4X4	.397	0	21	.072	0	y	22	124657.7...	139518	16.181	16.181	2...	H1-1b
20	M37A	L3X3X4	.920	2.375	22	.439	.223	z	3	41175.903	46656	1.688	3.756	1...	H2-1

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	Eqn
21	M38A	L3X3X4	.871	0	20	.406	2.152	z	3	41175.903	46656	1.688	3.756	1....	H2-1
22	M39A	PL3/8x6	.246	.516	9	.288	.516	y	22	36639.477	72900	.57	9.113	1....	H1-1b
23	M42A	L2x2x3	.289	4.162	4	.037	0	y	15	9823.122	23392.8	.558	1.076	1....	H2-1
24	M43A	L2x2x3	.275	0	3	.036	4.162	y	15	9823.122	23392.8	.558	1.077	1....	H2-1
25	M47A	PL3/8x6	.231	0	7	.502	0	y	14	70677.939	72900	.57	9.113	2....	H1-1b
26	M48A	PL3/8x6	.248	.167	9	.254	0	y	22	71601.728	72900	.57	9.113	1....	H1-1b
27	M50	PL3/8x6	.110	.112	9	.152	0	y	7	72311.05	72900	.57	9.113	1....	H1-1b
28	M52	PL3/8x6	.193	0	9	.480	0	y	16	70677.939	72900	.57	9.113	1....	H1-1b
29	M53	PL3/8x6	.235	.167	9	.240	0	y	20	71601.728	72900	.57	9.113	1....	H1-1b
30	M55	PL3/8x6	.113	.112	9	.168	0	y	11	72311.05	72900	.57	9.113	1....	H1-1b
31	M62	HSS4X4X4	.376	0	17	.079	0	y	42	124657.7...	139518	16.181	16.181	2....	H1-1b
32	M63	L3X3X4	.870	2.375	18	.429	.223	z	11	41175.903	46656	1.688	3.756	1....	H2-1
33	M64	L3X3X4	.858	0	16	.401	2.152	z	11	41175.903	46656	1.688	3.756	1....	H2-1
34	M65	PL3/8x6	.245	.516	5	.273	.516	y	15	36639.477	72900	.57	9.113	1....	H1-1b
35	M68	L2x2x3	.275	4.162	12	.037	0	y	23	9823.122	23392.8	.558	1.076	1....	H2-1
36	M69	L2x2x3	.273	0	11	.035	4.162	y	23	9823.122	23392.8	.558	1.077	1....	H2-1
37	M73A	PL3/8x6	.190	0	3	.483	0	y	22	70677.939	72900	.57	9.113	2....	H1-1b
38	M74	PL3/8x6	.236	.167	11	.240	0	y	18	71601.728	72900	.57	9.113	1....	H1-1b
39	M76A	PL3/8x6	.111	.112	5	.259	0	y	27	72311.05	72900	.57	9.113	1....	H1-1b
40	M78A	PL3/8x6	.202	0	5	.465	0	y	24	70677.939	72900	.57	9.113	1....	H1-1b
41	M79	PL3/8x6	.237	.167	5	.236	0	y	16	71601.728	72900	.57	9.113	1....	H1-1b
42	M81	PL3/8x6	.113	.112	5	.164	0	y	7	72311.05	72900	.57	9.113	1....	H1-1b
43	MP1C	PIPE_2.0	.198	3.125	5	.090	1.188		3	20866.733	32130	1.872	1.872	1....	H1-1b
44	MP2C	PIPE_2.5	.211	5.167	5	.069	5.167		7	30038.461	50715	3.596	3.596	3....	H1-1b
45	MP3C	PIPE_2.0	.220	4.125	1	.083	4.125		10	20866.733	32130	1.872	1.872	3....	H1-1b
46	MP4C	PIPE_2.0	.150	3.125	6	.060	1.188		3	20866.733	32130	1.872	1.872	1....	H1-1b
47	MP1B	PIPE_2.0	.203	3.125	8	.093	1.188		11	20866.733	32130	1.872	1.872	1.7	H1-1b
48	MP2B	PIPE_2.5	.210	5.167	1	.074	3.917		9	30038.461	50715	3.596	3.596	4....	H1-1b
49	MP3B	PIPE_2.0	.226	4.125	9	.084	4.125		6	20866.733	32130	1.872	1.872	3....	H1-1b
50	MP4B	PIPE_2.0	.152	3.125	3	.063	1.188		11	20866.733	32130	1.872	1.872	1....	H1-1b
51	M100A	PIPE_3.0	.104	8.26	16	.077	5.552		2	26386.722	65205	5.749	5.749	2....	H1-1b
52	M101A	PIPE_3.0	.107	8.26	24	.086	5.552		10	26386.722	65205	5.749	5.749	2....	H1-1b
53	M108	PIPE_2.5	.145	2.604	10	.090	2.474		6	14558.792	50715	3.596	3.596	2....	H1-1b
54	M114	L3X3X4	.291	0	8	.027	0	y	8	39919.168	46656	1.688	3.756	2....	H2-1
55	M123	L3X3X4	.298	2.653	11	.028	0	y	10	39919.168	46656	1.688	3.756	2....	H2-1
56	M132	L3X3X4	.292	0	12	.028	0	y	6	39919.168	46656	1.688	3.756	2....	H2-1
57	M130A	PIPE_2.5	.145	2.604	11	.084	2.474		2	14558.792	50715	3.596	3.596	2....	H1-1b
58	M131A	PIPE_2.5	.139	2.604	8	.092	2.474		10	14558.792	50715	3.596	3.596	2....	H1-1b

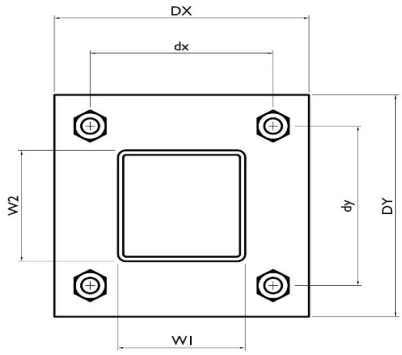
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/7/2023
Site Name:	WESTBROOK NE CT		
MDG #:	5000245119		
Fuze ID #:	17123845	Page:	1

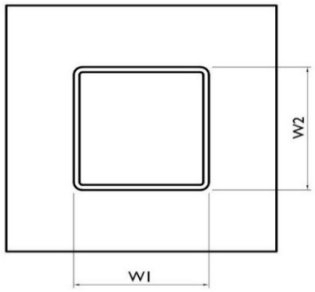
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	6.7
Required Shear Strength / bolt (kips):	0.7
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**32.3%**



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
W1(in):	4
W2 (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):	6.34
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	11.03
Phi*M_n (kip-in):	12.83
Plate Bending Utilization:	**85.9%**



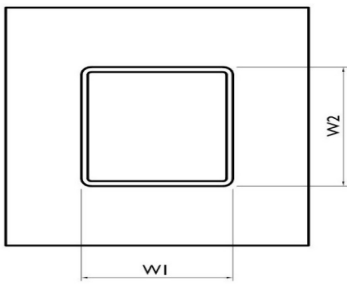
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/7/2023
Site Name:	WESTBROOK NE CT		
MDG #:	5000245119		
Fuze ID #:	17123845	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.49
Weld Capacity (kip/in):	5.57
Weld Utilization:	**44.6%**



Date: **January 22, 2024**

MORRISON HERSHFIELD

Morrison Hershfield
1455 Lincoln Parkway, Suite 500
Atlanta, GA 30346
(770) 379-8500

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000245119
	Site Name:	Westbrook NE CT
Crown Castle Designation:	**BU Number:**	876384
	Site Name:	Westbrook / Orsina.
	JDE Job Number:	751373
	Work Order Number:	2278847
	Order Number:	654600 Rev. 0
Engineering Firm Designation:	**Morrison Hershfield Project Number:** CN13-130 / 2400001	
Site Data:	**798 Toby Hill Road, Westbrook, Middlesex County, CT 06498**	
	Latitude *41° 19' 12.6"*, Longitude *-72° 26' 30"*	
	150 Foot – EEI Monopole Tower	

Morrison Hershfield is pleased to submit this **"Structural Analysis Report"** to determine the structural integrity of the above-mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration **Sufficient Capacity – 97.1%**

This analysis utilizes an ultimate 3-second gust wind speed of 124 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Respectfully submitted by:

STATE OF CONNECTICUT
G. LANCE COOKE
No. 28133
LICENSED PROFESSIONAL ENGINEER
EXP 1/31/2024

G. Lance Cooke
2024.01.22
09:13:31-08'00'

G. Lance Cooke, P.E. (CT License No. PEN.0028133)
Senior Engineer

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 150 ft monopole tower designed by Engineered Endeavors, Inc.

The tower was modified multiple times in the past to accommodate additional loading. All the modifications have been considered in this analysis per their respective post modification inspection reports.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	124 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
139.0	140.0	2	decibel	DB846F65ZAXY w/ Mount Pipe	13	1-5/8
		4	decibel	DB846H80E-SX w/ Mount Pipe		
		6	jma wireless	MX06FRO660-03 w/ Mount Pipe		
		3	samsung	MT6407-77A w/ Mount Pipe		
		2	kaelus	BSF0020F3V1		
		3	rfs/celwave	FDJ85020Q7-S1		
		3	samsung	RF4439D-25A		
		3	samsung	RF4440D-13A		
		1	raycap	RVZDC-6627-PF-48		
	139.0	1	tower mounts	Platform Mount [LP 304-1_HR-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
152.0	153.0	1	commscope	VV-65A-R1_TMO w/ Mount Pipe	3	1-5/8
		2	rfs/celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
	152.0	2	commscope	VV-65A-R1_TMO w/ Mount Pipe		
		3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe		
		1	rfs/celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		3	ericsson	RADIO 2X2212 B2		
		3	ericsson	RADIO 4415 B66A		
		3	ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		1	-	Platform Mount [LP 303-1_HR-1]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
132.0	133.0	3	cci antennas	DMP65R-BU6D w/ Mount Pipe	12 2 2 1	1-5/8 7/16 3/8 7/8
		3	cci antennas	OPA65R-BU6D w/ Mount Pipe		
		3	powerwave	7770.00 w/ Mount Pipe		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14		
		3	ericsson	RRUS 8843 B2/B66A		
		2	raycap	DC6-48-60-18-8F		
	132.0	1	-	Platform Mount [LP 304-1_KCKR-HR-1]		
120.0	122.0	3	jma wireless	MX08FRO665-21 w/ Mount Pipe	1	1-1/2
		3	fujitsu	TA08025-B604		
		3	fujitsu	TA08025-B605		
		1	raycap	RDIDC-9181-PF-48		
	120.0	1	tower mounts	Commscope MC-K6MHDX-9-96 (3)		
79.0	80.0	1	lucent	KS24019-L112A	1	1/2
	79.0	1	-	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	1615342	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1615435	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1615370	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2154747	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	5650397	CCISITES
4-POST-MODIFICATION INSPECTION	5840467	CCISITES

3.1) Analysis Method

tnxTower (version 8.2.2.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 standard.

TnxTower (version 8.2.2), was used to determine the loads on the modified structure. Additional calculations were performed to determine the stresses in the pole and in the reinforcing elements. These calculations are presented in Appendix C.

3.2) Assumptions

1) Tower and structures were maintained in accordance with the TIA-222 Standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. Morrison Hershfield should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
L1	150 - 145	Pole	TP14.117x13x0.1875	Pole	20.2	Pass
L2	145 - 140	Pole	TP15.234x14.117x0.1875	Pole	29.2	Pass
L3	140 - 136.29	Pole	TP16.639x15.234x0.1875	Pole	42.4	Pass
L4	136.29 - 131.29	Pole	TP16.795x15.686x0.3125	Pole	38.0	Pass
L5	131.29 - 126.29	Pole	TP17.904x16.795x0.3125	Pole	49.5	Pass
L6	126.29 - 121.29	Pole	TP19.013x17.904x0.3125	Pole	58.5	Pass
L7	121.29 - 116.29	Pole	TP20.122x19.013x0.3125	Pole	67.4	Pass
L8	116.29 - 111.29	Pole	TP21.231x20.122x0.3125	Pole	74.5	Pass
L9	111.29 - 108	Pole	TP21.961x21.231x0.3125	Pole	78.3	Pass
L10	108 - 107.75	Pole + Reinf.	TP22.017x21.961x0.6375	Reinf. 9 Tension Rupture	64.4	Pass
L11	107.75 - 102.75	Pole + Reinf.	TP23.125x22.017x0.6125	Reinf. 9 Tension Rupture	70.1	Pass
L12	102.75 - 97.75	Pole + Reinf.	TP24.234x23.125x0.6	Reinf. 9 Tension Rupture	75.1	Pass
L13	97.75 - 92.75	Pole + Reinf.	TP25.343x24.234x0.5875	Reinf. 9 Tension Rupture	79.5	Pass
L14	92.75 - 91.92	Pole + Reinf.	TP26.378x25.343x0.5875	Reinf. 9 Tension Rupture	80.1	Pass
L15	91.92 - 86.92	Pole + Reinf.	TP26.011x24.903x0.6375	Reinf. 9 Tension Rupture	78.6	Pass
L16	86.92 - 83	Pole + Reinf.	TP26.88x26.011x0.625	Reinf. 9 Tension Rupture	80.8	Pass
L17	83 - 82.75	Pole + Reinf.	TP26.935x26.88x0.6625	Reinf. 5 Tension Rupture	80.7	Pass
L18	82.75 - 77.75	Pole + Reinf.	TP28.043x26.935x0.65	Reinf. 5 Tension Rupture	83.1	Pass
L19	77.75 - 77	Pole + Reinf.	TP28.21x28.043x0.6375	Reinf. 5 Tension Rupture	83.5	Pass
L20	77 - 76.75	Pole + Reinf.	TP28.265x28.21x0.6125	Reinf. 5 Tension Rupture	83.8	Pass
L21	76.75 - 75	Pole + Reinf.	TP28.653x28.265x0.6125	Reinf. 5 Tension Rupture	84.5	Pass
L22	75 - 74.75	Pole + Reinf.	TP28.708x28.653x0.6375	Reinf. 5 Tension Rupture	84.4	Pass
L23	74.75 - 69.75	Pole + Reinf.	TP29.817x28.708x0.625	Reinf. 5 Tension Rupture	86.3	Pass
L24	69.75 - 64.75	Pole + Reinf.	TP30.925x29.817x0.6125	Reinf. 5 Tension Rupture	88.0	Pass
L25	64.75 - 63	Pole + Reinf.	TP31.313x30.925x0.6125	Reinf. 5 Tension Rupture	88.5	Pass
L26	63 - 62.75	Pole + Reinf.	TP31.368x31.313x0.5875	Reinf. 3 Tension Rupture	88.7	Pass
L27	62.75 - 57.75	Pole + Reinf.	TP32.477x31.368x0.575	Reinf. 3 Tension Rupture	90.0	Pass
L28	57.75 - 52.75	Pole + Reinf.	TP33.585x32.477x0.575	Reinf. 3 Tension Rupture	91.1	Pass
L29	52.75 - 48.5	Pole + Reinf.	TP35.637x33.585x0.5625	Reinf. 3 Tension Rupture	91.8	Pass
L30	48.5 - 42.5	Pole + Reinf.	TP35.105x33.778x0.5625	Reinf. 3 Tension Rupture	96.2	Pass
L31	42.5 - 37.5	Pole + Reinf.	TP36.21x35.105x0.55	Reinf. 3 Tension Rupture	96.7	Pass
L32	37.5 - 33	Pole + Reinf.	TP37.204x36.21x0.55	Reinf. 3 Tension Rupture	97.1	Pass
L33	33 - 32.75	Pole + Reinf.	TP37.259x37.204x0.6625	Reinf. 4 Tension Rupture	83.1	Pass
L34	32.75 - 32	Pole + Reinf.	TP37.425x37.259x0.6625	Reinf. 4 Tension Rupture	83.2	Pass
L35	32 - 31.75	Pole + Reinf.	TP37.481x37.425x0.5875	Reinf. 4 Tension Rupture	85.7	Pass
L36	31.75 - 28	Pole + Reinf.	TP38.31x37.481x0.575	Reinf. 4 Tension Rupture	86.0	Pass
L37	28 - 27.75	Pole + Reinf.	TP38.365x38.31x0.575	Reinf. 2 Tension Rupture	86.0	Pass
L38	27.75 - 22.75	Pole + Reinf.	TP39.47x38.365x0.575	Reinf. 2 Tension Rupture	86.3	Pass
L39	22.75 - 17.75	Pole + Reinf.	TP40.576x39.47x0.5625	Reinf. 2 Tension Rupture	86.5	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
L40	17.75 - 12.75	Pole + Reinf.	TP41.681x40.576x0.5625	Reinf. 2 Tension Rupture	86.6	Pass
L41	12.75 - 7.75	Pole + Reinf.	TP42.787x41.681x0.55	Reinf. 2 Tension Rupture	86.7	Pass
L42	7.75 - 2.75	Pole + Reinf.	TP43.892x42.787x0.55	Reinf. 2 Tension Rupture	86.7	Pass
L43	2.75 - 0	Pole + Reinf.	TP44.5x43.892x0.55	Reinf. 2 Tension Rupture	86.7	Pass
					Summary	
				Pole	78.3	Pass
				Reinforcement	97.1	Pass
				Overall	97.1	Pass

Table 5 - Tower Component Stresses vs. Capacity – LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	89.6	Pass
1	Base Plate		82.5	Pass
1	Base Foundation (Structure)	0	91.3	Pass
1	Base Foundation (Soil Interaction)		60.7	Pass

Structure Rating (max from all components) =	97.1%*

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed.
2) *Rating per TIA-222-H, Section 15.5.

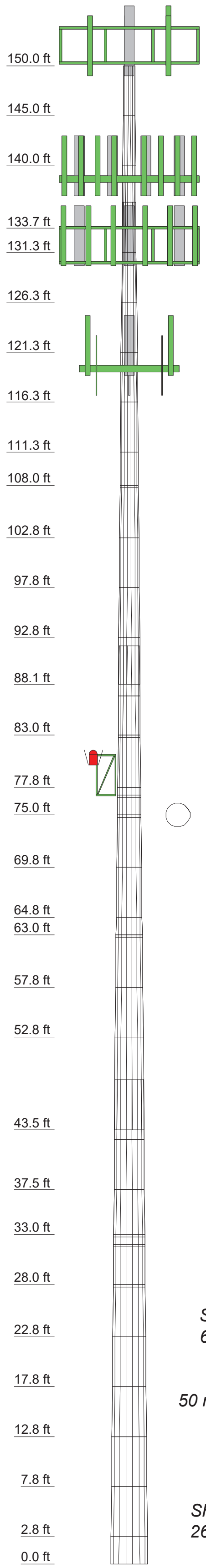
4.1) Recommendations

The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	5.00	18	0.1875		13.0000	14.1168		0.1
2	5.00	18	0.1875		14.1168	15.2336		0.1
3	6.29	18	0.1875	2.58	15.2336	16.6385		0.2
4	5.00	18	0.3125		[illegible]	[illegible]		0.3
5	5.00	18	0.3125		16.7954	17.9042		0.3
6	5.00	18	0.3125		17.9042	19.0131		0.3
7	5.00	18	0.3125		19.0131	20.1219		0.3
8	5.00	18	0.3125		20.1219	21.2308		0.3
9	[illegible]	18	[illegible]		[illegible]	[illegible]		0.2
10	[illegible]	18	[illegible]		[illegible]	[illegible]		0.0
11	5.00	18	[illegible]		[illegible]	[illegible]		0.7
12	5.00	18	0.6000		23.1254	24.2343		0.7
13	5.00	18	0.5875		24.2343	25.3432		0.7
14	[illegible]	18	[illegible]	3.83	[illegible]	[illegible]		0.7
15	[illegible]	18	[illegible]		[illegible]	[illegible]		0.8
16	[illegible]	18	[illegible]		[illegible]	[illegible]		0.6
17	[illegible]	18	[illegible]		[illegible]	[illegible]		0.0
18	5.00	18	[illegible]		[illegible]	[illegible]		0.9
19	[illegible]	18	[illegible]		[illegible]	[illegible]		[illegible]
20	[illegible]	18	[illegible]		[illegible]	[illegible]		[illegible]
21	[illegible]	18	[illegible]		[illegible]	[illegible]	A572-65	[illegible]
22	[illegible]	18	[illegible]		[illegible]	[illegible]		0.0
23	5.00	18	[illegible]		[illegible]	[illegible]		1.0
24	5.00	18	0.6125		[illegible]	[illegible]		1.0
25	[illegible]	18	[illegible]		[illegible]	[illegible]		0.4
26	[illegible]	18	[illegible]		[illegible]	[illegible]		0.0
27	5.00	18	[illegible]		[illegible]	[illegible]		0.9
28	5.00	18	0.5750		32.4769	33.5853		1.0
29	9.25	18	0.5625	5.00	33.5853	35.6365		1.9
30	6.00	18	[illegible]		[illegible]	[illegible]		1.2
31	5.00	18	[illegible]		[illegible]	[illegible]		1.0
32	[illegible]	18	[illegible]		[illegible]	[illegible]		0.9
33	[illegible]	18	[illegible]		[illegible]	[illegible]		[illegible]
34	[illegible]	18	[illegible]		[illegible]	[illegible]		[illegible]
35	[illegible]	18	[illegible]		[illegible]	[illegible]		[illegible]
36	[illegible]	18	[illegible]		[illegible]	[illegible]		0.9
37	[illegible]	18	[illegible]		[illegible]	[illegible]		[illegible]
38	5.00	18	[illegible]		[illegible]	[illegible]		1.2
39	5.00	18	0.5625		39.4703	40.5757		1.2
40	5.00	18	0.5625		40.5757	41.6812		1.2
41	5.00	18	0.5500		41.6812	42.7866		1.3
42	5.00	18	0.5500		42.7866	43.8920		1.3
43	2.75	18	0.5500		43.8920	44.5000		0.7
								25.4



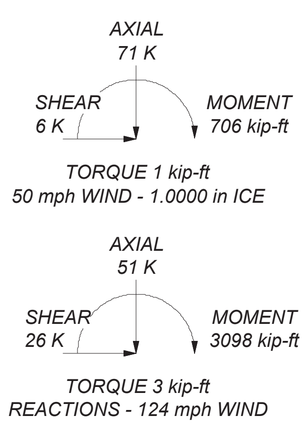
MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Middlesex County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 124 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 II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. CCI POLE RATING: 97.1%

ALL REACTIONS ARE FACTORED



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Consulting Engineers

Job: **CN13-130 / 2400001**		
Project: **876384 / Westbrook / Orsina**		
Client: Crown Castle USA	Drawn by: SK	App'd:
Code: TIA-222-H	Date: 01/22/24	Scale: NTS
Path: C:\Users\SKethavarapu\Desktop\Jobs\Crown SA Engg\CN13-130 SA\Analysis\CN13-130 BU 876384 WO 2278847.eri		Dwg No. E-1

Tower Input Data

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

- Tower is located in Middlesex County, Connecticut.
- Tower base elevation above sea level: 160.00 ft.
- Basic wind speed of 124 mph.
- Risk Category II.
- Exposure Category B.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 1.0000 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: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
- Maximum demand-capacity ratio is: 1.05.
- Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	*Elevation*	*Section Length*	*Splice Length*	*Number of Sides*	*Top Diameter*	*Bottom Diameter*	*Wall Thickness*	*Bend Radius*	*Pole Grade*
	ft	*ft*	*ft*		*in*	*in*	*in*	*in*	
L1	150.00-145.00	5.00	0.00	18	13.0000	14.1168	0.1875	0.7500	A572-65 (65 ksi)
L2	145.00-140.00	5.00	0.00	18	14.1168	15.2336	0.1875	0.7500	A572-65 (65 ksi)
L3	140.00-133.71	6.29	2.58	18	15.2336	16.6385	0.1875	0.7500	A572-65 (65 ksi)
L4	133.71-131.29	5.00	0.00	18	15.6865	16.7954	0.3125	1.2500	A572-65 (65 ksi)

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
L5	131.29-126.29	5.00	0.00	18	16.7954	17.9042	0.3125	1.2500	A572-65 (65 ksi)
L6	126.29-121.29	5.00	0.00	18	17.9042	19.0131	0.3125	1.2500	A572-65 (65 ksi)
L7	121.29-116.29	5.00	0.00	18	19.0131	20.1219	0.3125	1.2500	A572-65 (65 ksi)
L8	116.29-111.29	5.00	0.00	18	20.1219	21.2308	0.3125	1.2500	A572-65 (65 ksi)
L9	111.29-108.00	3.29	0.00	18	21.2308	21.9611	0.3125	1.2500	A572-65 (65 ksi)
L10	108.00-107.75	0.25	0.00	18	21.9611	22.0166	0.6375	2.5500	A572-65 (65 ksi)
L11	107.75-102.75	5.00	0.00	18	22.0166	23.1254	0.6125	2.4500	A572-65 (65 ksi)
L12	102.75-97.75	5.00	0.00	18	23.1254	24.2343	0.6000	2.4000	A572-65 (65 ksi)
L13	97.75-92.75	5.00	0.00	18	24.2343	25.3432	0.5875	2.3500	A572-65 (65 ksi)
L14	92.75-88.08	4.67	3.83	18	25.3432	26.3781	0.5875	2.3500	A572-65 (65 ksi)
L15	88.08-86.92	5.00	0.00	18	24.9030	26.0114	0.6375	2.5500	A572-65 (65 ksi)
L16	86.92-83.00	3.92	0.00	18	26.0114	26.8796	0.6250	2.5000	A572-65 (65 ksi)
L17	83.00-82.75	0.25	0.00	18	26.8796	26.9350	0.6625	2.6500	A572-65 (65 ksi)
L18	82.75-77.75	5.00	0.00	18	26.9350	28.0434	0.6500	2.6000	A572-65 (65 ksi)
L19	77.75-77.00	0.75	0.00	18	28.0434	28.2096	0.6375	2.5500	A572-65 (65 ksi)
L20	77.00-76.75	0.25	0.00	18	28.2096	28.2650	0.6125	2.4500	A572-65 (65 ksi)
L21	76.75-75.00	1.75	0.00	18	28.2650	28.6530	0.6125	2.4500	A572-65 (65 ksi)
L22	75.00-74.75	0.25	0.00	18	28.6530	28.7084	0.6375	2.5500	A572-65 (65 ksi)
L23	74.75-69.75	5.00	0.00	18	28.7084	29.8168	0.6250	2.5000	A572-65 (65 ksi)
L24	69.75-64.75	5.00	0.00	18	29.8168	30.9251	0.6125	2.4500	A572-65 (65 ksi)
L25	64.75-63.00	1.75	0.00	18	30.9251	31.3131	0.6125	2.4500	A572-65 (65 ksi)
L26	63.00-62.75	0.25	0.00	18	31.3131	31.3685	0.5875	2.3500	A572-65 (65 ksi)
L27	62.75-57.75	5.00	0.00	18	31.3685	32.4769	0.5750	2.3000	A572-65 (65 ksi)
L28	57.75-52.75	5.00	0.00	18	32.4769	33.5853	0.5750	2.3000	A572-65 (65 ksi)
L29	52.75-43.50	9.25	5.00	18	33.5853	35.6365	0.5625	2.2500	A572-65 (65 ksi)
L30	43.50-42.50	6.00	0.00	18	33.7781	35.1046	0.5625	2.2500	A572-65 (65 ksi)
L31	42.50-37.50	5.00	0.00	18	35.1046	36.2101	0.5500	2.2000	A572-65 (65 ksi)
L32	37.50-33.00	4.50	0.00	18	36.2101	37.2042	0.5500	2.2000	A572-65 (65 ksi)
L33	33.00-32.75	0.25	0.00	18	37.2042	37.2595	0.6625	2.6500	A572-65 (65 ksi)
L34	32.75-32.00	0.75	0.00	18	37.2595	37.4253	0.6625	2.6500	A572-65 (65 ksi)
L35	32.00-31.75	0.25	0.00	18	37.4253	37.4805	0.5875	2.3500	A572-65 (65 ksi)
L36	31.75-28.00	3.75	0.00	18	37.4805	38.3096	0.5750	2.3000	A572-65 (65 ksi)
L37	28.00-27.75	0.25	0.00	18	38.3096	38.3649	0.5750	2.3000	A572-65 (65 ksi)
L38	27.75-22.75	5.00	0.00	18	38.3649	39.4703	0.5750	2.3000	A572-65 (65 ksi)
L39	22.75-17.75	5.00	0.00	18	39.4703	40.5757	0.5625	2.2500	A572-65

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
L40	17.75-12.75	5.00	0.00	18	40.5757	41.6812	0.5625	2.2500	(65 ksi) A572-65 (65 ksi)
L41	12.75-7.75	5.00	0.00	18	41.6812	42.7866	0.5500	2.2000	A572-65 (65 ksi)
L42	7.75-2.75	5.00	0.00	18	42.7866	43.8920	0.5500	2.2000	A572-65 (65 ksi)
L43	2.75-0.00	2.75		18	43.8920	44.5000	0.5500	2.2000	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	13.1716	7.6250	158.1420	4.5484	6.6040	23.9464	316.4921	3.8132	1.9580	10.443
	14.3056	8.2897	203.2041	4.9449	7.1713	28.3356	406.6756	4.1456	2.1546	11.491
L2	14.3056	8.2897	203.2041	4.9449	7.1713	28.3356	406.6756	4.1456	2.1546	11.491
	15.4397	8.9543	256.1036	5.3414	7.7387	33.0941	512.5442	4.4780	2.3511	12.539
L3	15.4397	8.9543	256.1036	5.3414	7.7387	33.0941	512.5442	4.4780	2.3511	12.539
	16.8663	9.7904	334.7515	5.8401	8.4524	39.6045	669.9435	4.8961	2.5984	13.858
L4	16.4620	15.2491	455.3602	5.4578	7.9687	57.1433	911.3195	7.6260	2.2108	7.075
	17.0062	16.3489	561.1667	5.8514	8.5320	65.7717	1123.0717	8.1760	2.4060	7.699
L5	17.0062	16.3489	561.1667	5.8514	8.5320	65.7717	1123.0717	8.1760	2.4060	7.699
	18.1322	17.4488	682.2112	6.2451	9.0953	75.0067	1365.3201	8.7260	2.6011	8.324
L6	18.1322	17.4488	682.2112	6.2451	9.0953	75.0067	1365.3201	8.7260	2.6011	8.324
	19.2582	18.5486	819.5189	6.6387	9.6586	84.8483	1640.1162	9.2761	2.7963	8.948
L7	19.2582	18.5486	819.5189	6.6387	9.6586	84.8483	1640.1162	9.2761	2.7963	8.948
	20.3841	19.6485	974.1149	7.0323	10.2219	95.2965	1949.5116	9.8261	2.9915	9.573
L8	20.3841	19.6485	974.1149	7.0323	10.2219	95.2965	1949.5116	9.8261	2.9915	9.573
	21.5101	20.7483	1147.0243	7.4260	10.7852	106.3513	2295.5579	10.3761	3.1866	10.197
L9	21.5101	20.7483	1147.0243	7.4260	10.7852	106.3513	2295.5579	10.3761	3.1866	10.197
	22.2517	21.4727	1271.4127	7.6853	11.1563	113.9640	2544.4984	10.7384	3.3152	10.609
L10	22.2016	43.1468	2478.6140	7.5699	11.1563	222.1724	4960.4894	21.5775	2.7432	4.303
	22.2579	43.2590	2497.9980	7.5896	11.1844	223.3461	4999.2829	21.6336	2.7529	4.318
L11	22.2617	41.6112	2408.4667	7.5985	11.1844	215.3411	4820.1026	20.8095	2.7969	4.566
	23.3877	43.7669	2802.5115	7.9921	11.7477	238.5578	5608.7105	21.8876	2.9921	4.885
L12	23.3896	42.8975	2749.8928	7.9965	11.7477	234.0787	5503.4039	21.4528	3.0141	5.023
	24.5156	45.0092	3176.3179	8.3902	12.3110	258.0060	6356.8153	22.5089	3.2092	5.349
L13	24.5175	44.0948	3115.0820	8.3946	12.3110	253.0319	6234.2630	22.0516	3.2312	5.5
	25.6435	46.1625	3574.1742	8.7883	12.8743	277.6203	7153.0514	23.0856	3.4264	5.832
L14	25.6435	46.1625	3574.1742	8.7883	12.8743	277.6203	7153.0514	23.0856	3.4264	5.832
	26.6944	48.0924	4041.4441	9.1557	13.4001	301.5986	8088.2061	24.0508	3.6085	6.142
L15	26.0517	49.0994	3652.5102	8.6142	12.6507	288.7196	7309.8264	24.5544	3.2609	5.115
	26.3143	51.3421	4176.2278	9.0077	13.2138	316.0512	8357.9508	25.6759	3.4560	5.421
L16	26.3162	50.3602	4100.3950	9.0122	13.2138	310.3123	8206.1854	25.1849	3.4780	5.565
	27.1978	52.0825	4535.6472	9.3204	13.6548	332.1645	9077.2626	26.0462	3.6308	5.809
L17	27.1920	55.1286	4787.2143	9.3071	13.6548	350.5878	9580.7277	27.5695	3.5648	5.381
	27.2483	55.2451	4817.6369	9.3267	13.6830	352.0898	9641.6129	27.6278	3.5746	5.396
L18	27.2502	54.2286	4733.4880	9.3312	13.6830	345.9399	9473.2044	27.1194	3.5966	5.533
	28.3757	56.5153	5357.8929	9.7246	14.2460	376.0972	10722.8358	28.2630	3.7916	5.833
L19	28.3776	55.4537	5262.0533	9.7291	14.2460	369.3698	10531.0306	27.7321	3.8136	5.982
	28.5465	55.7901	5358.4018	9.7881	14.3305	373.9162	10723.8544	27.9004	3.8429	6.028
L20	28.5503	53.6509	5162.2851	9.7970	14.3305	360.2309	10331.3629	26.8305	3.8869	6.346
	28.6066	53.7586	5193.4475	9.8167	14.3586	361.6949	10393.7286	26.8844	3.8966	6.362
L21	28.6066	53.7586	5193.4475	9.8167	14.3586	361.6949	10393.7286	26.8844	3.8966	6.362
	29.0005	54.5128	5415.1010	9.9544	14.5557	372.0259	10837.3274	27.2616	3.9649	6.473
L22	28.9966	56.6872	5621.0640	9.9455	14.5557	386.1758	11249.5244	28.3490	3.9209	6.15
	29.0529	56.7993	5654.4881	9.9652	14.5839	387.7222	11316.4165	28.4051	3.9307	6.166
L23	29.0549	55.7104	5551.0248	9.9696	14.5839	380.6278	11109.3538	27.8605	3.9527	6.324
	30.1803	57.9092	6234.5587	10.3631	15.1469	411.6057	12477.3211	28.9601	4.1478	6.636
L24	30.1823	56.7753	6117.7197	10.3675	15.1469	403.8920	12243.4893	28.3930	4.1698	6.808
	31.3077	58.9301	6841.0388	10.7610	15.7100	435.4583	13691.0792	29.4706	4.3648	7.126
L25	31.3077	58.9301	6841.0388	10.7610	15.7100	435.4583	13691.0792	29.4706	4.3648	7.126
	31.7016	59.6842	7107.0630	10.8987	15.9070	446.7872	14223.4776	29.8478	4.4331	7.238
L26	31.7055	57.2948	6833.6459	10.9076	15.9070	429.5987	13676.2837	28.6528	4.4771	7.621
	31.7618	57.3981	6870.6890	10.9273	15.9352	431.1644	13750.4186	28.7045	4.4869	7.637

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
L27	31.7637	56.1997	6732.6998	10.9317	15.9352	422.5050	13474.2587	28.1052	4.5089	7.841
	32.8892	58.2225	7486.1893	11.3252	16.4983	453.7565	14982.2291	29.1168	4.7039	8.181
L28	32.8892	58.2225	7486.1893	11.3252	16.4983	453.7565	14982.2291	29.1168	4.7039	8.181
	34.0147	60.2454	8293.8974	11.7186	17.0613	486.1232	16598.7081	30.1284	4.8990	8.52
L29	34.0166	58.9580	8122.8159	11.7231	17.0613	476.0958	16256.3200	29.4846	4.9210	8.748
	36.0995	62.6202	9732.4637	12.4513	18.1033	537.6059	19477.7336	31.3161	5.2820	9.39
L30	35.3349	59.3023	8265.9761	11.7915	17.1593	481.7203	16542.8288	29.6568	4.9549	8.809
	35.5594	61.6707	9296.3912	12.2625	17.8332	521.2982	18605.0149	30.8412	5.1884	9.224
L31	35.5613	60.3220	9099.6765	12.2669	17.8332	510.2674	18211.3266	30.1667	5.2104	9.473
	36.6838	62.2518	10001.2267	12.6593	18.3947	543.7012	20015.6132	31.1318	5.4050	9.827
L32	36.6838	62.2518	10001.2267	12.6593	18.3947	543.7012	20015.6132	31.1318	5.4050	9.827
	37.6933	63.9872	10861.2042	13.0122	18.8997	574.6751	21736.6998	31.9997	5.5799	10.145
L33	37.6759	76.8390	12962.7211	12.9723	18.8997	685.8681	25942.4989	38.4268	5.3819	8.124
	37.7320	76.9552	13021.6314	12.9919	18.9278	687.9630	26060.3969	38.4849	5.3917	8.138
L34	37.7320	76.9552	13021.6314	12.9919	18.9278	687.9630	26060.3969	38.4849	5.3917	8.138
	37.9004	77.3038	13199.4292	13.0508	19.0120	694.2668	26416.2265	38.6593	5.4208	8.182
L35	37.9120	68.6923	11776.9397	13.0774	19.0120	619.4464	23569.3758	34.3527	5.5528	9.452
	37.9681	68.7954	11830.0302	13.0970	19.0401	621.3213	23675.6267	34.4042	5.5626	9.468
L36	37.9700	67.3545	11590.1003	13.1015	19.0401	608.7200	23195.4511	33.6836	5.5846	9.712
	38.8119	68.8676	12388.8803	13.3958	19.4613	636.5911	24794.0622	34.4403	5.7305	9.966
L37	38.8119	68.8676	12388.8803	13.3958	19.4613	636.5911	24794.0622	34.4403	5.7305	9.966
	38.8680	68.9684	12443.3991	13.4154	19.4894	638.4713	24903.1716	34.4908	5.7402	9.983
L38	38.8680	68.9684	12443.3991	13.4154	19.4894	638.4713	24903.1716	34.4908	5.7402	9.983
	39.9905	70.9859	13567.6322	13.8078	20.0509	676.6589	27153.1171	35.4997	5.9348	10.321
L39	39.9924	69.4650	13285.4844	13.8123	20.0509	662.5873	26588.4501	34.7391	5.9568	10.59
	41.1149	71.4386	14450.3386	14.2047	20.6125	701.0482	28919.6913	35.7261	6.1513	10.936
L40	41.1149	71.4386	14450.3386	14.2047	20.6125	701.0482	28919.6913	35.7261	6.1513	10.936
	42.2374	73.4122	15681.3669	14.5971	21.1740	740.5943	31383.3678	36.7131	6.3459	11.282
L41	42.2393	71.8027	15346.8799	14.6016	21.1740	724.7972	30713.9536	35.9082	6.3679	11.578
	43.3618	73.7324	16617.8030	14.9940	21.7356	764.5435	33257.4721	36.8732	6.5624	11.932
L42	43.3618	73.7324	16617.8030	14.9940	21.7356	764.5435	33257.4721	36.8732	6.5624	11.932
	44.4843	75.6622	17957.0250	15.3864	22.2971	805.3509	35937.6782	37.8383	6.7570	12.285
L43	44.4843	75.6622	17957.0250	15.3864	22.2971	805.3509	35937.6782	37.8383	6.7570	12.285
	45.1016	76.7235	18723.3562	15.6022	22.6060	828.2472	37471.3491	38.3690	6.8640	12.48

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 150.00-145.00				1	1	1			
L2 145.00-140.00				1	1	1			
L3 140.00-133.71				1	1	1			
L4 133.71-131.29				1	1	1			
L5 131.29-126.29				1	1	1			
L6 126.29-121.29				1	1	1			
L7 121.29-116.29				1	1	1			
L8 116.29-111.29				1	1	1			
L9 111.29-108.00				1	1	1			
L10 108.00-107.75				1	1	0.913761			
L11 107.75-102.75				1	1	0.928288			
L12 102.75-97.75				1	1	0.927102			
L13 97.75-92.75				1	1	0.927765			
L14 92.75-88.08				1	1	0.924831			
L15 88.08-86.92				1	1	0.944923			
L16 86.92-83.00				1	1	0.951331			
L17 83.00-82.75				1	1	1.00667			
L18 82.75-77.75				1	1	1.00739			
L19 77.75-77.00				1	1	1.02404			
L20 77.00-76.75				1	1	0.952345			
L21 76.75-75.00				1	1	0.94764			
L22 75.00-74.75				1	1	1.01629			
L23 74.75-69.75				1	1	1.0196			
L24 69.75-64.75				1	1	1.02432			
L25 64.75-63.00				1	1	1.01911			
L26 63.00-62.75				1	1	0.956315			
L27 62.75-57.75				1	1	0.965432			
L28 57.75-52.75				1	1	0.954914			

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L29 52.75-43.50				1	1	0.967185			
L30 43.50-42.50				1	1	0.962169			
L31 42.50-37.50				1	1	0.974323			
L32 37.50-33.00				1	1	0.96639			
L33 33.00-32.75				1	1	0.960336			
L34 32.75-32.00				1	1	0.958557			
L35 32.00-31.75				1	1	0.990848			
L36 31.75-28.00				1	1	1.00414			
L37 28.00-27.75				1	1	1.00362			
L38 27.75-22.75				1	1	0.993635			
L39 22.75-17.75				1	1	1.00575			
L40 17.75-12.75				1	1	0.996639			
L41 12.75-7.75				1	1	1.01016			
L42 7.75-2.75				1	1	1.00178			
L43 2.75-0.00				1	1	0.997356			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
***										
Step Pegs	B	No	Surface Ar (CaAa)	150.00 - 10.00	1	1	-0.500 -0.400	0.7050		1.80
******										
HB158-21U6S24-xxM_TMO(1-5/8)	A	No	Surface Ar (CaAa)	150.00 - 6.00	3	3	-0.500 -0.350	1.9960		2.50
FB-L98B-002-75000(3/8)	B	No	Surface Ar (CaAa)	132.00 - 6.00	2	2	0.000 0.040	0.3937		0.06
WR-VG122ST-BRDA(7/16)	B	No	Surface Ar (CaAa)	132.00 - 6.00	2	2	0.000 0.040	0.4600		0.14
WR-VG66ST-BRD(7/8)	B	No	Surface Ar (CaAa)	132.00 - 6.00	1	1	-0.020 -0.020	0.9570		0.91
******										
CU12PSM9P6XXX(1-1/2)	B	No	Surface Ar (CaAa)	120.00 - 6.00	1	1	-0.200 -0.180	1.6000		2.35
******										
CCI-SFP-060100	A	No	Surface Af (CaAa)	32.00 - 0.00	1	1	0.400 0.400	6.0000	14.0000	0.00
CCI-SFP-060100	A	No	Surface Af (CaAa)	32.00 - 0.00	1	1	-0.400 -0.400	6.0000	14.0000	0.00
CCI-SFP-060100	B	No	Surface Af (CaAa)	30.00 - 0.00	1	1	0.400 0.400	6.0000	14.0000	0.00
CCI-SFP-060100	C	No	Surface Af (CaAa)	30.00 - 0.00	1	1	-0.400 -0.400	6.0000	14.0000	0.00
******										
CCI-SFP-060100	A	No	Surface Af (CaAa)	110.00 - 30.00	1	1	0.250 0.250	6.0000	14.0000	0.00
CCI-SFP-060100	B	No	Surface Af (CaAa)	110.00 - 30.00	1	1	0.300 0.300	6.0000	14.0000	0.00
CCI-SFP-060100	C	No	Surface Af (CaAa)	110.00 - 30.00	1	1	0.100 0.100	6.0000	14.0000	0.00
******										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
******									
LCF158-50JA-A7(1-5/8)	C	No	No	Inside Pole	139.00 - 6.00	6	No Ice	0.00	0.72
							1/2" Ice	0.00	0.72
							1" Ice	0.00	0.72
***									
HB158-U12S24-XXX-LI(1-5/8)	C	No	No	Inside Pole	139.00 - 6.00	1	No Ice	0.00	3.20
							1/2" Ice	0.00	3.20
							1" Ice	0.00	3.20
LCF158-50JA-A7(1-5/8)	C	No	No	Inside Pole	139.00 - 6.00	6	No Ice	0.00	0.72
							1/2" Ice	0.00	0.72
							1" Ice	0.00	0.72
******									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	132.00 - 6.00	12	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
******									
LDF4-50A(1/2)	A	No	No	Inside Pole	79.00 - 6.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
******									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	150.00-145.00	A	0.000	0.000	2.994	0.000	0.04
		B	0.000	0.000	0.352	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.00
L2	145.00-140.00	A	0.000	0.000	2.994	0.000	0.04
		B	0.000	0.000	0.352	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.00
L3	140.00-133.71	A	0.000	0.000	3.766	0.000	0.05
		B	0.000	0.000	0.443	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.06
L4	133.71-131.29	A	0.000	0.000	1.447	0.000	0.02
		B	0.000	0.000	0.359	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.03
L5	131.29-126.29	A	0.000	0.000	2.994	0.000	0.04
		B	0.000	0.000	1.685	0.000	0.06
		C	0.000	0.000	0.000	0.000	0.06
L6	126.29-121.29	A	0.000	0.000	2.994	0.000	0.04
		B	0.000	0.000	1.685	0.000	0.06
		C	0.000	0.000	0.000	0.000	0.06
L7	121.29-116.29	A	0.000	0.000	2.994	0.000	0.04
		B	0.000	0.000	2.278	0.000	0.07
		C	0.000	0.000	0.000	0.000	0.06
L8	116.29-111.29	A	0.000	0.000	2.994	0.000	0.04
		B	0.000	0.000	2.485	0.000	0.08
		C	0.000	0.000	0.000	0.000	0.06
L9	111.29-108.00	A	0.000	0.000	3.972	0.000	0.02
		B	0.000	0.000	3.637	0.000	0.05
		C	0.000	0.000	2.000	0.000	0.04
L10	108.00-107.75	A	0.000	0.000	0.400	0.000	0.00
		B	0.000	0.000	0.374	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L11	107.75-102.75	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L12	102.75-97.75	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L13	97.75-92.75	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L14	92.75-88.08	A	0.000	0.000	7.461	0.000	0.04
		B	0.000	0.000	6.986	0.000	0.07
		C	0.000	0.000	4.667	0.000	0.06
L15	88.08-86.92	A	0.000	0.000	1.865	0.000	0.01
		B	0.000	0.000	1.746	0.000	0.02
		C	0.000	0.000	1.167	0.000	0.01
L16	86.92-83.00	A	0.000	0.000	6.262	0.000	0.03
		B	0.000	0.000	5.863	0.000	0.06
		C	0.000	0.000	3.917	0.000	0.05
L17	83.00-82.75	A	0.000	0.000	0.400	0.000	0.00
		B	0.000	0.000	0.374	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L18	82.75-77.75	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L19	77.75-77.00	A	0.000	0.000	1.199	0.000	0.01
		B	0.000	0.000	1.123	0.000	0.01
		C	0.000	0.000	0.750	0.000	0.01
L20	77.00-76.75	A	0.000	0.000	0.400	0.000	0.00
		B	0.000	0.000	0.374	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L21	76.75-75.00	A	0.000	0.000	2.798	0.000	0.01
		B	0.000	0.000	2.620	0.000	0.03
		C	0.000	0.000	1.750	0.000	0.02
L22	75.00-74.75	A	0.000	0.000	0.400	0.000	0.00
		B	0.000	0.000	0.374	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L23	74.75-69.75	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L24	69.75-64.75	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L25	64.75-63.00	A	0.000	0.000	2.798	0.000	0.01
		B	0.000	0.000	2.620	0.000	0.03
		C	0.000	0.000	1.750	0.000	0.02
L26	63.00-62.75	A	0.000	0.000	0.400	0.000	0.00
		B	0.000	0.000	0.374	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L27	62.75-57.75	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L28	57.75-52.75	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L29	52.75-43.50	A	0.000	0.000	14.794	0.000	0.07
		B	0.000	0.000	13.852	0.000	0.14
		C	0.000	0.000	9.253	0.000	0.11
L30	43.50-42.50	A	0.000	0.000	1.599	0.000	0.01
		B	0.000	0.000	1.497	0.000	0.02
		C	0.000	0.000	1.000	0.000	0.01
L31	42.50-37.50	A	0.000	0.000	7.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L32	37.50-33.00	A	0.000	0.000	7.189	0.000	0.03
		B	0.000	0.000	6.731	0.000	0.07
		C	0.000	0.000	4.497	0.000	0.05
L33	33.00-32.75	A	0.000	0.000	0.400	0.000	0.00
		B	0.000	0.000	0.374	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L34	32.75-32.00	A	0.000	0.000	1.199	0.000	0.01
		B	0.000	0.000	1.123	0.000	0.01
		C	0.000	0.000	0.750	0.000	0.01
L35	32.00-31.75	A	0.000	0.000	0.900	0.000	0.00
		B	0.000	0.000	0.374	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L36	31.75-28.00	A	0.000	0.000	11.495	0.000	0.03
		B	0.000	0.000	5.614	0.000	0.06
		C	0.000	0.000	3.750	0.000	0.04
L37	28.00-27.75	A	0.000	0.000	0.650	0.000	0.00
		B	0.000	0.000	0.374	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L38	27.75-22.75	A	0.000	0.000	12.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L39	22.75-17.75	A	0.000	0.000	12.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L40	17.75-12.75	A	0.000	0.000	12.994	0.000	0.04
		B	0.000	0.000	7.485	0.000	0.08
		C	0.000	0.000	5.000	0.000	0.06
L41	12.75-7.75	A	0.000	0.000	12.994	0.000	0.04
		B	0.000	0.000	7.326	0.000	0.07
		C	0.000	0.000	5.000	0.000	0.06
L42	7.75-2.75	A	0.000	0.000	11.048	0.000	0.01
		B	0.000	0.000	5.746	0.000	0.02
		C	0.000	0.000	5.000	0.000	0.02
L43	2.75-0.00	A	0.000	0.000	5.500	0.000	0.00
		B	0.000	0.000	2.750	0.000	0.00
		C	0.000	0.000	2.750	0.000	0.00

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	150.00-145.00	A	0.987	0.000	0.000	4.977	0.000	0.07
		B		0.000	0.000	1.340	0.000	0.02
		C		0.000	0.000	0.000	0.000	0.00
L2	145.00-140.00	A	0.984	0.000	0.000	4.972	0.000	0.07
		B		0.000	0.000	1.336	0.000	0.02
		C		0.000	0.000	0.000	0.000	0.00
L3	140.00-133.71	A	0.980	0.000	0.000	6.249	0.000	0.09
		B		0.000	0.000	1.676	0.000	0.02
		C		0.000	0.000	0.000	0.000	0.06
L4	133.71-131.29	A	0.977	0.000	0.000	2.401	0.000	0.04
		B		0.000	0.000	1.347	0.000	0.02
		C		0.000	0.000	0.000	0.000	0.03
L5	131.29-126.29	A	0.974	0.000	0.000	4.960	0.000	0.07
		B		0.000	0.000	6.281	0.000	0.11
		C		0.000	0.000	0.000	0.000	0.06
L6	126.29-121.29	A	0.970	0.000	0.000	4.955	0.000	0.07
		B		0.000	0.000	6.264	0.000	0.11
		C		0.000	0.000	0.000	0.000	0.06
L7	121.29-116.29	A	0.966	0.000	0.000	4.950	0.000	0.07
		B		0.000	0.000	7.555	0.000	0.13
		C		0.000	0.000	0.000	0.000	0.06
L8	116.29-111.29	A	0.962	0.000	0.000	4.945	0.000	0.07
		B		0.000	0.000	7.989	0.000	0.13
		C		0.000	0.000	0.000	0.000	0.06
L9	111.29-108.00	A	0.958	0.000	0.000	5.638	0.000	0.06
		B		0.000	0.000	7.633	0.000	0.10
		C		0.000	0.000	2.383	0.000	0.05
L10	108.00-107.75	A	0.957	0.000	0.000	0.545	0.000	0.01
		B		0.000	0.000	0.696	0.000	0.01
		C		0.000	0.000	0.298	0.000	0.00
L11	107.75-102.75	A	0.955	0.000	0.000	10.890	0.000	0.11
		B		0.000	0.000	13.902	0.000	0.16
		C		0.000	0.000	5.955	0.000	0.09
L12	102.75-97.75	A	0.950	0.000	0.000	10.880	0.000	0.11
		B		0.000	0.000	13.872	0.000	0.16
		C		0.000	0.000	5.950	0.000	0.09

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L13	97.75-92.75	A	0.945	0.000	0.000	10.869	0.000	0.10
		B		0.000	0.000	13.841	0.000	0.16
		C		0.000	0.000	5.945	0.000	0.09
L14	92.75-88.08	A	0.940	0.000	0.000	10.134	0.000	0.10
		B		0.000	0.000	12.888	0.000	0.15
		C		0.000	0.000	5.544	0.000	0.09
L15	88.08-86.92	A	0.937	0.000	0.000	2.534	0.000	0.02
		B		0.000	0.000	3.222	0.000	0.04
		C		0.000	0.000	1.386	0.000	0.02
L16	86.92-83.00	A	0.934	0.000	0.000	8.495	0.000	0.08
		B		0.000	0.000	10.787	0.000	0.13
		C		0.000	0.000	4.648	0.000	0.07
L17	83.00-82.75	A	0.932	0.000	0.000	0.542	0.000	0.01
		B		0.000	0.000	0.688	0.000	0.01
		C		0.000	0.000	0.297	0.000	0.00
L18	82.75-77.75	A	0.929	0.000	0.000	10.833	0.000	0.10
		B		0.000	0.000	13.736	0.000	0.16
		C		0.000	0.000	5.929	0.000	0.09
L19	77.75-77.00	A	0.926	0.000	0.000	1.624	0.000	0.02
		B		0.000	0.000	2.057	0.000	0.02
		C		0.000	0.000	0.889	0.000	0.01
L20	77.00-76.75	A	0.925	0.000	0.000	0.541	0.000	0.01
		B		0.000	0.000	0.686	0.000	0.01
		C		0.000	0.000	0.296	0.000	0.00
L21	76.75-75.00	A	0.924	0.000	0.000	3.787	0.000	0.04
		B		0.000	0.000	4.796	0.000	0.06
		C		0.000	0.000	2.073	0.000	0.03
L22	75.00-74.75	A	0.923	0.000	0.000	0.541	0.000	0.01
		B		0.000	0.000	0.685	0.000	0.01
		C		0.000	0.000	0.296	0.000	0.00
L23	74.75-69.75	A	0.919	0.000	0.000	10.811	0.000	0.10
		B		0.000	0.000	13.673	0.000	0.16
		C		0.000	0.000	5.919	0.000	0.09
L24	69.75-64.75	A	0.913	0.000	0.000	10.796	0.000	0.10
		B		0.000	0.000	13.631	0.000	0.16
		C		0.000	0.000	5.913	0.000	0.09
L25	64.75-63.00	A	0.908	0.000	0.000	3.775	0.000	0.04
		B		0.000	0.000	4.760	0.000	0.06
		C		0.000	0.000	2.068	0.000	0.03
L26	63.00-62.75	A	0.907	0.000	0.000	0.539	0.000	0.01
		B		0.000	0.000	0.680	0.000	0.01
		C		0.000	0.000	0.295	0.000	0.00
L27	62.75-57.75	A	0.903	0.000	0.000	10.774	0.000	0.10
		B		0.000	0.000	13.566	0.000	0.16
		C		0.000	0.000	5.903	0.000	0.09
L28	57.75-52.75	A	0.895	0.000	0.000	10.756	0.000	0.10
		B		0.000	0.000	13.515	0.000	0.16
		C		0.000	0.000	5.895	0.000	0.09
L29	52.75-43.50	A	0.883	0.000	0.000	19.855	0.000	0.19
		B		0.000	0.000	24.864	0.000	0.29
		C		0.000	0.000	10.887	0.000	0.16
L30	43.50-42.50	A	0.873	0.000	0.000	2.146	0.000	0.02
		B		0.000	0.000	2.687	0.000	0.03
		C		0.000	0.000	1.177	0.000	0.02
L31	42.50-37.50	A	0.866	0.000	0.000	10.692	0.000	0.10
		B		0.000	0.000	13.330	0.000	0.15
		C		0.000	0.000	5.866	0.000	0.09
L32	37.50-33.00	A	0.856	0.000	0.000	9.594	0.000	0.09
		B		0.000	0.000	11.925	0.000	0.14
		C		0.000	0.000	5.266	0.000	0.08
L33	33.00-32.75	A	0.850	0.000	0.000	0.533	0.000	0.00
		B		0.000	0.000	0.661	0.000	0.01
		C		0.000	0.000	0.292	0.000	0.00
L34	32.75-32.00	A	0.848	0.000	0.000	1.598	0.000	0.01
		B		0.000	0.000	1.982	0.000	0.02
		C		0.000	0.000	0.877	0.000	0.01
L35	32.00-31.75	A	0.847	0.000	0.000	1.117	0.000	0.01
		B		0.000	0.000	0.660	0.000	0.01
		C		0.000	0.000	0.292	0.000	0.00

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L36	31.75-28.00	A	0.842	0.000	0.000	14.403	0.000	0.10
		B		0.000	0.000	9.876	0.000	0.11
		C		0.000	0.000	4.381	0.000	0.07
L37	28.00-27.75	A	0.836	0.000	0.000	0.823	0.000	0.01
		B		0.000	0.000	0.657	0.000	0.01
		C		0.000	0.000	0.292	0.000	0.00
L38	27.75-22.75	A	0.828	0.000	0.000	16.432	0.000	0.12
		B		0.000	0.000	13.077	0.000	0.15
		C		0.000	0.000	5.828	0.000	0.09
L39	22.75-17.75	A	0.809	0.000	0.000	16.373	0.000	0.12
		B		0.000	0.000	12.959	0.000	0.15
		C		0.000	0.000	5.809	0.000	0.09
L40	17.75-12.75	A	0.787	0.000	0.000	16.300	0.000	0.12
		B		0.000	0.000	12.812	0.000	0.14
		C		0.000	0.000	5.787	0.000	0.09
L41	12.75-7.75	A	0.756	0.000	0.000	16.200	0.000	0.12
		B		0.000	0.000	12.114	0.000	0.13
		C		0.000	0.000	5.756	0.000	0.08
L42	7.75-2.75	A	0.707	0.000	0.000	13.033	0.000	0.07
		B		0.000	0.000	7.642	0.000	0.06
		C		0.000	0.000	5.707	0.000	0.04
L43	2.75-0.00	A	0.618	0.000	0.000	6.180	0.000	0.02
		B		0.000	0.000	3.090	0.000	0.01
		C		0.000	0.000	3.090	0.000	0.01

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	150.00-145.00	-2.7624	0.7518	-2.1096	0.2623
L2	145.00-140.00	-2.8714	0.7795	-2.1864	0.2693
L3	140.00-133.71	-2.9867	0.8088	-2.2672	0.2768
L4	133.71-131.29	-2.5588	0.5935	-1.4947	-0.0557
L5	131.29-126.29	-1.6087	0.1266	-0.1530	-0.6287
L6	126.29-121.29	-1.6411	0.1262	-0.1561	-0.6534
L7	121.29-116.29	-1.2455	-0.3262	0.1409	-1.0320
L8	116.29-111.29	-1.1303	-0.4820	0.2453	-1.1827
L9	111.29-108.00	0.0825	0.5447	0.6400	-0.3822
L10	108.00-107.75	0.4337	0.8401	0.8046	-0.0493
L11	107.75-102.75	0.4443	0.8577	0.8202	-0.0488
L12	102.75-97.75	0.4642	0.8909	0.8492	-0.0475
L13	97.75-92.75	0.4837	0.9235	0.8772	-0.0458
L14	92.75-88.08	0.5013	0.9528	0.9033	-0.0439
L15	88.08-86.92	0.5017	0.9534	0.9040	-0.0439
L16	86.92-83.00	0.5104	0.9677	0.9155	-0.0406
L17	83.00-82.75	0.5174	0.9793	0.9262	-0.0395
L18	82.75-77.75	0.5262	0.9938	0.9394	-0.0379
L19	77.75-77.00	0.5357	1.0094	0.9535	-0.0360
L20	77.00-76.75	0.5373	1.0120	0.9559	-0.0357
L21	76.75-75.00	0.5406	1.0174	0.9607	-0.0350
L22	75.00-74.75	0.5438	1.0228	0.9655	-0.0343
L23	74.75-69.75	0.5523	1.0367	0.9777	-0.0323
L24	69.75-64.75	0.5681	1.0627	1.0003	-0.0281
L25	64.75-63.00	0.5785	1.0799	1.0149	-0.0249
L26	63.00-62.75	0.5816	1.0850	1.0191	-0.0239
L27	62.75-57.75	0.5896	1.0981	1.0299	-0.0211
L28	57.75-52.75	0.6045	1.1228	1.0497	-0.0153
L29	52.75-43.50	0.6253	1.1569	1.0756	-0.0054
L30	43.50-42.50	0.6302	1.1651	1.0840	-0.0054
L31	42.50-37.50	0.6387	1.1790	1.0859	0.0083
L32	37.50-33.00	0.6519	1.2007	1.0992	0.0181
L33	33.00-32.75	0.6585	1.2116	1.1054	0.0236
L34	32.75-32.00	0.6598	1.2138	1.1066	0.0248
L35	32.00-31.75	0.1468	0.7205	0.6468	-0.1316
L36	31.75-28.00	2.1629	1.6025	2.1442	0.4688

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L37	28.00-27.75	4.1753	2.4830	3.5898	1.0494
L38	27.75-22.75	4.2185	2.5081	3.6223	1.0677
L39	22.75-17.75	4.2995	2.5553	3.6815	1.1048
L40	17.75-12.75	4.3791	2.6017	3.7361	1.1467
L41	12.75-7.75	4.4663	2.7472	3.7962	1.3833
L42	7.75-2.75	5.4843	3.2758	4.5607	2.4093
L43	2.75-0.00	6.1289	3.5385	5.0908	2.9392

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	2	Step Pegs	145.00 - 150.00	1.0000	1.0000
L1	4	HB158-21U6S24-xxM_TMO(1-5/8)	145.00 - 150.00	1.0000	1.0000
L2	2	Step Pegs	140.00 - 145.00	1.0000	1.0000
L2	4	HB158-21U6S24-xxM_TMO(1-5/8)	140.00 - 145.00	1.0000	1.0000
L3	2	Step Pegs	133.71 - 140.00	1.0000	1.0000
L3	4	HB158-21U6S24-xxM_TMO(1-5/8)	133.71 - 140.00	1.0000	1.0000
L4	2	Step Pegs	131.29 - 133.71	1.0000	1.0000
L4	4	HB158-21U6S24-xxM_TMO(1-5/8)	131.29 - 133.71	1.0000	1.0000
L4	13	FB-L98B-002-75000(3/8)	131.29 - 132.00	1.0000	1.0000
L4	14	WR-VG122ST-BRDA(7/16)	131.29 - 132.00	1.0000	1.0000
L4	15	WR-VG66ST-BRD(7/8)	131.29 - 132.00	1.0000	1.0000
L5	2	Step Pegs	126.29 - 131.29	1.0000	1.0000
L5	4	HB158-21U6S24-xxM_TMO(1-5/8)	126.29 - 131.29	1.0000	1.0000
L5	13	FB-L98B-002-75000(3/8)	126.29 - 131.29	1.0000	1.0000
L5	14	WR-VG122ST-BRDA(7/16)	126.29 - 131.29	1.0000	1.0000
L5	15	WR-VG66ST-BRD(7/8)	126.29 - 131.29	1.0000	1.0000
L6	2	Step Pegs	121.29 - 126.29	1.0000	1.0000
L6	4	HB158-21U6S24-xxM_TMO(1-5/8)	121.29 - 126.29	1.0000	1.0000
L6	13	FB-L98B-002-75000(3/8)	121.29 - 126.29	1.0000	1.0000
L6	14	WR-VG122ST-BRDA(7/16)	121.29 - 126.29	1.0000	1.0000
L6	15	WR-VG66ST-BRD(7/8)	121.29 - 126.29	1.0000	1.0000
L7	2	Step Pegs	116.29 - 121.29	1.0000	1.0000
L7	4	HB158-21U6S24-xxM_TMO(1-5/8)	116.29 - 121.29	1.0000	1.0000
L7	13	FB-L98B-002-75000(3/8)	116.29 - 121.29	1.0000	1.0000
L7	14	WR-VG122ST-BRDA(7/16)	116.29 - 121.29	1.0000	1.0000
L7	15	WR-VG66ST-BRD(7/8)	116.29 - 121.29	1.0000	1.0000
L7	17	CU12PSM9P6XXX(1-1/2)	116.29 - 120.00	1.0000	1.0000
L8	2	Step Pegs	111.29 - 116.29	1.0000	1.0000
L8	4	HB158-21U6S24-xxM_TMO(1-5/8)	111.29 - 116.29	1.0000	1.0000
L8	13	FB-L98B-002-75000(3/8)	111.29 - 116.29	1.0000	1.0000
L8	14	WR-VG122ST-BRDA(7/16)	111.29 - 116.29	1.0000	1.0000
L8	15	WR-VG66ST-BRD(7/8)	111.29 - 116.29	1.0000	1.0000
L8	17	CU12PSM9P6XXX(1-1/2)	111.29 - 116.29	1.0000	1.0000
L9	2	Step Pegs	108.00 - 111.29	1.0000	1.0000
L9	4	HB158-21U6S24-xxM_TMO(1-5/8)	108.00 - 111.29	1.0000	1.0000
L9	13	FB-L98B-002-75000(3/8)	108.00 - 111.29	1.0000	1.0000
L9	14	WR-VG122ST-BRDA(7/16)	108.00 - 111.29	1.0000	1.0000
L9	15	WR-VG66ST-BRD(7/8)	108.00 - 111.29	1.0000	1.0000
L9	17	CU12PSM9P6XXX(1-1/2)	108.00 - 111.29	1.0000	1.0000
L9	26	CCI-SFP-060100	108.00 - 110.00	1.0000	1.0000
L9	27	CCI-SFP-060100	108.00 - 110.00	1.0000	1.0000
L9	28	CCI-SFP-060100	108.00 - 110.00	1.0000	1.0000
L10	2	Step Pegs	107.75 - 108.00	1.0000	1.0000
L10	4	HB158-21U6S24-xxM_TMO(1-5/8)	107.75 - 108.00	1.0000	1.0000
L10	13	FB-L98B-002-75000(3/8)	107.75 - 108.00	1.0000	1.0000
L10	14	WR-VG122ST-BRDA(7/16)	107.75 - 108.00	1.0000	1.0000
L10	15	WR-VG66ST-BRD(7/8)	107.75 - 108.00	1.0000	1.0000
L10	17	CU12PSM9P6XXX(1-1/2)	107.75 - 108.00	1.0000	1.0000
L10	26	CCI-SFP-060100	107.75 - 108.00	1.0000	1.0000
L10	27	CCI-SFP-060100	107.75 - 108.00	1.0000	1.0000
L10	28	CCI-SFP-060100	107.75 - 108.00	1.0000	1.0000
L11	2	Step Pegs	102.75 - 107.75	1.0000	1.0000
L11	4	HB158-21U6S24-xxM_TMO(1-5/8)	102.75 - 107.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L11	13	FB-L98B-002-75000(3/8)	102.75 - 107.75	1.0000	1.0000
L11	14	WR-VG122ST-BRDA(7/16)	102.75 - 107.75	1.0000	1.0000
L11	15	WR-VG66ST-BRD(7/8)	102.75 - 107.75	1.0000	1.0000
L11	17	CU12PSM9P6XXX(1-1/2)	102.75 - 107.75	1.0000	1.0000
L11	26	CCI-SFP-060100	102.75 - 107.75	1.0000	1.0000
L11	27	CCI-SFP-060100	102.75 - 107.75	1.0000	1.0000
L11	28	CCI-SFP-060100	102.75 - 107.75	1.0000	1.0000
L12	2	Step Pegs	97.75 - 102.75	1.0000	1.0000
L12	4	HB158-21U6S24-xxM_TMO(1-5/8)	97.75 - 102.75	1.0000	1.0000
L12	13	FB-L98B-002-75000(3/8)	97.75 - 102.75	1.0000	1.0000
L12	14	WR-VG122ST-BRDA(7/16)	97.75 - 102.75	1.0000	1.0000
L12	15	WR-VG66ST-BRD(7/8)	97.75 - 102.75	1.0000	1.0000
L12	17	CU12PSM9P6XXX(1-1/2)	97.75 - 102.75	1.0000	1.0000
L12	26	CCI-SFP-060100	97.75 - 102.75	1.0000	1.0000
L12	27	CCI-SFP-060100	97.75 - 102.75	1.0000	1.0000
L12	28	CCI-SFP-060100	97.75 - 102.75	1.0000	1.0000
L13	2	Step Pegs	92.75 - 97.75	1.0000	1.0000
L13	4	HB158-21U6S24-xxM_TMO(1-5/8)	92.75 - 97.75	1.0000	1.0000
L13	13	FB-L98B-002-75000(3/8)	92.75 - 97.75	1.0000	1.0000
L13	14	WR-VG122ST-BRDA(7/16)	92.75 - 97.75	1.0000	1.0000
L13	15	WR-VG66ST-BRD(7/8)	92.75 - 97.75	1.0000	1.0000
L13	17	CU12PSM9P6XXX(1-1/2)	92.75 - 97.75	1.0000	1.0000
L13	26	CCI-SFP-060100	92.75 - 97.75	1.0000	1.0000
L13	27	CCI-SFP-060100	92.75 - 97.75	1.0000	1.0000
L13	28	CCI-SFP-060100	92.75 - 97.75	1.0000	1.0000
L14	2	Step Pegs	88.08 - 92.75	1.0000	1.0000
L14	4	HB158-21U6S24-xxM_TMO(1-5/8)	88.08 - 92.75	1.0000	1.0000
L14	13	FB-L98B-002-75000(3/8)	88.08 - 92.75	1.0000	1.0000
L14	14	WR-VG122ST-BRDA(7/16)	88.08 - 92.75	1.0000	1.0000
L14	15	WR-VG66ST-BRD(7/8)	88.08 - 92.75	1.0000	1.0000
L14	17	CU12PSM9P6XXX(1-1/2)	88.08 - 92.75	1.0000	1.0000
L14	26	CCI-SFP-060100	88.08 - 92.75	1.0000	1.0000
L14	27	CCI-SFP-060100	88.08 - 92.75	1.0000	1.0000
L14	28	CCI-SFP-060100	88.08 - 92.75	1.0000	1.0000
L15	2	Step Pegs	86.92 - 88.08	1.0000	1.0000
L15	4	HB158-21U6S24-xxM_TMO(1-5/8)	86.92 - 88.08	1.0000	1.0000
L15	13	FB-L98B-002-75000(3/8)	86.92 - 88.08	1.0000	1.0000
L15	14	WR-VG122ST-BRDA(7/16)	86.92 - 88.08	1.0000	1.0000
L15	15	WR-VG66ST-BRD(7/8)	86.92 - 88.08	1.0000	1.0000
L15	17	CU12PSM9P6XXX(1-1/2)	86.92 - 88.08	1.0000	1.0000
L15	26	CCI-SFP-060100	86.92 - 88.08	1.0000	1.0000
L15	27	CCI-SFP-060100	86.92 - 88.08	1.0000	1.0000
L15	28	CCI-SFP-060100	86.92 - 88.08	1.0000	1.0000
L16	2	Step Pegs	83.00 - 86.92	1.0000	1.0000
L16	4	HB158-21U6S24-xxM_TMO(1-5/8)	83.00 - 86.92	1.0000	1.0000
L16	13	FB-L98B-002-75000(3/8)	83.00 - 86.92	1.0000	1.0000
L16	14	WR-VG122ST-BRDA(7/16)	83.00 - 86.92	1.0000	1.0000
L16	15	WR-VG66ST-BRD(7/8)	83.00 - 86.92	1.0000	1.0000
L16	17	CU12PSM9P6XXX(1-1/2)	83.00 - 86.92	1.0000	1.0000
L16	26	CCI-SFP-060100	83.00 - 86.92	1.0000	1.0000
L16	27	CCI-SFP-060100	83.00 - 86.92	1.0000	1.0000
L16	28	CCI-SFP-060100	83.00 - 86.92	1.0000	1.0000
L17	2	Step Pegs	82.75 - 83.00	1.0000	1.0000
L17	4	HB158-21U6S24-xxM_TMO(1-5/8)	82.75 - 83.00	1.0000	1.0000
L17	13	FB-L98B-002-75000(3/8)	82.75 - 83.00	1.0000	1.0000
L17	14	WR-VG122ST-BRDA(7/16)	82.75 - 83.00	1.0000	1.0000
L17	15	WR-VG66ST-BRD(7/8)	82.75 - 83.00	1.0000	1.0000
L17	17	CU12PSM9P6XXX(1-1/2)	82.75 - 83.00	1.0000	1.0000
L17	26	CCI-SFP-060100	82.75 - 83.00	1.0000	1.0000
L17	27	CCI-SFP-060100	82.75 - 83.00	1.0000	1.0000
L17	28	CCI-SFP-060100	82.75 - 83.00	1.0000	1.0000
L18	2	Step Pegs	77.75 - 82.75	1.0000	1.0000
L18	4	HB158-21U6S24-xxM_TMO(1-5/8)	77.75 - 82.75	1.0000	1.0000
L18	13	FB-L98B-002-75000(3/8)	77.75 - 82.75	1.0000	1.0000
L18	14	WR-VG122ST-BRDA(7/16)	77.75 - 82.75	1.0000	1.0000
L18	15	WR-VG66ST-BRD(7/8)	77.75 - 82.75	1.0000	1.0000
L18	17	CU12PSM9P6XXX(1-1/2)	77.75 - 82.75	1.0000	1.0000
L18	26	CCI-SFP-060100	77.75 - 82.75	1.0000	1.0000
L18	27	CCI-SFP-060100	77.75 - 82.75	1.0000	1.0000
L18	28	CCI-SFP-060100	77.75 - 82.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L19	2	Step Pegs	77.00 - 77.75	1.0000	1.0000
L19	4	HB158-21U6S24-xxM_TMO(1-5/8)	77.00 - 77.75	1.0000	1.0000
L19	13	FB-L98B-002-75000(3/8)	77.00 - 77.75	1.0000	1.0000
L19	14	WR-VG122ST-BRDA(7/16)	77.00 - 77.75	1.0000	1.0000
L19	15	WR-VG66ST-BRD(7/8)	77.00 - 77.75	1.0000	1.0000
L19	17	CU12PSM9P6XXX(1-1/2)	77.00 - 77.75	1.0000	1.0000
L19	26	CCI-SFP-060100	77.00 - 77.75	1.0000	1.0000
L19	27	CCI-SFP-060100	77.00 - 77.75	1.0000	1.0000
L19	28	CCI-SFP-060100	77.00 - 77.75	1.0000	1.0000
L20	2	Step Pegs	76.75 - 77.00	1.0000	1.0000
L20	4	HB158-21U6S24-xxM_TMO(1-5/8)	76.75 - 77.00	1.0000	1.0000
L20	13	FB-L98B-002-75000(3/8)	76.75 - 77.00	1.0000	1.0000
L20	14	WR-VG122ST-BRDA(7/16)	76.75 - 77.00	1.0000	1.0000
L20	15	WR-VG66ST-BRD(7/8)	76.75 - 77.00	1.0000	1.0000
L20	17	CU12PSM9P6XXX(1-1/2)	76.75 - 77.00	1.0000	1.0000
L20	26	CCI-SFP-060100	76.75 - 77.00	1.0000	1.0000
L20	27	CCI-SFP-060100	76.75 - 77.00	1.0000	1.0000
L20	28	CCI-SFP-060100	76.75 - 77.00	1.0000	1.0000
L21	2	Step Pegs	75.00 - 76.75	1.0000	1.0000
L21	4	HB158-21U6S24-xxM_TMO(1-5/8)	75.00 - 76.75	1.0000	1.0000
L21	13	FB-L98B-002-75000(3/8)	75.00 - 76.75	1.0000	1.0000
L21	14	WR-VG122ST-BRDA(7/16)	75.00 - 76.75	1.0000	1.0000
L21	15	WR-VG66ST-BRD(7/8)	75.00 - 76.75	1.0000	1.0000
L21	17	CU12PSM9P6XXX(1-1/2)	75.00 - 76.75	1.0000	1.0000
L21	26	CCI-SFP-060100	75.00 - 76.75	1.0000	1.0000
L21	27	CCI-SFP-060100	75.00 - 76.75	1.0000	1.0000
L21	28	CCI-SFP-060100	75.00 - 76.75	1.0000	1.0000
L22	2	Step Pegs	74.75 - 75.00	1.0000	1.0000
L22	4	HB158-21U6S24-xxM_TMO(1-5/8)	74.75 - 75.00	1.0000	1.0000
L22	13	FB-L98B-002-75000(3/8)	74.75 - 75.00	1.0000	1.0000
L22	14	WR-VG122ST-BRDA(7/16)	74.75 - 75.00	1.0000	1.0000
L22	15	WR-VG66ST-BRD(7/8)	74.75 - 75.00	1.0000	1.0000
L22	17	CU12PSM9P6XXX(1-1/2)	74.75 - 75.00	1.0000	1.0000
L22	26	CCI-SFP-060100	74.75 - 75.00	1.0000	1.0000
L22	27	CCI-SFP-060100	74.75 - 75.00	1.0000	1.0000
L22	28	CCI-SFP-060100	74.75 - 75.00	1.0000	1.0000
L23	2	Step Pegs	69.75 - 74.75	1.0000	1.0000
L23	4	HB158-21U6S24-xxM_TMO(1-5/8)	69.75 - 74.75	1.0000	1.0000
L23	13	FB-L98B-002-75000(3/8)	69.75 - 74.75	1.0000	1.0000
L23	14	WR-VG122ST-BRDA(7/16)	69.75 - 74.75	1.0000	1.0000
L23	15	WR-VG66ST-BRD(7/8)	69.75 - 74.75	1.0000	1.0000
L23	17	CU12PSM9P6XXX(1-1/2)	69.75 - 74.75	1.0000	1.0000
L23	26	CCI-SFP-060100	69.75 - 74.75	1.0000	1.0000
L23	27	CCI-SFP-060100	69.75 - 74.75	1.0000	1.0000
L23	28	CCI-SFP-060100	69.75 - 74.75	1.0000	1.0000
L24	2	Step Pegs	64.75 - 69.75	1.0000	1.0000
L24	4	HB158-21U6S24-xxM_TMO(1-5/8)	64.75 - 69.75	1.0000	1.0000
L24	13	FB-L98B-002-75000(3/8)	64.75 - 69.75	1.0000	1.0000
L24	14	WR-VG122ST-BRDA(7/16)	64.75 - 69.75	1.0000	1.0000
L24	15	WR-VG66ST-BRD(7/8)	64.75 - 69.75	1.0000	1.0000
L24	17	CU12PSM9P6XXX(1-1/2)	64.75 - 69.75	1.0000	1.0000
L24	26	CCI-SFP-060100	64.75 - 69.75	1.0000	1.0000
L24	27	CCI-SFP-060100	64.75 - 69.75	1.0000	1.0000
L24	28	CCI-SFP-060100	64.75 - 69.75	1.0000	1.0000
L25	2	Step Pegs	63.00 - 64.75	1.0000	1.0000
L25	4	HB158-21U6S24-xxM_TMO(1-5/8)	63.00 - 64.75	1.0000	1.0000
L25	13	FB-L98B-002-75000(3/8)	63.00 - 64.75	1.0000	1.0000
L25	14	WR-VG122ST-BRDA(7/16)	63.00 - 64.75	1.0000	1.0000
L25	15	WR-VG66ST-BRD(7/8)	63.00 - 64.75	1.0000	1.0000
L25	17	CU12PSM9P6XXX(1-1/2)	63.00 - 64.75	1.0000	1.0000
L25	26	CCI-SFP-060100	63.00 - 64.75	1.0000	1.0000
L25	27	CCI-SFP-060100	63.00 - 64.75	1.0000	1.0000
L25	28	CCI-SFP-060100	63.00 - 64.75	1.0000	1.0000
L26	2	Step Pegs	62.75 - 63.00	1.0000	1.0000
L26	4	HB158-21U6S24-xxM_TMO(1-5/8)	62.75 - 63.00	1.0000	1.0000
L26	13	FB-L98B-002-75000(3/8)	62.75 - 63.00	1.0000	1.0000
L26	14	WR-VG122ST-BRDA(7/16)	62.75 - 63.00	1.0000	1.0000
L26	15	WR-VG66ST-BRD(7/8)	62.75 - 63.00	1.0000	1.0000
L26	17	CU12PSM9P6XXX(1-1/2)	62.75 - 63.00	1.0000	1.0000
L26	26	CCI-SFP-060100	62.75 - 63.00	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L26	27	CCI-SFP-060100	62.75 - 63.00	1.0000	1.0000
L26	28	CCI-SFP-060100	62.75 - 63.00	1.0000	1.0000
L27	2	Step Pegs	57.75 - 62.75	1.0000	1.0000
L27	4	HB158-21U6S24-xxM_TMO(1-5/8)	57.75 - 62.75	1.0000	1.0000
L27	13	FB-L98B-002-75000(3/8)	57.75 - 62.75	1.0000	1.0000
L27	14	WR-VG122ST-BRDA(7/16)	57.75 - 62.75	1.0000	1.0000
L27	15	WR-VG66ST-BRD(7/8)	57.75 - 62.75	1.0000	1.0000
L27	17	CU12PSM9P6XXX(1-1/2)	57.75 - 62.75	1.0000	1.0000
L27	26	CCI-SFP-060100	57.75 - 62.75	1.0000	1.0000
L27	27	CCI-SFP-060100	57.75 - 62.75	1.0000	1.0000
L27	28	CCI-SFP-060100	57.75 - 62.75	1.0000	1.0000
L28	2	Step Pegs	52.75 - 57.75	1.0000	1.0000
L28	4	HB158-21U6S24-xxM_TMO(1-5/8)	52.75 - 57.75	1.0000	1.0000
L28	13	FB-L98B-002-75000(3/8)	52.75 - 57.75	1.0000	1.0000
L28	14	WR-VG122ST-BRDA(7/16)	52.75 - 57.75	1.0000	1.0000
L28	15	WR-VG66ST-BRD(7/8)	52.75 - 57.75	1.0000	1.0000
L28	17	CU12PSM9P6XXX(1-1/2)	52.75 - 57.75	1.0000	1.0000
L28	26	CCI-SFP-060100	52.75 - 57.75	1.0000	1.0000
L28	27	CCI-SFP-060100	52.75 - 57.75	1.0000	1.0000
L28	28	CCI-SFP-060100	52.75 - 57.75	1.0000	1.0000
L29	2	Step Pegs	43.50 - 52.75	1.0000	1.0000
L29	4	HB158-21U6S24-xxM_TMO(1-5/8)	43.50 - 52.75	1.0000	1.0000
L29	13	FB-L98B-002-75000(3/8)	43.50 - 52.75	1.0000	1.0000
L29	14	WR-VG122ST-BRDA(7/16)	43.50 - 52.75	1.0000	1.0000
L29	15	WR-VG66ST-BRD(7/8)	43.50 - 52.75	1.0000	1.0000
L29	17	CU12PSM9P6XXX(1-1/2)	43.50 - 52.75	1.0000	1.0000
L29	26	CCI-SFP-060100	43.50 - 52.75	1.0000	1.0000
L29	27	CCI-SFP-060100	43.50 - 52.75	1.0000	1.0000
L29	28	CCI-SFP-060100	43.50 - 52.75	1.0000	1.0000
L30	2	Step Pegs	42.50 - 43.50	1.0000	1.0000
L30	4	HB158-21U6S24-xxM_TMO(1-5/8)	42.50 - 43.50	1.0000	1.0000
L30	13	FB-L98B-002-75000(3/8)	42.50 - 43.50	1.0000	1.0000
L30	14	WR-VG122ST-BRDA(7/16)	42.50 - 43.50	1.0000	1.0000
L30	15	WR-VG66ST-BRD(7/8)	42.50 - 43.50	1.0000	1.0000
L30	17	CU12PSM9P6XXX(1-1/2)	42.50 - 43.50	1.0000	1.0000
L30	26	CCI-SFP-060100	42.50 - 43.50	1.0000	1.0000
L30	27	CCI-SFP-060100	42.50 - 43.50	1.0000	1.0000
L30	28	CCI-SFP-060100	42.50 - 43.50	1.0000	1.0000
L31	2	Step Pegs	37.50 - 42.50	1.0000	1.0000
L31	4	HB158-21U6S24-xxM_TMO(1-5/8)	37.50 - 42.50	1.0000	1.0000
L31	13	FB-L98B-002-75000(3/8)	37.50 - 42.50	1.0000	1.0000
L31	14	WR-VG122ST-BRDA(7/16)	37.50 - 42.50	1.0000	1.0000
L31	15	WR-VG66ST-BRD(7/8)	37.50 - 42.50	1.0000	1.0000
L31	17	CU12PSM9P6XXX(1-1/2)	37.50 - 42.50	1.0000	1.0000
L31	26	CCI-SFP-060100	37.50 - 42.50	1.0000	1.0000
L31	27	CCI-SFP-060100	37.50 - 42.50	1.0000	1.0000
L31	28	CCI-SFP-060100	37.50 - 42.50	1.0000	1.0000
L32	2	Step Pegs	33.00 - 37.50	1.0000	1.0000
L32	4	HB158-21U6S24-xxM_TMO(1-5/8)	33.00 - 37.50	1.0000	1.0000
L32	13	FB-L98B-002-75000(3/8)	33.00 - 37.50	1.0000	1.0000
L32	14	WR-VG122ST-BRDA(7/16)	33.00 - 37.50	1.0000	1.0000
L32	15	WR-VG66ST-BRD(7/8)	33.00 - 37.50	1.0000	1.0000
L32	17	CU12PSM9P6XXX(1-1/2)	33.00 - 37.50	1.0000	1.0000
L32	26	CCI-SFP-060100	33.00 - 37.50	1.0000	1.0000
L32	27	CCI-SFP-060100	33.00 - 37.50	1.0000	1.0000
L32	28	CCI-SFP-060100	33.00 - 37.50	1.0000	1.0000
L33	2	Step Pegs	32.75 - 33.00	1.0000	1.0000
L33	4	HB158-21U6S24-xxM_TMO(1-5/8)	32.75 - 33.00	1.0000	1.0000
L33	13	FB-L98B-002-75000(3/8)	32.75 - 33.00	1.0000	1.0000
L33	14	WR-VG122ST-BRDA(7/16)	32.75 - 33.00	1.0000	1.0000
L33	15	WR-VG66ST-BRD(7/8)	32.75 - 33.00	1.0000	1.0000
L33	17	CU12PSM9P6XXX(1-1/2)	32.75 - 33.00	1.0000	1.0000
L33	26	CCI-SFP-060100	32.75 - 33.00	1.0000	1.0000
L33	27	CCI-SFP-060100	32.75 - 33.00	1.0000	1.0000
L33	28	CCI-SFP-060100	32.75 - 33.00	1.0000	1.0000
L34	2	Step Pegs	32.00 - 32.75	1.0000	1.0000
L34	4	HB158-21U6S24-xxM_TMO(1-5/8)	32.00 - 32.75	1.0000	1.0000
L34	13	FB-L98B-002-75000(3/8)	32.00 - 32.75	1.0000	1.0000
L34	14	WR-VG122ST-BRDA(7/16)	32.00 - 32.75	1.0000	1.0000
L34	15	WR-VG66ST-BRD(7/8)	32.00 - 32.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L34	17	CU12PSM9P6XXX(1-1/2)	32.00 - 32.75	1.0000	1.0000
L34	26	CCI-SFP-060100	32.00 - 32.75	1.0000	1.0000
L34	27	CCI-SFP-060100	32.00 - 32.75	1.0000	1.0000
L34	28	CCI-SFP-060100	32.00 - 32.75	1.0000	1.0000
L35	2	Step Pegs	31.75 - 32.00	1.0000	1.0000
L35	4	HB158-21U6S24-xxM_TMO(1-5/8)	31.75 - 32.00	1.0000	1.0000
L35	13	FB-L98B-002-75000(3/8)	31.75 - 32.00	1.0000	1.0000
L35	14	WR-VG122ST-BRDA(7/16)	31.75 - 32.00	1.0000	1.0000
L35	15	WR-VG66ST-BRD(7/8)	31.75 - 32.00	1.0000	1.0000
L35	17	CU12PSM9P6XXX(1-1/2)	31.75 - 32.00	1.0000	1.0000
L35	21	CCI-SFP-060100	31.75 - 32.00	1.0000	1.0000
L35	22	CCI-SFP-060100	31.75 - 32.00	1.0000	1.0000
L35	26	CCI-SFP-060100	31.75 - 32.00	1.0000	1.0000
L35	27	CCI-SFP-060100	31.75 - 32.00	1.0000	1.0000
L35	28	CCI-SFP-060100	31.75 - 32.00	1.0000	1.0000
L36	2	Step Pegs	28.00 - 31.75	1.0000	1.0000
L36	4	HB158-21U6S24-xxM_TMO(1-5/8)	28.00 - 31.75	1.0000	1.0000
L36	13	FB-L98B-002-75000(3/8)	28.00 - 31.75	1.0000	1.0000
L36	14	WR-VG122ST-BRDA(7/16)	28.00 - 31.75	1.0000	1.0000
L36	15	WR-VG66ST-BRD(7/8)	28.00 - 31.75	1.0000	1.0000
L36	17	CU12PSM9P6XXX(1-1/2)	28.00 - 31.75	1.0000	1.0000
L36	21	CCI-SFP-060100	28.00 - 31.75	1.0000	1.0000
L36	22	CCI-SFP-060100	28.00 - 31.75	1.0000	1.0000
L36	23	CCI-SFP-060100	28.00 - 30.00	1.0000	1.0000
L36	24	CCI-SFP-060100	28.00 - 30.00	1.0000	1.0000
L36	26	CCI-SFP-060100	30.00 - 31.75	1.0000	1.0000
L36	27	CCI-SFP-060100	30.00 - 31.75	1.0000	1.0000
L36	28	CCI-SFP-060100	30.00 - 31.75	1.0000	1.0000
L37	2	Step Pegs	27.75 - 28.00	1.0000	1.0000
L37	4	HB158-21U6S24-xxM_TMO(1-5/8)	27.75 - 28.00	1.0000	1.0000
L37	13	FB-L98B-002-75000(3/8)	27.75 - 28.00	1.0000	1.0000
L37	14	WR-VG122ST-BRDA(7/16)	27.75 - 28.00	1.0000	1.0000
L37	15	WR-VG66ST-BRD(7/8)	27.75 - 28.00	1.0000	1.0000
L37	17	CU12PSM9P6XXX(1-1/2)	27.75 - 28.00	1.0000	1.0000
L37	21	CCI-SFP-060100	27.75 - 28.00	1.0000	1.0000
L37	22	CCI-SFP-060100	27.75 - 28.00	1.0000	1.0000
L37	23	CCI-SFP-060100	27.75 - 28.00	1.0000	1.0000
L37	24	CCI-SFP-060100	27.75 - 28.00	1.0000	1.0000
L38	2	Step Pegs	22.75 - 27.75	1.0000	1.0000
L38	4	HB158-21U6S24-xxM_TMO(1-5/8)	22.75 - 27.75	1.0000	1.0000
L38	13	FB-L98B-002-75000(3/8)	22.75 - 27.75	1.0000	1.0000
L38	14	WR-VG122ST-BRDA(7/16)	22.75 - 27.75	1.0000	1.0000
L38	15	WR-VG66ST-BRD(7/8)	22.75 - 27.75	1.0000	1.0000
L38	17	CU12PSM9P6XXX(1-1/2)	22.75 - 27.75	1.0000	1.0000
L38	21	CCI-SFP-060100	22.75 - 27.75	1.0000	1.0000
L38	22	CCI-SFP-060100	22.75 - 27.75	1.0000	1.0000
L38	23	CCI-SFP-060100	22.75 - 27.75	1.0000	1.0000
L38	24	CCI-SFP-060100	22.75 - 27.75	1.0000	1.0000
L39	2	Step Pegs	17.75 - 22.75	1.0000	1.0000
L39	4	HB158-21U6S24-xxM_TMO(1-5/8)	17.75 - 22.75	1.0000	1.0000
L39	13	FB-L98B-002-75000(3/8)	17.75 - 22.75	1.0000	1.0000
L39	14	WR-VG122ST-BRDA(7/16)	17.75 - 22.75	1.0000	1.0000
L39	15	WR-VG66ST-BRD(7/8)	17.75 - 22.75	1.0000	1.0000
L39	17	CU12PSM9P6XXX(1-1/2)	17.75 - 22.75	1.0000	1.0000
L39	21	CCI-SFP-060100	17.75 - 22.75	1.0000	1.0000
L39	22	CCI-SFP-060100	17.75 - 22.75	1.0000	1.0000
L39	23	CCI-SFP-060100	17.75 - 22.75	1.0000	1.0000
L39	24	CCI-SFP-060100	17.75 - 22.75	1.0000	1.0000
L40	2	Step Pegs	12.75 - 17.75	1.0000	1.0000
L40	4	HB158-21U6S24-xxM_TMO(1-5/8)	12.75 - 17.75	1.0000	1.0000
L40	13	FB-L98B-002-75000(3/8)	12.75 - 17.75	1.0000	1.0000
L40	14	WR-VG122ST-BRDA(7/16)	12.75 - 17.75	1.0000	1.0000
L40	15	WR-VG66ST-BRD(7/8)	12.75 - 17.75	1.0000	1.0000
L40	17	CU12PSM9P6XXX(1-1/2)	12.75 - 17.75	1.0000	1.0000
L40	21	CCI-SFP-060100	12.75 - 17.75	1.0000	1.0000
L40	22	CCI-SFP-060100	12.75 - 17.75	1.0000	1.0000
L40	23	CCI-SFP-060100	12.75 - 17.75	1.0000	1.0000
L40	24	CCI-SFP-060100	12.75 - 17.75	1.0000	1.0000
L41	2	Step Pegs	10.00 - 12.75	1.0000	1.0000
L41	4	HB158-21U6S24-xxM_TMO(1-5/8)	7.75 - 12.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L41	13	FB-L98B-002-75000(3/8)	7.75 - 12.75	1.0000	1.0000
L41	14	WR-VG122ST-BRDA(7/16)	7.75 - 12.75	1.0000	1.0000
L41	15	WR-VG66ST-BRD(7/8)	7.75 - 12.75	1.0000	1.0000
L41	17	CU12PSM9P6XXX(1-1/2)	7.75 - 12.75	1.0000	1.0000
L41	21	CCI-SFP-060100	7.75 - 12.75	1.0000	1.0000
L41	22	CCI-SFP-060100	7.75 - 12.75	1.0000	1.0000
L41	23	CCI-SFP-060100	7.75 - 12.75	1.0000	1.0000
L41	24	CCI-SFP-060100	7.75 - 12.75	1.0000	1.0000
L42	4	HB158-21U6S24-xxM_TMO(1-5/8)	6.00 - 7.75	1.0000	1.0000
L42	13	FB-L98B-002-75000(3/8)	6.00 - 7.75	1.0000	1.0000
L42	14	WR-VG122ST-BRDA(7/16)	6.00 - 7.75	1.0000	1.0000
L42	15	WR-VG66ST-BRD(7/8)	6.00 - 7.75	1.0000	1.0000
L42	17	CU12PSM9P6XXX(1-1/2)	6.00 - 7.75	1.0000	1.0000
L42	21	CCI-SFP-060100	2.75 - 7.75	1.0000	1.0000
L42	22	CCI-SFP-060100	2.75 - 7.75	1.0000	1.0000
L42	23	CCI-SFP-060100	2.75 - 7.75	1.0000	1.0000
L42	24	CCI-SFP-060100	2.75 - 7.75	1.0000	1.0000
L43	21	CCI-SFP-060100	0.00 - 2.75	1.0000	1.0000
L43	22	CCI-SFP-060100	0.00 - 2.75	1.0000	1.0000
L43	23	CCI-SFP-060100	0.00 - 2.75	1.0000	1.0000
L43	24	CCI-SFP-060100	0.00 - 2.75	1.0000	1.0000

Effective Width of Flat Linear Attachments / Feed Lines

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L9	26	CCI-SFP-060100	108.00 - 110.00	Auto	0.4540
L9	27	CCI-SFP-060100	108.00 - 110.00	Auto	0.4540
L9	28	CCI-SFP-060100	108.00 - 110.00	Auto	0.4540
L10	26	CCI-SFP-060100	107.75 - 108.00	Auto	0.5420
L10	27	CCI-SFP-060100	107.75 - 108.00	Auto	0.5420
L10	28	CCI-SFP-060100	107.75 - 108.00	Auto	0.5420
L11	26	CCI-SFP-060100	102.75 - 107.75	Auto	0.5176
L11	27	CCI-SFP-060100	102.75 - 107.75	Auto	0.5176
L11	28	CCI-SFP-060100	102.75 - 107.75	Auto	0.5176
L12	26	CCI-SFP-060100	97.75 - 102.75	Auto	0.4814
L12	27	CCI-SFP-060100	97.75 - 102.75	Auto	0.4814
L12	28	CCI-SFP-060100	97.75 - 102.75	Auto	0.4814
L13	26	CCI-SFP-060100	92.75 - 97.75	Auto	0.4452
L13	27	CCI-SFP-060100	92.75 - 97.75	Auto	0.4452
L13	28	CCI-SFP-060100	92.75 - 97.75	Auto	0.4452
L14	26	CCI-SFP-060100	88.08 - 92.75	Auto	0.4138
L14	27	CCI-SFP-060100	88.08 - 92.75	Auto	0.4138
L14	28	CCI-SFP-060100	88.08 - 92.75	Auto	0.4138
L15	26	CCI-SFP-060100	86.92 - 88.08	Auto	0.4278
L15	27	CCI-SFP-060100	86.92 - 88.08	Auto	0.4278
L15	28	CCI-SFP-060100	86.92 - 88.08	Auto	0.4278
L16	26	CCI-SFP-060100	83.00 - 86.92	Auto	0.4076
L16	27	CCI-SFP-060100	83.00 - 86.92	Auto	0.4076
L16	28	CCI-SFP-060100	83.00 - 86.92	Auto	0.4076
L17	26	CCI-SFP-060100	82.75 - 83.00	Auto	0.4051
L17	27	CCI-SFP-060100	82.75 - 83.00	Auto	0.4051
L17	28	CCI-SFP-060100	82.75 - 83.00	Auto	0.4051
L18	26	CCI-SFP-060100	77.75 - 82.75	Auto	0.3843
L18	27	CCI-SFP-060100	77.75 - 82.75	Auto	0.3843
L18	28	CCI-SFP-060100	77.75 - 82.75	Auto	0.3843
L19	26	CCI-SFP-060100	77.00 - 77.75	Auto	0.3620
L19	27	CCI-SFP-060100	77.00 - 77.75	Auto	0.3620
L19	28	CCI-SFP-060100	77.00 - 77.75	Auto	0.3620
L20	26	CCI-SFP-060100	76.75 - 77.00	Auto	0.3514
L20	27	CCI-SFP-060100	76.75 - 77.00	Auto	0.3514
L20	28	CCI-SFP-060100	76.75 - 77.00	Auto	0.3514
L21	26	CCI-SFP-060100	75.00 - 76.75	Auto	0.3449
L21	27	CCI-SFP-060100	75.00 - 76.75	Auto	0.3449
L21	28	CCI-SFP-060100	75.00 - 76.75	Auto	0.3449

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L22	26	CCI-SFP-060100	74.75 - 75.00	Auto	0.3457
L22	27	CCI-SFP-060100	74.75 - 75.00	Auto	0.3457
L22	28	CCI-SFP-060100	74.75 - 75.00	Auto	0.3457
L23	26	CCI-SFP-060100	69.75 - 74.75	Auto	0.3250
L23	27	CCI-SFP-060100	69.75 - 74.75	Auto	0.3250
L23	28	CCI-SFP-060100	69.75 - 74.75	Auto	0.3250
L24	26	CCI-SFP-060100	64.75 - 69.75	Auto	0.2888
L24	27	CCI-SFP-060100	64.75 - 69.75	Auto	0.2888
L24	28	CCI-SFP-060100	64.75 - 69.75	Auto	0.2888
L25	26	CCI-SFP-060100	63.00 - 64.75	Auto	0.2668
L25	27	CCI-SFP-060100	63.00 - 64.75	Auto	0.2668
L25	28	CCI-SFP-060100	63.00 - 64.75	Auto	0.2668
L26	26	CCI-SFP-060100	62.75 - 63.00	Auto	0.2530
L26	27	CCI-SFP-060100	62.75 - 63.00	Auto	0.2530
L26	28	CCI-SFP-060100	62.75 - 63.00	Auto	0.2530
L27	26	CCI-SFP-060100	57.75 - 62.75	Auto	0.2323
L27	27	CCI-SFP-060100	57.75 - 62.75	Auto	0.2323
L27	28	CCI-SFP-060100	57.75 - 62.75	Auto	0.2323
L28	26	CCI-SFP-060100	52.75 - 57.75	Auto	0.1998
L28	27	CCI-SFP-060100	52.75 - 57.75	Auto	0.1998
L28	28	CCI-SFP-060100	52.75 - 57.75	Auto	0.1998
L29	26	CCI-SFP-060100	43.50 - 52.75	Auto	0.1497
L29	27	CCI-SFP-060100	43.50 - 52.75	Auto	0.1497
L29	28	CCI-SFP-060100	43.50 - 52.75	Auto	0.1497
L30	26	CCI-SFP-060100	42.50 - 43.50	Auto	0.1385
L30	27	CCI-SFP-060100	42.50 - 43.50	Auto	0.1385
L30	28	CCI-SFP-060100	42.50 - 43.50	Auto	0.1385
L31	26	CCI-SFP-060100	37.50 - 42.50	Auto	0.1154
L31	27	CCI-SFP-060100	37.50 - 42.50	Auto	0.1154
L31	28	CCI-SFP-060100	37.50 - 42.50	Auto	0.1154
L32	26	CCI-SFP-060100	33.00 - 37.50	Auto	0.0846
L32	27	CCI-SFP-060100	33.00 - 37.50	Auto	0.0846
L32	28	CCI-SFP-060100	33.00 - 37.50	Auto	0.0846
L33	26	CCI-SFP-060100	32.75 - 33.00	Auto	0.1022
L33	27	CCI-SFP-060100	32.75 - 33.00	Auto	0.1022
L33	28	CCI-SFP-060100	32.75 - 33.00	Auto	0.1022
L34	26	CCI-SFP-060100	32.00 - 32.75	Auto	0.0990
L34	27	CCI-SFP-060100	32.00 - 32.75	Auto	0.0990
L34	28	CCI-SFP-060100	32.00 - 32.75	Auto	0.0990
L35	21	CCI-SFP-060100	31.75 - 32.00	Auto	0.0737
L35	22	CCI-SFP-060100	31.75 - 32.00	Auto	0.0737
L35	26	CCI-SFP-060100	31.75 - 32.00	Auto	0.0737
L35	27	CCI-SFP-060100	31.75 - 32.00	Auto	0.0737
L35	28	CCI-SFP-060100	31.75 - 32.00	Auto	0.0737
L36	21	CCI-SFP-060100	28.00 - 31.75	Auto	0.0571
L36	22	CCI-SFP-060100	28.00 - 31.75	Auto	0.0571
L36	23	CCI-SFP-060100	28.00 - 30.00	Auto	0.0514
L36	24	CCI-SFP-060100	28.00 - 30.00	Auto	0.0514
L36	26	CCI-SFP-060100	30.00 - 31.75	Auto	0.0636
L36	27	CCI-SFP-060100	30.00 - 31.75	Auto	0.0636
L36	28	CCI-SFP-060100	30.00 - 31.75	Auto	0.0636
L37	21	CCI-SFP-060100	27.75 - 28.00	Auto	0.0441
L37	22	CCI-SFP-060100	27.75 - 28.00	Auto	0.0441
L37	23	CCI-SFP-060100	27.75 - 28.00	Auto	0.0441
L37	24	CCI-SFP-060100	27.75 - 28.00	Auto	0.0441
L38	21	CCI-SFP-060100	22.75 - 27.75	Auto	0.0271
L38	22	CCI-SFP-060100	22.75 - 27.75	Auto	0.0271
L38	23	CCI-SFP-060100	22.75 - 27.75	Auto	0.0271
L38	24	CCI-SFP-060100	22.75 - 27.75	Auto	0.0271
L39	21	CCI-SFP-060100	17.75 - 22.75	Auto	0.0008
L39	22	CCI-SFP-060100	17.75 - 22.75	Auto	0.0008
L39	23	CCI-SFP-060100	17.75 - 22.75	Auto	0.0008
L39	24	CCI-SFP-060100	17.75 - 22.75	Auto	0.0008
L40	21	CCI-SFP-060100	12.75 - 17.75	Auto	0.0000
L40	22	CCI-SFP-060100	12.75 - 17.75	Auto	0.0000
L40	23	CCI-SFP-060100	12.75 - 17.75	Auto	0.0000
L40	24	CCI-SFP-060100	12.75 - 17.75	Auto	0.0000
L41	21	CCI-SFP-060100	7.75 - 12.75	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L41	22	CCI-SFP-060100	7.75 - 12.75	Auto	0.0000
L41	23	CCI-SFP-060100	7.75 - 12.75	Auto	0.0000
L41	24	CCI-SFP-060100	7.75 - 12.75	Auto	0.0000
L42	21	CCI-SFP-060100	2.75 - 7.75	Auto	0.0000
L42	22	CCI-SFP-060100	2.75 - 7.75	Auto	0.0000
L42	23	CCI-SFP-060100	2.75 - 7.75	Auto	0.0000
L42	24	CCI-SFP-060100	2.75 - 7.75	Auto	0.0000
L43	21	CCI-SFP-060100	0.00 - 2.75	Auto	0.0000
L43	22	CCI-SFP-060100	0.00 - 2.75	Auto	0.0000
L43	23	CCI-SFP-060100	0.00 - 2.75	Auto	0.0000
L43	24	CCI-SFP-060100	0.00 - 2.75	Auto	0.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
******									
VV-65A-R1_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	4.46 4.91 5.36	2.69 3.10 3.52	0.05 0.10 0.15
VV-65A-R1_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	4.46 4.91 5.36	2.69 3.10 3.52	0.05 0.10 0.15
VV-65A-R1_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	4.46 4.91 5.36	2.69 3.10 3.52	0.05 0.10 0.15
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	14.69 15.46 16.23	6.87 7.55 8.25	0.18 0.31 0.45
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	14.69 15.46 16.23	6.87 7.55 8.25	0.18 0.31 0.45
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	14.69 15.46 16.23	6.87 7.55 8.25	0.18 0.31 0.45
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	5.19 5.59 6.02	2.71 3.04 3.38	0.13 0.17 0.23
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	5.19 5.59 6.02	2.71 3.04 3.38	0.13 0.17 0.23
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	5.19 5.59 6.02	2.71 3.04 3.38	0.13 0.17 0.23
RADIO 4415 B66A	A	From Leg	4.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice 1" Ice	1.86 2.03 2.20	0.87 1.00 1.13	0.05 0.06 0.08
RADIO 4415 B66A	B	From Leg	4.00 0.00 0.00	0.0000	152.00	No Ice 1/2" Ice Ice	1.86 2.03 2.20	0.87 1.00 1.13	0.05 0.06 0.08

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
RADIO 4415 B66A	C	From Leg	4.00	0.0000	152.00	No Ice	1.86	0.87	0.05
			0.00			1/2" Ice	2.03	1.00	0.06
			0.00			1" Ice	2.20	1.13	0.08
RADIO 2X2212 B2	A	From Leg	4.00	0.0000	152.00	No Ice	1.74	1.86	0.08
			0.00			1/2" Ice	1.90	2.03	0.10
			0.00			1" Ice	2.08	2.20	0.13
RADIO 2X2212 B2	B	From Leg	4.00	0.0000	152.00	No Ice	1.74	1.86	0.08
			0.00			1/2" Ice	1.90	2.03	0.10
			0.00			1" Ice	2.08	2.20	0.13
RADIO 2X2212 B2	C	From Leg	4.00	0.0000	152.00	No Ice	1.74	1.86	0.08
			0.00			1/2" Ice	1.90	2.03	0.10
			0.00			1" Ice	2.08	2.20	0.13
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	4.00	0.0000	152.00	No Ice	1.97	1.59	0.07
			0.00			1/2" Ice	2.15	1.75	0.09
			0.00			1" Ice	2.33	1.92	0.12
RADIO 4449 B71 B85A_T-MOBILE	B	From Leg	4.00	0.0000	152.00	No Ice	1.97	1.59	0.07
			0.00			1/2" Ice	2.15	1.75	0.09
			0.00			1" Ice	2.33	1.92	0.12
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	4.00	0.0000	152.00	No Ice	1.97	1.59	0.07
			0.00			1/2" Ice	2.15	1.75	0.09
			0.00			1" Ice	2.33	1.92	0.12
7'x2" Antenna Mount Pipe	A	From Leg	4.00	0.0000	152.00	No Ice	1.66	1.66	0.03
			0.00			1/2" Ice	2.39	2.39	0.04
			0.00			1" Ice	2.83	2.83	0.06
7'x2" Antenna Mount Pipe	B	From Leg	4.00	0.0000	152.00	No Ice	1.66	1.66	0.03
			0.00			1/2" Ice	2.39	2.39	0.04
			0.00			1" Ice	2.83	2.83	0.06
7'x2" Antenna Mount Pipe	C	From Leg	4.00	0.0000	152.00	No Ice	1.66	1.66	0.03
			0.00			1/2" Ice	2.39	2.39	0.04
			0.00			1" Ice	2.83	2.83	0.06
Platform Mount [LP 303-1_HR-1]	C	None		0.0000	152.00	No Ice	17.09	17.09	1.50
						1/2" Ice	21.47	21.47	1.88
						1" Ice	25.72	25.72	2.35
******									
4.5' x 2" Mount Pipe	B	From Leg	0.00	0.0000	139.00	No Ice	1.02	1.02	0.00
			0.00			1/2" Ice	1.30	1.30	0.01
			0.00			1" Ice	1.58	1.58	0.02
Platform Mount [LP 304-1_HR-1]	C	None		0.0000	139.00	No Ice	21.41	21.41	1.60
						1/2" Ice	26.62	26.62	2.06
						1" Ice	31.66	31.66	2.60
***									
(2) DB846H80E-SX w/ Mount Pipe	A	From Leg	4.00	0.0000	139.00	No Ice	4.12	6.38	0.05
			0.00			1/2" Ice	4.76	7.05	0.10
			1.00			1" Ice	5.42	7.74	0.17
(2) DB846H80E-SX w/ Mount Pipe	C	From Leg	4.00	0.0000	139.00	No Ice	4.12	6.38	0.05
			0.00			1/2" Ice	4.76	7.05	0.10
			1.00			1" Ice	5.42	7.74	0.17
(2) MX06FRO660-03 w/ Mount Pipe	A	From Leg	4.00	0.0000	139.00	No Ice	6.54	5.55	0.10
			0.00			1/2"	7.06	6.05	0.18

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
			1.00			Ice	7.60	6.57	0.28
						1" Ice			
(2) MX06FRO660-03 w/ Mount Pipe	B	From Leg	4.00	0.0000	139.00	No Ice	6.54	5.55	0.10
			0.00			1/2"	7.06	6.05	0.18
			1.00			Ice	7.60	6.57	0.28
						1" Ice			
(2) MX06FRO660-03 w/ Mount Pipe	C	From Leg	4.00	0.0000	139.00	No Ice	6.54	5.55	0.10
			0.00			1/2"	7.06	6.05	0.18
			1.00			Ice	7.60	6.57	0.28
						1" Ice			
MT6407-77A w/ Mount Pipe	A	From Leg	4.00	0.0000	139.00	No Ice	5.94	3.10	0.10
			0.00			1/2"	6.47	3.55	0.13
			1.00			Ice	7.02	4.02	0.18
						1" Ice			
MT6407-77A w/ Mount Pipe	B	From Leg	4.00	0.0000	139.00	No Ice	5.94	3.10	0.10
			0.00			1/2"	6.47	3.55	0.13
			1.00			Ice	7.02	4.02	0.18
						1" Ice			
MT6407-77A w/ Mount Pipe	C	From Leg	4.00	0.0000	139.00	No Ice	5.94	3.10	0.10
			0.00			1/2"	6.47	3.55	0.13
			1.00			Ice	7.02	4.02	0.18
						1" Ice			
(2) DB846F65ZAXY w/ Mount Pipe	B	From Leg	4.00	0.0000	139.00	No Ice	6.10	6.81	0.06
			0.00			1/2"	6.80	7.52	0.12
			1.00			Ice	7.51	8.24	0.19
						1" Ice			
FDJ85020Q7-S1	A	From Leg	4.00	0.0000	139.00	No Ice	0.96	0.36	0.02
			0.00			1/2"	1.09	0.43	0.03
			1.00			Ice	1.24	0.52	0.04
						1" Ice			
FDJ85020Q7-S1	B	From Leg	4.00	0.0000	139.00	No Ice	0.96	0.36	0.02
			0.00			1/2"	1.09	0.43	0.03
			1.00			Ice	1.24	0.52	0.04
						1" Ice			
FDJ85020Q7-S1	C	From Leg	4.00	0.0000	139.00	No Ice	0.96	0.36	0.02
			0.00			1/2"	1.09	0.43	0.03
			1.00			Ice	1.24	0.52	0.04
						1" Ice			
RF4439D-25A	A	From Leg	4.00	0.0000	139.00	No Ice	1.87	1.25	0.07
			0.00			1/2"	2.03	1.39	0.09
			1.00			Ice	2.21	1.54	0.11
						1" Ice			
RF4439D-25A	B	From Leg	4.00	0.0000	139.00	No Ice	1.87	1.25	0.07
			0.00			1/2"	2.03	1.39	0.09
			1.00			Ice	2.21	1.54	0.11
						1" Ice			
RF4439D-25A	C	From Leg	4.00	0.0000	139.00	No Ice	1.87	1.25	0.07
			0.00			1/2"	2.03	1.39	0.09
			1.00			Ice	2.21	1.54	0.11
						1" Ice			
(2) BSF0020F3V1	A	From Leg	4.00	0.0000	139.00	No Ice	0.96	0.29	0.02
			0.00			1/2"	1.09	0.36	0.02
			1.00			Ice	1.22	0.45	0.03
						1" Ice			
RF4440D-13A	C	From Leg	4.00	0.0000	139.00	No Ice	1.87	1.13	0.07
			0.00			1/2"	2.03	1.27	0.09
			1.00			Ice	2.21	1.41	0.11
						1" Ice			
RF4440D-13A	A	From Leg	4.00	0.0000	139.00	No Ice	1.87	1.13	0.07
			0.00			1/2"	2.03	1.27	0.09
			1.00			Ice	2.21	1.41	0.11
						1" Ice			
RF4440D-13A	B	From Leg	4.00	0.0000	139.00	No Ice	1.87	1.13	0.07
			0.00			1/2"	2.03	1.27	0.09
			1.00			Ice	2.21	1.41	0.11

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
RVZDC-6627-PF-48	A	From Leg	4.00 0.00 1.00	0.0000	139.00	No Ice 1/2" Ice 1" Ice	3.79 4.04 4.30	2.51 2.73 2.95	0.03 0.06 0.10
******									
7770.00 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	3.39 3.75 4.12	2.32 2.66 3.02	0.06 0.10 0.15
7770.00 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	3.39 3.75 4.12	2.32 2.66 3.02	0.06 0.10 0.15
7770.00 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	3.39 3.75 4.12	2.32 2.66 3.02	0.06 0.10 0.15
OPA65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	12.25 13.00 13.76	6.05 6.71 7.39	0.09 0.18 0.27
OPA65R-BU6D w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	12.25 13.00 13.76	6.05 6.71 7.39	0.09 0.18 0.27
OPA65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	12.25 13.00 13.76	6.05 6.71 7.39	0.09 0.18 0.27
DMP65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	11.96 12.70 13.46	5.97 6.63 7.30	0.11 0.20 0.30
DMP65R-BU6D w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	11.96 12.70 13.46	5.97 6.63 7.30	0.11 0.20 0.30
DMP65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	11.96 12.70 13.46	5.97 6.63 7.30	0.11 0.20 0.30
RRUS 8843 B2/B66A	A	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	1.35 1.50 1.65	0.07 0.09 0.11
RRUS 8843 B2/B66A	B	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	1.35 1.50 1.65	0.07 0.09 0.11
RRUS 8843 B2/B66A	C	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	1.35 1.50 1.65	0.07 0.09 0.11
RRUS 4478 B14	A	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	1.84 2.01 2.19	1.06 1.20 1.34	0.06 0.08 0.09
RRUS 4478 B14	B	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	1.84 2.01 2.19	1.06 1.20 1.34	0.06 0.08 0.09
RRUS 4478 B14	C	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	1.84 2.01 2.19	1.06 1.20 1.34	0.06 0.08 0.09

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
RRUS 4449 B5/B12	A	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	1.97 2.14 2.33	1.41 1.56 1.73	0.07 0.09 0.11
(2) RRUS 4449 B5/B12	B	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	1.97 2.14 2.33	1.41 1.56 1.73	0.07 0.09 0.11
DC6-48-60-18-8F	A	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	0.92 1.46 1.64	0.92 1.46 1.64	0.02 0.04 0.06
DC6-48-60-18-8F	B	From Leg	4.00 0.00 1.00	0.0000	132.00	No Ice 1/2" Ice 1" Ice	0.92 1.46 1.64	0.92 1.46 1.64	0.02 0.04 0.06
Side Arm Mount [SO 102-3]	C	None		0.0000	132.00	No Ice 1/2" Ice 1" Ice	3.60 4.18 4.75	3.60 4.18 4.75	0.07 0.10 0.14
Platform Mount [LP 304-1_KCKR-HR-1]	C	None		0.0000	132.00	No Ice 1/2" Ice 1" Ice	32.63 40.84 49.05	32.63 40.84 49.05	1.88 2.47 3.20
******									
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	8.01 8.52 9.04	4.23 4.69 5.16	0.11 0.19 0.29
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	8.01 8.52 9.04	4.23 4.69 5.16	0.11 0.19 0.29
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	8.01 8.52 9.04	4.23 4.69 5.16	0.11 0.19 0.29
TA08025-B604	A	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.96 2.14 2.32	0.98 1.11 1.25	0.06 0.08 0.10
TA08025-B604	B	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.96 2.14 2.32	0.98 1.11 1.25	0.06 0.08 0.10
TA08025-B604	C	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.96 2.14 2.32	0.98 1.11 1.25	0.06 0.08 0.10
TA08025-B605	A	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.96 2.14 2.32	1.13 1.27 1.41	0.08 0.09 0.11
TA08025-B605	B	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.96 2.14 2.32	1.13 1.27 1.41	0.08 0.09 0.11
TA08025-B605	C	From Leg	4.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.96 2.14 2.32	1.13 1.27 1.41	0.08 0.09 0.11
RDIDC-9181-PF-48	A	From Leg	3.00 0.00 2.00	0.0000	120.00	No Ice 1/2" Ice	2.01 2.19 2.37	1.17 1.31 1.46	0.02 0.04 0.06

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
						1" Ice			
(2) 8' x 2" Mount Pipe	A	From Leg	3.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
(2) 8' x 2" Mount Pipe	B	From Leg	3.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
(2) 8' x 2" Mount Pipe	C	From Leg	3.00 0.00 0.00	0.0000	120.00	No Ice 1/2" Ice 1" Ice	1.90 2.73 3.40	1.90 2.73 3.40	0.03 0.04 0.06
Commscope MC-K6MHDX-9-96 (3)	C	None		0.0000	120.00	No Ice 1/2" Ice 1" Ice	15.30 20.48 25.66	15.30 20.48 25.66	1.19 1.71 2.22
******									
KS24019-L112A	C	From Leg	3.00 0.00 1.00	0.0000	79.00	No Ice 1/2" Ice 1" Ice	0.14 0.20 0.26	0.14 0.20 0.26	0.01 0.01 0.01
Side Arm Mount [SO 701-1]	C	From Leg	1.50 0.00 0.00	0.0000	79.00	No Ice 1/2" Ice 1" Ice	0.85 1.14 1.43	1.67 2.34 3.01	0.07 0.08 0.09
******									

Load Combinations

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

Comb. No.	Description
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	150 - 145	Pole	Max Tension	26	0.00	0.00	-0.00
			Max. Compression	26	-6.95	-3.87	0.05
			Max. Mx	8	-3.45	-33.94	-2.29
			Max. My	2	-3.45	0.94	32.40
			Max. Vy	8	4.75	-33.94	-2.29
			Max. Vx	2	-4.77	0.94	32.40
			Max. Torque	14			2.66
L2	145 - 140	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-7.32	-3.91	0.10
			Max. Mx	8	-3.67	-58.20	-3.82
			Max. My	2	-3.67	2.48	56.78
			Max. Vy	8	4.96	-58.20	-3.82
			Max. Vx	2	-4.98	2.48	56.78
			Max. Torque	14			2.66
L3	140 - 133.71	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-15.10	-4.17	0.85
			Max. Mx	8	-7.28	-93.35	-4.87
			Max. My	2	-7.27	3.78	92.46
			Max. Vy	8	9.97	-93.35	-4.87
			Max. Vx	2	-10.02	3.78	92.46
			Max. Torque	14			2.79
L4	133.71 - 131.293	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-23.01	-5.50	1.06
			Max. Mx	8	-11.26	-150.43	-6.69
			Max. My	2	-11.25	4.92	149.16
			Max. Vy	8	14.88	-150.43	-6.69
			Max. Vx	2	-14.94	4.92	149.16
			Max. Torque	14			3.24
L5	131.293 - 126.293	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-23.74	-5.62	1.16
			Max. Mx	8	-11.88	-225.30	-8.66
			Max. My	2	-11.86	6.89	224.37
			Max. Vy	8	15.09	-225.30	-8.66
			Max. Vx	2	-15.15	6.89	224.37
			Max. Torque	14			3.24
L6	126.293 - 121.293	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-24.49	-5.72	1.26
			Max. Mx	8	-12.53	-301.18	-10.63
			Max. My	2	-12.52	8.86	300.59
			Max. Vy	8	15.29	-301.18	-10.63
			Max. Vx	2	-15.35	8.86	300.59

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Torque	14			3.24
L7	121.293 - 116.293	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-29.83	-5.83	1.61
			Max. Mx	8	-15.56	-388.07	-12.53
			Max. My	2	-15.54	10.84	388.08
			Max. Vy	8	17.69	-388.07	-12.53
			Max. Vx	2	-17.78	10.84	388.08
			Max. Torque	14			3.24
L8	116.293 - 111.293	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-30.67	-5.93	1.73
			Max. Mx	8	-16.33	-476.81	-14.50
			Max. My	2	-16.31	12.82	477.31
			Max. Vy	8	17.85	-476.81	-14.50
			Max. Vx	2	-17.94	12.82	477.31
			Max. Torque	14			3.24
L9	111.293 - 108	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-31.28	-5.99	1.80
			Max. Mx	8	-16.85	-535.69	-15.79
			Max. My	2	-16.83	14.12	536.52
			Max. Vy	8	17.95	-535.69	-15.79
			Max. Vx	2	-18.04	14.12	536.52
			Max. Torque	14			3.23
L10	108 - 107.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-31.35	-6.00	1.81
			Max. Mx	8	-16.92	-540.18	-15.88
			Max. My	2	-16.90	14.22	541.03
			Max. Vy	8	17.95	-540.18	-15.88
			Max. Vx	2	-18.04	14.22	541.03
			Max. Torque	14			3.23
L11	107.75 - 102.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.69	-6.09	1.92
			Max. Mx	8	-18.00	-630.57	-17.83
			Max. My	2	-17.98	16.19	631.95
			Max. Vy	8	18.23	-630.57	-17.83
			Max. Vx	2	-18.33	16.19	631.95
			Max. Torque	14			3.23
L12	102.75 - 97.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-34.06	-6.17	2.04
			Max. Mx	8	-19.11	-722.31	-19.77
			Max. My	2	-19.09	18.17	724.26
			Max. Vy	8	18.50	-722.31	-19.77
			Max. Vx	2	-18.60	18.17	724.26
			Max. Torque	14			3.23
L13	97.75 - 92.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.46	-6.25	2.16
			Max. Mx	8	-20.25	-815.38	-21.70
			Max. My	2	-20.24	20.14	817.92
			Max. Vy	8	18.76	-815.38	-21.70
			Max. Vx	2	-18.87	20.14	817.92
			Max. Torque	14			3.22
L14	92.75 - 88.0833	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.70	-6.27	2.18
			Max. Mx	8	-20.45	-831.02	-22.02
			Max. My	2	-20.43	20.47	833.67
			Max. Vy	8	18.80	-831.02	-22.02
			Max. Vx	2	-18.91	20.47	833.67
			Max. Torque	14			3.22
L15	88.0833 - 86.9166	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-38.02	-6.34	2.29
			Max. Mx	8	-22.34	-925.98	-23.96
			Max. My	2	-22.33	22.44	929.22
			Max. Vy	8	19.18	-925.98	-23.96
			Max. Vx	2	-19.29	22.44	929.22
			Max. Torque	14			3.22
L16	86.9166 - 83	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-39.23	-6.40	2.39
			Max. Mx	8	-23.34	-1001.43	-25.47
			Max. My	2	-23.33	23.99	1005.15
			Max. Vy	8	19.39	-1001.43	-25.47

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vx	2	-19.50	23.99	1005.15
			Max. Torque	14			3.22
L17	83 - 82.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-39.31	-6.41	2.40
			Max. Mx	8	-23.43	-1006.28	-25.57
			Max. My	2	-23.41	24.09	1010.03
			Max. Vy	8	19.39	-1006.28	-25.57
			Max. Vx	2	-19.50	24.09	1010.03
			Max. Torque	14			3.22
L18	82.75 - 77.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-41.12	-6.20	2.36
			Max. Mx	8	-24.92	-1103.74	-27.62
			Max. My	2	-24.91	26.27	1108.20
			Max. Vy	8	19.72	-1103.74	-27.62
			Max. Vx	2	-19.85	26.27	1108.20
			Max. Torque	14			3.22
L19	77.75 - 77	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-41.38	-6.21	2.38
			Max. Mx	8	-25.14	-1118.54	-27.92
			Max. My	2	-25.13	26.58	1123.10
			Max. Vy	8	19.76	-1118.54	-27.92
			Max. Vx	2	-19.88	26.58	1123.10
			Max. Torque	14			3.06
L20	77 - 76.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-41.46	-6.22	2.39
			Max. Mx	8	-25.21	-1123.48	-28.02
			Max. My	2	-25.20	26.68	1128.07
			Max. Vy	8	19.77	-1123.48	-28.02
			Max. Vx	2	-19.89	26.68	1128.07
			Max. Torque	14			3.06
L21	76.75 - 75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-42.02	-6.24	2.43
			Max. Mx	8	-25.67	-1158.14	-28.71
			Max. My	2	-25.65	27.39	1162.97
			Max. Vy	8	19.88	-1158.14	-28.71
			Max. Vx	2	-20.00	27.39	1162.97
			Max. Torque	14			3.06
L22	75 - 74.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-42.10	-6.25	2.44
			Max. Mx	8	-25.76	-1163.10	-28.81
			Max. My	2	-25.74	27.50	1167.97
			Max. Vy	8	19.87	-1163.10	-28.81
			Max. Vx	2	-20.00	27.50	1167.97
			Max. Torque	14			3.06
L23	74.75 - 69.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-43.85	-6.31	2.56
			Max. Mx	8	-27.22	-1263.09	-30.79
			Max. My	2	-27.21	29.53	1268.64
			Max. Vy	8	20.15	-1263.09	-30.79
			Max. Vx	2	-20.27	29.53	1268.64
			Max. Torque	14			3.06
L24	69.75 - 64.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-45.62	-6.37	2.69
			Max. Mx	8	-28.72	-1364.40	-32.76
			Max. My	2	-28.71	31.56	1370.63
			Max. Vy	8	20.41	-1364.40	-32.76
			Max. Vx	2	-20.53	31.56	1370.63
			Max. Torque	14			3.06
L25	64.75 - 63	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-46.25	-6.39	2.73
			Max. Mx	8	-29.24	-1400.16	-33.45
			Max. My	2	-29.23	32.27	1406.64
			Max. Vy	8	20.51	-1400.16	-33.45
			Max. Vx	2	-20.64	32.27	1406.64
			Max. Torque	14			3.06
L26	63 - 62.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-46.33	-6.40	2.74
			Max. Mx	8	-29.33	-1405.29	-33.55
			Max. My	2	-29.32	32.37	1411.80

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	8	20.50	-1405.29	-33.55
			Max. Vx	2	-20.63	32.37	1411.80
			Max. Torque	14			3.06
L27	62.75 - 57.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-48.03	-6.45	2.87
			Max. Mx	8	-30.75	-1508.37	-35.50
			Max. My	2	-30.73	34.39	1515.56
			Max. Vy	8	20.76	-1508.37	-35.50
			Max. Vx	2	-20.88	34.39	1515.56
			Max. Torque	14			3.06
L28	57.75 - 52.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-49.75	-6.51	3.00
			Max. Mx	8	-32.20	-1612.64	-37.45
			Max. My	2	-32.19	36.40	1620.53
			Max. Vy	8	20.99	-1612.64	-37.45
			Max. Vx	2	-21.12	36.40	1620.53
			Max. Torque	14			3.05
L29	52.75 - 43.4966	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-51.25	-6.55	3.11
			Max. Mx	8	-33.45	-1702.26	-39.09
			Max. My	2	-33.44	38.10	1710.73
			Max. Vy	8	21.19	-1702.26	-39.09
			Max. Vx	2	-21.31	38.10	1710.73
			Max. Torque	14			3.05
L30	43.4966 - 42.4966	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-54.77	-6.61	3.27
			Max. Mx	8	-36.40	-1830.50	-41.39
			Max. My	2	-36.39	40.49	1839.80
			Max. Vy	8	21.58	-1830.50	-41.39
			Max. Vx	2	-21.70	40.49	1839.80
			Max. Torque	14			3.05
L31	42.4966 - 37.4966	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-56.56	-6.65	3.41
			Max. Mx	8	-37.92	-1938.76	-43.31
			Max. My	2	-37.92	42.48	1948.74
			Max. Vy	8	21.77	-1938.76	-43.31
			Max. Vx	2	-21.89	42.48	1948.74
			Max. Torque	14			3.05
L32	37.4966 - 33	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-58.19	-6.67	3.52
			Max. Mx	8	-39.31	-2036.90	-45.01
			Max. My	2	-39.31	44.26	2047.50
			Max. Vy	8	21.93	-2036.90	-45.01
			Max. Vx	2	-22.05	44.26	2047.50
			Max. Torque	14			3.05
L33	33 - 32.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-58.30	-6.67	3.53
			Max. Mx	8	-39.41	-2042.38	-45.11
			Max. My	2	-39.41	44.35	2053.02
			Max. Vy	8	21.93	-2042.38	-45.11
			Max. Vx	2	-22.05	44.35	2053.02
			Max. Torque	14			3.05
L34	32.75 - 32	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-58.61	-6.68	3.54
			Max. Mx	8	-39.68	-2058.83	-45.39
			Max. My	2	-39.67	44.65	2069.57
			Max. Vy	8	21.97	-2058.83	-45.39
			Max. Vx	2	-22.09	44.65	2069.57
			Max. Torque	14			3.05
L35	32 - 31.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-58.71	-6.67	3.55
			Max. Mx	8	-39.77	-2064.32	-45.48
			Max. My	2	-39.76	44.75	2075.10
			Max. Vy	8	21.97	-2064.32	-45.48
			Max. Vx	2	-22.09	44.75	2075.10
			Max. Torque	14			3.05
L36	31.75 - 28	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-60.22	-6.66	3.66
			Max. Mx	8	-41.03	-2146.93	-46.89

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. My	2	-41.02	46.22	2158.21
			Max. Vy	8	22.12	-2146.93	-46.89
			Max. Vx	2	-22.24	46.22	2158.21
			Max. Torque	14			3.05
L37	28 - 27.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-60.32	-6.66	3.67
			Max. Mx	8	-41.12	-2152.45	-46.99
			Max. My	2	-41.12	46.32	2163.77
			Max. Vy	8	22.11	-2152.45	-46.99
			Max. Vx	2	-22.23	46.32	2163.77
			Max. Torque	14			3.05
L38	27.75 - 22.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-62.34	-6.67	3.79
			Max. Mx	8	-42.83	-2263.43	-48.85
			Max. My	2	-42.83	48.26	2275.43
			Max. Vy	8	22.31	-2263.43	-48.85
			Max. Vx	2	-22.43	48.26	2275.43
			Max. Torque	14			3.05
L39	22.75 - 17.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-64.37	-6.69	3.91
			Max. Mx	8	-44.57	-2375.31	-50.69
			Max. My	2	-44.57	50.19	2388.00
			Max. Vy	8	22.49	-2375.31	-50.69
			Max. Vx	2	-22.61	50.19	2388.00
			Max. Torque	14			3.05
L40	17.75 - 12.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-66.44	-6.70	4.03
			Max. Mx	8	-46.34	-2488.10	-52.52
			Max. My	2	-46.34	52.11	2501.47
			Max. Vy	8	22.67	-2488.10	-52.52
			Max. Vx	2	-22.79	52.11	2501.47
			Max. Torque	14			3.05
L41	12.75 - 7.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-68.50	-6.69	4.15
			Max. Mx	8	-48.13	-2601.78	-54.33
			Max. My	2	-48.13	54.02	2615.83
			Max. Vy	8	22.85	-2601.78	-54.33
			Max. Vx	2	-22.97	54.02	2615.83
			Max. Torque	14			3.05
L42	7.75 - 2.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-70.40	-6.70	4.18
			Max. Mx	8	-49.82	-2716.39	-56.17
			Max. My	2	-49.82	55.89	2731.06
			Max. Vy	8	23.03	-2716.39	-56.17
			Max. Vx	2	-23.15	55.89	2731.06
			Max. Torque	14			3.05
L43	2.75 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-71.39	-6.70	4.18
			Max. Mx	8	-50.71	-2779.82	-57.18
			Max. My	2	-50.71	56.91	2794.81
			Max. Vy	8	23.14	-2779.82	-57.18
			Max. Vx	2	-23.26	56.91	2794.81
			Max. Torque	14			3.05

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	32	71.39	-2.92	-5.01
	Max. H_x	20	50.73	23.12	0.37
	Max. H_z	2	50.73	0.37	23.23
	Max. M_x	2	2794.81	0.37	23.23
	Max. M_z	8	2779.82	-23.12	-0.37
	Max. Torsion	14	3.05	-0.37	-23.23

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
	Min. Vert	11	38.04	-20.20	-11.92
	Min. H_x	8	50.73	-23.12	-0.37
	Min. H_z	15	38.04	-0.37	-23.23
	Min. M_x	14	-2791.05	-0.37	-23.23
	Min. M_z	20	-2775.40	23.12	0.37
	Min. Torsion	2	-2.88	0.37	23.23

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	42.27	0.00	-0.00	-1.51	-1.75	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	50.73	-0.37	-23.23	-2794.81	56.91	2.88
0.9 Dead+1.0 Wind 0 deg - No Ice	38.04	-0.37	-23.23	-2739.94	56.20	2.83
1.2 Dead+1.0 Wind 30 deg - No Ice	50.73	11.24	-19.90	-2387.24	-1339.98	2.26
0.9 Dead+1.0 Wind 30 deg - No Ice	38.04	11.24	-19.90	-2340.36	-1313.46	2.22
1.2 Dead+1.0 Wind 60 deg - No Ice	50.73	19.84	-11.28	-1344.99	-2378.45	1.07
0.9 Dead+1.0 Wind 60 deg - No Ice	38.04	19.84	-11.28	-1318.47	-2331.63	1.04
1.2 Dead+1.0 Wind 90 deg - No Ice	50.73	23.12	0.37	57.18	-2779.82	-0.43
0.9 Dead+1.0 Wind 90 deg - No Ice	38.04	23.12	0.37	56.36	-2725.12	-0.44
1.2 Dead+1.0 Wind 120 deg - No Ice	50.73	20.20	11.92	1443.16	-2436.88	-1.88
0.9 Dead+1.0 Wind 120 deg - No Ice	38.04	20.20	11.92	1415.39	-2388.79	-1.85
1.2 Dead+1.0 Wind 150 deg - No Ice	50.73	13.11	22.40	2667.86	-1572.34	-2.77
0.9 Dead+1.0 Wind 150 deg - No Ice	38.04	13.11	22.40	2617.09	-1541.46	-2.72
1.2 Dead+1.0 Wind 180 deg - No Ice	50.73	0.37	23.23	2791.05	-61.22	-3.05
0.9 Dead+1.0 Wind 180 deg - No Ice	38.04	0.37	23.23	2737.19	-59.28	-2.99
1.2 Dead+1.0 Wind 210 deg - No Ice	50.73	-11.24	19.90	2383.43	1335.63	-2.36
0.9 Dead+1.0 Wind 210 deg - No Ice	38.04	-11.24	19.90	2337.57	1310.35	-2.31
1.2 Dead+1.0 Wind 240 deg - No Ice	50.73	-19.84	11.28	1341.17	2374.05	-1.00
0.9 Dead+1.0 Wind 240 deg - No Ice	38.04	-19.84	11.28	1315.68	2328.48	-0.97
1.2 Dead+1.0 Wind 270 deg - No Ice	50.73	-23.12	-0.37	-60.95	2775.40	0.60
0.9 Dead+1.0 Wind 270 deg - No Ice	38.04	-23.12	-0.37	-59.12	2721.96	0.60
1.2 Dead+1.0 Wind 300 deg - No Ice	50.73	-20.21	-11.92	-1447.37	2433.34	1.98
0.9 Dead+1.0 Wind 300 deg - No Ice	38.04	-20.21	-11.92	-1418.59	2386.49	1.95
1.2 Dead+1.0 Wind 330 deg - No Ice	50.73	-13.11	-22.40	-2671.78	1568.14	2.69
0.9 Dead+1.0 Wind 330 deg - No Ice	38.04	-13.11	-22.40	-2620.02	1538.50	2.65
1.2 Dead+1.0 Ice+1.0 Temp	71.39	0.00	-0.00	-4.18	-6.70	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	71.39	-0.06	-5.54	-673.83	3.83	0.67
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	71.39	2.71	-4.77	-578.82	-331.29	0.53
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	71.39	4.75	-2.72	-329.84	-579.45	0.25
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	71.39	5.52	0.06	6.39	-674.17	-0.10
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	71.39	4.82	2.82	339.76	-590.06	-0.42
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	71.39	2.92	5.01	604.32	-363.15	-0.65
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	71.39	0.06	5.54	665.37	-17.40	-0.67
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	71.39	-2.71	4.77	570.36	317.72	-0.53
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	71.39	-4.75	2.72	321.38	565.88	-0.24
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	71.39	-5.52	-0.06	-14.84	660.60	0.11
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	71.39	-4.82	-2.82	-348.22	576.49	0.43
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	71.39	-2.92	-5.01	-612.82	349.60	0.65
Dead+Wind 0 deg - Service	42.27	-0.08	-5.13	-611.73	11.05	0.66
Dead+Wind 30 deg - Service	42.27	2.48	-4.39	-522.61	-294.07	0.52
Dead+Wind 60 deg - Service	42.27	4.38	-2.49	-294.96	-520.89	0.23
Dead+Wind 90 deg - Service	42.27	5.10	0.08	11.31	-608.61	-0.12
Dead+Wind 120 deg - Service	42.27	4.46	2.63	314.12	-533.75	-0.44
Dead+Wind 150 deg - Service	42.27	2.89	4.94	582.00	-345.02	-0.62
Dead+Wind 180 deg - Service	42.27	0.08	5.13	608.61	-14.69	-0.67
Dead+Wind 210 deg - Service	42.27	-2.48	4.39	519.48	290.42	-0.52
Dead+Wind 240 deg - Service	42.27	-4.38	2.49	291.83	517.24	-0.23
Dead+Wind 270 deg - Service	42.27	-5.10	-0.08	-14.43	604.96	0.12
Dead+Wind 300 deg - Service	42.27	-4.46	-2.63	-317.36	530.29	0.44
Dead+Wind 330 deg - Service	42.27	-2.89	-4.94	-585.17	341.40	0.62

Solution Summary

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
1	0.00	-42.27	0.00	-0.00	42.27	0.00	0.000%
2	-0.37	-50.73	-23.23	0.37	50.73	23.23	0.000%
3	-0.37	-38.04	-23.23	0.37	38.04	23.23	0.000%
4	11.24	-50.73	-19.90	-11.24	50.73	19.90	0.000%
5	11.24	-38.04	-19.90	-11.24	38.04	19.90	0.000%
6	19.84	-50.73	-11.28	-19.84	50.73	11.28	0.000%
7	19.84	-38.04	-11.28	-19.84	38.04	11.28	0.000%
8	23.12	-50.73	0.37	-23.12	50.73	-0.37	0.000%
9	23.12	-38.04	0.37	-23.12	38.04	-0.37	0.000%
10	20.20	-50.73	11.92	-20.20	50.73	-11.92	0.000%
11	20.20	-38.04	11.92	-20.20	38.04	-11.92	0.000%
12	13.11	-50.73	22.40	-13.11	50.73	-22.40	0.000%
13	13.11	-38.04	22.40	-13.11	38.04	-22.40	0.000%
14	0.37	-50.73	23.23	-0.37	50.73	-23.23	0.000%
15	0.37	-38.04	23.23	-0.37	38.04	-23.23	0.000%
16	-11.24	-50.73	19.90	11.24	50.73	-19.90	0.000%
17	-11.24	-38.04	19.90	11.24	38.04	-19.90	0.000%
18	-19.84	-50.73	11.28	19.84	50.73	-11.28	0.000%
19	-19.84	-38.04	11.28	19.84	38.04	-11.28	0.000%
20	-23.12	-50.73	-0.37	23.12	50.73	0.37	0.000%
21	-23.12	-38.04	-0.37	23.12	38.04	0.37	0.000%
22	-20.21	-50.73	-11.92	20.21	50.73	11.92	0.000%
23	-20.21	-38.04	-11.92	20.21	38.04	11.92	0.000%
24	-13.11	-50.73	-22.40	13.11	50.73	22.40	0.000%
25	-13.11	-38.04	-22.40	13.11	38.04	22.40	0.000%
26	0.00	-71.39	0.00	-0.00	71.39	0.00	0.000%
27	-0.06	-71.39	-5.54	0.06	71.39	5.54	0.000%
28	2.71	-71.39	-4.77	-2.71	71.39	4.77	0.000%
29	4.75	-71.39	-2.72	-4.75	71.39	2.72	0.000%
30	5.52	-71.39	0.06	-5.52	71.39	-0.06	0.000%
31	4.82	-71.39	2.82	-4.82	71.39	-2.82	0.000%
32	2.92	-71.39	5.01	-2.92	71.39	-5.01	0.000%
33	0.06	-71.39	5.54	-0.06	71.39	-5.54	0.000%
34	-2.71	-71.39	4.77	2.71	71.39	-4.77	0.000%
35	-4.75	-71.39	2.72	4.75	71.39	-2.72	0.000%
36	-5.52	-71.39	-0.06	5.52	71.39	0.06	0.000%
37	-4.82	-71.39	-2.82	4.82	71.39	2.82	0.000%
38	-2.92	-71.39	-5.01	2.92	71.39	5.01	0.000%
39	-0.08	-42.27	-5.13	0.08	42.27	5.13	0.000%
40	2.48	-42.27	-4.39	-2.48	42.27	4.39	0.000%
41	4.38	-42.27	-2.49	-4.38	42.27	2.49	0.000%
42	5.10	-42.27	0.08	-5.10	42.27	-0.08	0.000%
43	4.46	-42.27	2.63	-4.46	42.27	-2.63	0.000%
44	2.89	-42.27	4.94	-2.89	42.27	-4.94	0.000%
45	0.08	-42.27	5.13	-0.08	42.27	-5.13	0.000%
46	-2.48	-42.27	4.39	2.48	42.27	-4.39	0.000%
47	-4.38	-42.27	2.49	4.38	42.27	-2.49	0.000%
48	-5.10	-42.27	-0.08	5.10	42.27	0.08	0.000%
49	-4.46	-42.27	-2.63	4.46	42.27	2.63	0.000%
50	-2.89	-42.27	-4.94	2.89	42.27	4.94	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00001812
2	Yes	6	0.00000001	0.00022645
3	Yes	6	0.00000001	0.00008074
4	Yes	7	0.00000001	0.00068357
5	Yes	7	0.00000001	0.00016448
6	Yes	7	0.00000001	0.00064184
7	Yes	7	0.00000001	0.00015297
8	Yes	6	0.00000001	0.00036637

9	Yes	6	0.00000001	0.00012276
10	Yes	7	0.00000001	0.00068423
11	Yes	7	0.00000001	0.00015857
12	Yes	7	0.00000001	0.00082719
13	Yes	7	0.00000001	0.00018766
14	Yes	7	0.00000001	0.00010430
15	Yes	6	0.00000001	0.00040768
16	Yes	7	0.00000001	0.00062363
17	Yes	7	0.00000001	0.00014851
18	Yes	7	0.00000001	0.00066235
19	Yes	7	0.00000001	0.00015928
20	Yes	6	0.00000001	0.00062638
21	Yes	6	0.00000001	0.00021399
22	Yes	7	0.00000001	0.00072728
23	Yes	7	0.00000001	0.00017069
24	Yes	7	0.00000001	0.00076157
25	Yes	7	0.00000001	0.00017001
26	Yes	5	0.00000001	0.00045127
27	Yes	7	0.00000001	0.00039586
28	Yes	7	0.00000001	0.00049876
29	Yes	7	0.00000001	0.00049217
30	Yes	7	0.00000001	0.00039954
31	Yes	7	0.00000001	0.00050847
32	Yes	7	0.00000001	0.00054465
33	Yes	7	0.00000001	0.00039091
34	Yes	7	0.00000001	0.00045874
35	Yes	7	0.00000001	0.00046240
36	Yes	7	0.00000001	0.00037957
37	Yes	7	0.00000001	0.00049954
38	Yes	7	0.00000001	0.00051783
39	Yes	5	0.00000001	0.00035757
40	Yes	6	0.00000001	0.00010041
41	Yes	6	0.00000001	0.00008344
42	Yes	5	0.00000001	0.00015626
43	Yes	6	0.00000001	0.00009247
44	Yes	6	0.00000001	0.00013806
45	Yes	5	0.00000001	0.00046027
46	Yes	5	0.00000001	0.00093010
47	Yes	6	0.00000001	0.00008881
48	Yes	5	0.00000001	0.00020021
49	Yes	6	0.00000001	0.00010820
50	Yes	6	0.00000001	0.00010990

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 145	30.931	44	2.1784	0.0253
L2	145 - 140	28.671	44	2.1349	0.0198
L3	140 - 133.71	26.471	44	2.0663	0.0155
L4	136.293 - 131.293	24.891	44	2.0000	0.0127
L5	131.293 - 126.293	22.825	44	1.9378	0.0110
L6	126.293 - 121.293	20.847	44	1.8388	0.0090
L7	121.293 - 116.293	18.981	44	1.7240	0.0073
L8	116.293 - 111.293	17.241	44	1.5982	0.0059
L9	111.293 - 108	15.637	44	1.4640	0.0047
L10	108 - 107.75	14.659	44	1.3729	0.0040
L11	107.75 - 102.75	14.587	44	1.3693	0.0040
L12	102.75 - 97.75	13.193	50	1.2947	0.0035
L13	97.75 - 92.75	11.879	50	1.2184	0.0031
L14	92.75 - 88.0833	10.645	50	1.1413	0.0027
L15	91.9166 - 86.9166	10.447	50	1.1285	0.0026
L16	86.9166 - 83	9.286	50	1.0820	0.0024
L17	83 - 82.75	8.423	50	1.0229	0.0022
L18	82.75 - 77.75	8.370	50	1.0194	0.0022
L19	77.75 - 77	7.340	50	0.9485	0.0019
L20	77 - 76.75	7.192	50	0.9379	0.0019
L21	76.75 - 75	7.143	50	0.9343	0.0019

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L22	75 - 74.75	6.805	50	0.9093	0.0018
L23	74.75 - 69.75	6.757	50	0.9058	0.0018
L24	69.75 - 64.75	5.846	50	0.8359	0.0016
L25	64.75 - 63	5.007	50	0.7668	0.0014
L26	63 - 62.75	4.730	50	0.7436	0.0013
L27	62.75 - 57.75	4.691	50	0.7401	0.0013
L28	57.75 - 52.75	3.953	50	0.6701	0.0012
L29	52.75 - 43.4966	3.287	50	0.6024	0.0010
L30	48.4966 - 42.4966	2.776	50	0.5454	0.0009
L31	42.4966 - 37.4966	2.116	50	0.4983	0.0008
L32	37.4966 - 33	1.630	50	0.4304	0.0007
L33	33 - 32.75	1.253	50	0.3714	0.0006
L34	32.75 - 32	1.233	50	0.3687	0.0005
L35	32 - 31.75	1.176	50	0.3607	0.0005
L36	31.75 - 28	1.157	50	0.3577	0.0005
L37	28 - 27.75	0.894	50	0.3123	0.0005
L38	27.75 - 22.75	0.878	50	0.3093	0.0004
L39	22.75 - 17.75	0.585	50	0.2507	0.0004
L40	17.75 - 12.75	0.353	50	0.1929	0.0003
L41	12.75 - 7.75	0.180	50	0.1370	0.0002
L42	7.75 - 2.75	0.066	50	0.0819	0.0001
L43	2.75 - 0	0.008	50	0.0286	0.0000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
152.00	VV-65A-R1_TMO w/ Mount Pipe	44	30.931	2.1784	0.0253	4785
139.00	4.5' x 2" Mount Pipe	44	26.040	2.0481	0.0147	3735
132.00	7770.00 w/ Mount Pipe	44	23.112	1.9476	0.0112	3510
120.00	MX08FRO665-21 w/ Mount Pipe	44	18.518	1.6921	0.0069	2333
79.00	KS24019-L112A	50	7.591	0.9661	0.0020	4039

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 145	140.991	12	9.9143	0.1179
L2	145 - 140	130.778	12	9.7362	0.0929
L3	140 - 133.71	120.813	12	9.4382	0.0724
L4	136.293 - 131.293	113.650	12	9.1421	0.0591
L5	131.293 - 126.293	104.268	12	8.8610	0.0509
L6	126.293 - 121.293	95.275	12	8.4137	0.0414
L7	121.293 - 116.293	86.783	12	7.8925	0.0334
L8	116.293 - 111.293	78.855	12	7.3194	0.0268
L9	111.293 - 108	71.541	24	6.7068	0.0213
L10	108 - 107.75	67.077	24	6.2906	0.0181
L11	107.75 - 102.75	66.749	24	6.2743	0.0179
L12	102.75 - 97.75	60.380	24	5.9331	0.0157
L13	97.75 - 92.75	54.369	24	5.5843	0.0137
L14	92.75 - 88.0833	48.722	24	5.2312	0.0120
L15	91.9166 - 86.9166	47.816	24	5.1728	0.0117
L16	86.9166 - 83	42.507	24	4.9595	0.0108
L17	83 - 82.75	38.558	24	4.6889	0.0097
L18	82.75 - 77.75	38.314	24	4.6727	0.0097
L19	77.75 - 77	33.600	24	4.3481	0.0085
L20	77 - 76.75	32.922	24	4.2997	0.0084
L21	76.75 - 75	32.697	24	4.2830	0.0083
L22	75 - 74.75	31.151	24	4.1683	0.0080
L23	74.75 - 69.75	30.933	24	4.1523	0.0079

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L24	69.75 - 64.75	26.760	24	3.8312	0.0070
L25	64.75 - 63	22.919	24	3.5142	0.0062
L26	63 - 62.75	21.652	24	3.4077	0.0059
L27	62.75 - 57.75	21.474	24	3.3917	0.0058
L28	57.75 - 52.75	18.095	24	3.0704	0.0051
L29	52.75 - 43.4966	15.045	24	2.7597	0.0044
L30	48.4966 - 42.4966	12.705	24	2.4983	0.0038
L31	42.4966 - 37.4966	9.686	24	2.2823	0.0034
L32	37.4966 - 33	7.461	24	1.9710	0.0029
L33	33 - 32.75	5.733	24	1.7005	0.0024
L34	32.75 - 32	5.644	24	1.6881	0.0024
L35	32 - 31.75	5.382	24	1.6513	0.0023
L36	31.75 - 28	5.296	24	1.6376	0.0023
L37	28 - 27.75	4.092	24	1.4294	0.0020
L38	27.75 - 22.75	4.018	24	1.4158	0.0019
L39	22.75 - 17.75	2.677	24	1.1473	0.0015
L40	17.75 - 12.75	1.615	24	0.8825	0.0012
L41	12.75 - 7.75	0.825	24	0.6269	0.0008
L42	7.75 - 2.75	0.301	24	0.3745	0.0005
L43	2.75 - 0	0.038	24	0.1307	0.0002

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
152.00	VV-65A-R1_TMO w/ Mount Pipe	12	140.991	9.9143	0.1179	1241
139.00	4.5' x 2" Mount Pipe	12	118.862	9.3570	0.0684	910
132.00	7770.00 w/ Mount Pipe	12	105.573	8.9053	0.0519	830
120.00	MX08FRO665-21 w/ Mount Pipe	12	84.676	7.7473	0.0316	534
79.00	KS24019-L112A	24	34.746	4.4285	0.0089	893

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	150 - 145 (1)	TP14.1168x13x0.1875	5.00	0.00	0.0	8.2897	-3.39	484.95	0.007
L2	145 - 140 (2)	TP15.2336x14.1168x0.1875	5.00	0.00	0.0	8.9543	-3.56	523.83	0.007
L3	140 - 133.71 (3)	TP16.6385x15.2336x0.1875	6.29	0.00	0.0	9.4470	-7.10	552.65	0.013
L4	133.71 - 131.293 (4)	TP16.7954x15.6865x0.3125	5.00	0.00	0.0	16.3489	-11.02	956.41	0.012
L5	131.293 - 126.293 (5)	TP17.9042x16.7954x0.3125	5.00	0.00	0.0	17.4488	-11.60	1020.75	0.011
L6	126.293 - 121.293 (6)	TP19.0131x17.9042x0.3125	5.00	0.00	0.0	18.5486	-12.23	1085.09	0.011
L7	121.293 - 116.293 (7)	TP20.1219x19.0131x0.3125	5.00	0.00	0.0	19.6485	-15.21	1149.44	0.013
L8	116.293 - 111.293 (8)	TP21.2308x20.1219x0.3125	5.00	0.00	0.0	20.7483	-15.97	1213.78	0.013
L9	111.293 - 108 (9)	TP21.9611x21.2308x0.3125	3.29	0.00	0.0	21.4727	-16.48	1256.16	0.013
L10	108 - 107.75 (10)	TP22.0166x21.9611x0.6375	0.25	0.00	0.0	43.2590	-16.56	2530.65	0.007
L11	107.75 - 102.75 (11)	TP23.1254x22.0166x0.6125	5.00	0.00	0.0	43.7669	-17.62	2560.36	0.007
L12	102.75 - 97.75 (12)	TP24.2343x23.1254x0.6	5.00	0.00	0.0	45.0092	-18.74	2633.04	0.007
L13	97.75 - 92.75 (13)	TP25.3432x24.2343x0.5875	5.00	0.00	0.0	46.1625	-19.89	2700.51	0.007
L14	92.75 - 88.0833 (14)	TP26.3781x25.3432x0.5875	4.67	0.00	0.0	46.5071	-20.09	2720.67	0.007
L15	88.0833 - 86.9166 (15)	TP26.0114x24.903x0.6375	5.00	0.00	0.0	51.3421	-21.99	3003.51	0.007
L16	86.9166 - 83 (16)	TP26.8796x26.0114x0.625	3.92	0.00	0.0	52.0825	-23.01	3046.83	0.008
L17	83 - 82.75 (17)	TP26.935x26.8796x0.6625	0.25	0.00	0.0	55.2451	-23.09	3231.84	0.007
L18	82.75 - 77.75 (18)	TP28.0434x26.935x0.65	5.00	0.00	0.0	56.5153	-24.60	3306.14	0.007
L19	77.75 - 77 (19)	TP28.2096x28.0434x0.6375	0.75	0.00	0.0	55.7901	-24.82	3263.72	0.008
L20	77 - 76.75 (20)	TP28.265x28.2096x0.6125	0.25	0.00	0.0	53.7586	-24.90	3144.88	0.008
L21	76.75 - 75 (21)	TP28.653x28.265x0.6125	1.75	0.00	0.0	54.5128	-25.35	3189.00	0.008

Section No.	Elevation	Size	L	L_u	Kl/r	A	P_u	ϕP_n	Ratio $\frac{P_u}{\phi P_n}$
	ft		ft	ft		in^2	K	K	
L22	75 - 74.75 (22)	TP28.7084x28.653x0.6375	0.25	0.00	0.0	56.7993	-25.44	3322.76	0.008
L23	74.75 - 69.75 (23)	TP29.8168x28.7084x0.625	5.00	0.00	0.0	57.9092	-26.92	3387.69	0.008
L24	69.75 - 64.75 (24)	TP30.9251x29.8168x0.6125	5.00	0.00	0.0	58.9301	-28.44	3447.41	0.008
L25	64.75 - 63 (25)	TP31.3131x30.9251x0.6125	1.75	0.00	0.0	59.6842	-28.97	3491.53	0.008
L26	63 - 62.75 (26)	TP31.3685x31.3131x0.5875	0.25	0.00	0.0	57.3981	-29.06	3357.79	0.009
L27	62.75 - 57.75 (27)	TP32.4769x31.3685x0.575	5.00	0.00	0.0	58.2225	-30.50	3406.02	0.009
L28	57.75 - 52.75 (28)	TP33.5853x32.4769x0.575	5.00	0.00	0.0	59.0317	-31.11	3453.35	0.009
L29	52.75 - 43.4966 (29)	TP35.6365x33.5853x0.5625	9.25	0.00	0.0	58.9580	-31.99	3449.04	0.009
L30	43.4966 - 42.4966 (30)	TP35.1046x33.7781x0.5625	6.00	0.00	0.0	61.2759	-35.93	3584.64	0.010
L31	42.4966 - 37.4966 (31)	TP36.2101x35.1046x0.55	5.00	0.00	0.0	60.3220	-36.23	3528.84	0.010
L32	37.4966 - 33 (32)	TP37.2042x36.2101x0.55	4.50	0.00	0.0	62.2518	-37.78	3641.73	0.010
L33	33 - 32.75 (33)	TP37.2595x37.2042x0.6625	0.25	0.00	0.0	76.8390	-39.18	4495.08	0.009
L34	32.75 - 32 (34)	TP37.4253x37.2595x0.6625	0.75	0.00	0.0	76.9552	-39.28	4501.88	0.009
L35	32 - 31.75 (35)	TP37.4805x37.4253x0.5875	0.25	0.00	0.0	68.6923	-39.55	4018.50	0.010
L36	31.75 - 28 (36)	TP38.3096x37.4805x0.575	3.75	0.00	0.0	67.3545	-39.64	3940.24	0.010
L37	28 - 27.75 (37)	TP38.3649x38.3096x0.575	0.25	0.00	0.0	68.8676	-40.92	4028.75	0.010
L38	27.75 - 22.75 (38)	TP39.4703x38.3649x0.575	5.00	0.00	0.0	68.9684	-41.01	4034.65	0.010
L39	22.75 - 17.75 (39)	TP40.5757x39.4703x0.5625	5.00	0.00	0.0	69.4650	-42.75	4063.70	0.011
L40	17.75 - 12.75 (40)	TP41.6812x40.5757x0.5625	5.00	0.00	0.0	71.4386	-44.52	4179.16	0.011
L41	12.75 - 7.75 (41)	TP42.7866x41.6812x0.55	5.00	0.00	0.0	71.8027	-46.31	4200.46	0.011
L42	7.75 - 2.75 (42)	TP43.892x42.7866x0.55	5.00	0.00	0.0	73.7324	-48.12	4313.35	0.011
L43	2.75 - 0 (43)	TP44.5x43.892x0.55	2.75	0.00	0.0	75.6622	-49.83	4426.24	0.011

Pole Bending Design Data

Section No.	Elevation	Size	M_{ux}	ϕM_{nx}	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy}	ϕM_{ny}	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
	ft		kip-ft	kip-ft		kip-ft	kip-ft	
L1	150 - 145 (1)	TP14.1168x13x0.1875	35.73	175.43	0.204	0.00	175.43	0.000
L2	145 - 140 (2)	TP15.2336x14.1168x0.1875	61.34	204.89	0.299	0.00	204.89	0.000
L3	140 - 133.71 (3)	TP16.6385x15.2336x0.1875	97.78	228.21	0.428	0.00	228.21	0.000
L4	133.71 - 131.293 (4)	TP16.7954x15.6865x0.3125	156.84	407.21	0.385	0.00	407.21	0.000
L5	131.293 - 126.293 (5)	TP17.9042x16.7954x0.3125	235.04	464.38	0.506	0.00	464.38	0.000
L6	126.293 - 121.293 (6)	TP19.0131x17.9042x0.3125	315.52	525.32	0.601	0.00	525.32	0.000
L7	121.293 - 116.293 (7)	TP20.1219x19.0131x0.3125	408.46	590.00	0.692	0.00	590.00	0.000
L8	116.293 - 111.293 (8)	TP21.2308x20.1219x0.3125	504.73	658.45	0.767	0.00	658.45	0.000
L9	111.293 - 108 (9)	TP21.9611x21.2308x0.3125	569.33	705.58	0.807	0.00	705.58	0.000
L10	108 - 107.75 (10)	TP22.0166x21.9611x0.6375	574.28	1382.79	0.415	0.00	1382.79	0.000
L11	107.75 - 102.75 (11)	TP23.1254x22.0166x0.6125	674.61	1476.97	0.457	0.00	1476.97	0.000
L12	102.75 - 97.75 (12)	TP24.2343x23.1254x0.6	777.22	1597.38	0.487	0.00	1597.38	0.000
L13	97.75 - 92.75 (13)	TP25.3432x24.2343x0.5875	881.56	1718.82	0.513	0.00	1718.82	0.000
L14	92.75 - 88.0833 (14)	TP26.3781x25.3432x0.5875	899.11	1744.88	0.515	0.00	1744.88	0.000
L15	88.0833 - 86.9166 (15)	TP26.0114x24.903x0.6375	1005.77	1956.75	0.514	0.00	1956.75	0.000
L16	86.9166 - 83 (16)	TP26.8796x26.0114x0.625	1090.66	2056.52	0.530	0.00	2056.52	0.000
L17	83 - 82.75 (17)	TP26.935x26.8796x0.6625	1096.12	2179.88	0.503	0.00	2179.88	0.000
L18	82.75 - 77.75 (18)	TP28.0434x26.935x0.65	1206.13	2328.51	0.518	0.00	2328.51	0.000
L19	77.75 - 77 (19)	TP28.2096x28.0434x0.6375	1222.82	2315.01	0.528	0.00	2315.01	0.000
L20	77 - 76.75 (20)	TP28.265x28.2096x0.6125	1228.39	2239.34	0.549	0.00	2239.34	0.000
L21	76.75 - 75 (21)	TP28.653x28.265x0.6125	1267.49	2303.31	0.550	0.00	2303.31	0.000
L22	75 - 74.75 (22)	TP28.7084x28.653x0.6375	1273.09	2400.48	0.530	0.00	2400.48	0.000
L23	74.75 - 69.75 (23)	TP29.8168x28.7084x0.625	1385.97	2548.35	0.544	0.00	2548.35	0.000
L24	69.75 - 64.75 (24)	TP30.9251x29.8168x0.6125	1500.40	2696.03	0.557	0.00	2696.03	0.000
L25	64.75 - 63 (25)	TP31.3131x30.9251x0.6125	1540.81	2766.18	0.557	0.00	2766.18	0.000
L26	63 - 62.75 (26)	TP31.3685x31.3131x0.5875	1546.60	2669.45	0.579	0.00	2669.45	0.000
L27	62.75 - 57.75 (27)	TP32.4769x31.3685x0.575	1663.08	2809.32	0.592	0.00	2809.32	0.000
L28	57.75 - 52.75 (28)	TP33.5853x32.4769x0.575	1710.06	2888.65	0.592	0.00	2888.65	0.000
L29	52.75 - 43.4966 (29)	TP35.6365x33.5853x0.5625	1780.92	2947.62	0.604	0.00	2947.62	0.000
L30	43.4966 - 42.4966 (30)	TP35.1046x33.7781x0.5625	2002.86	3185.97	0.629	0.00	3185.97	0.000
L31	42.4966 - 37.4966 (31)	TP36.2101x35.1046x0.55	2027.21	3159.19	0.642	0.00	3159.19	0.000
L32	37.4966 - 33 (32)	TP37.2042x36.2101x0.55	2149.56	3366.19	0.639	0.00	3366.19	0.000
L33	33 - 32.75 (33)	TP37.2595x37.2042x0.6625	2260.43	4246.38	0.532	0.00	4246.38	0.000
L34	32.75 - 32 (34)	TP37.4253x37.2595x0.6625	2266.62	4259.35	0.532	0.00	4259.35	0.000
L35	32 - 31.75 (35)	TP37.4805x37.4253x0.5875	2285.20	3835.15	0.596	0.00	3835.15	0.000
L36	31.75 - 28 (36)	TP38.3096x37.4805x0.575	2291.40	3768.74	0.608	0.00	3768.74	0.000
L37	28 - 27.75 (37)	TP38.3649x38.3096x0.575	2384.68	3941.29	0.605	0.00	3941.29	0.000

Section No.	Elevation	Size	M_{ux}	ϕM_{nx}	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy}	ϕM_{ny}	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
	ft		kip-ft	kip-ft		kip-ft	kip-ft	
L38	27.75 - 22.75 (38)	TP39.4703x38.3649x0.575	2390.92	3952.93	0.605	0.00	3952.93	0.000
L39	22.75 - 17.75 (39)	TP40.5757x39.4703x0.5625	2516.19	4102.24	0.613	0.00	4102.24	0.000
L40	17.75 - 12.75 (40)	TP41.6812x40.5757x0.5625	2642.44	4340.37	0.609	0.00	4340.37	0.000
L41	12.75 - 7.75 (41)	TP42.7866x41.6812x0.55	2769.65	4487.40	0.617	0.00	4487.40	0.000
L42	7.75 - 2.75 (42)	TP43.892x42.7866x0.55	2897.78	4733.48	0.612	0.00	4733.48	0.000
L43	2.75 - 0 (43)	TP44.5x43.892x0.55	3026.73	4986.12	0.607	0.00	4986.12	0.000

Pole Shear Design Data

Section No.	Elevation	Size	Actual V_u	ϕV_n	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u	ϕT_n	Ratio $\frac{T_u}{\phi T_n}$
	ft		K	K		kip-ft	kip-ft	
L1	150 - 145 (1)	TP14.1168x13x0.1875	5.02	145.48	0.035	1.25	177.47	0.007
L2	145 - 140 (2)	TP15.2336x14.1168x0.1875	5.31	157.15	0.034	2.28	207.07	0.011
L3	140 - 133.71 (3)	TP16.6385x15.2336x0.1875	10.43	165.79	0.063	2.60	230.48	0.011
L4	133.71 - 131.293 (4)	TP16.7954x15.6865x0.3125	15.43	286.92	0.054	3.02	414.17	0.007
L5	131.293 - 126.293 (5)	TP17.9042x16.7954x0.3125	15.89	306.23	0.052	2.99	471.77	0.006
L6	126.293 - 121.293 (6)	TP19.0131x17.9042x0.3125	16.35	325.53	0.050	2.96	533.12	0.006
L7	121.293 - 116.293 (7)	TP20.1219x19.0131x0.3125	19.06	344.83	0.055	3.01	598.22	0.005
L8	116.293 - 111.293 (8)	TP21.2308x20.1219x0.3125	19.50	364.13	0.054	2.98	667.06	0.004
L9	111.293 - 108 (9)	TP21.9611x21.2308x0.3125	19.79	376.85	0.053	2.98	714.46	0.004
L10	108 - 107.75 (10)	TP22.0166x21.9611x0.6375	19.81	759.20	0.026	2.98	1421.42	0.002
L11	107.75 - 102.75 (11)	TP23.1254x22.0166x0.6125	20.37	768.11	0.027	2.97	1514.38	0.002
L12	102.75 - 97.75 (12)	TP24.2343x23.1254x0.6	20.72	789.91	0.026	2.97	1634.93	0.002
L13	97.75 - 92.75 (13)	TP25.3432x24.2343x0.5875	21.06	810.15	0.026	2.97	1756.39	0.002
L14	92.75 - 88.0833 (14)	TP26.3781x25.3432x0.5875	21.11	816.20	0.026	2.97	1782.72	0.002
L15	88.0833 - 86.9166 (15)	TP26.0114x24.903x0.6375	21.57	901.05	0.024	2.97	2002.24	0.001
L16	86.9166 - 83 (16)	TP26.8796x26.0114x0.625	21.83	914.05	0.024	2.96	2101.62	0.001
L17	83 - 82.75 (17)	TP26.935x26.8796x0.6625	21.84	969.55	0.023	2.96	2230.76	0.001
L18	82.75 - 77.75 (18)	TP28.0434x26.935x0.65	22.25	991.84	0.022	2.78	2379.41	0.001
L19	77.75 - 77 (19)	TP28.2096x28.0434x0.6375	22.30	979.12	0.023	2.78	2364.20	0.001
L20	77 - 76.75 (20)	TP28.265x28.2096x0.6125	22.31	943.46	0.024	2.78	2284.76	0.001
L21	76.75 - 75 (21)	TP28.653x28.265x0.6125	22.44	956.70	0.023	2.78	2349.32	0.001
L22	75 - 74.75 (22)	TP28.7084x28.653x0.6375	22.44	996.83	0.023	2.78	2450.51	0.001
L23	74.75 - 69.75 (23)	TP29.8168x28.7084x0.625	22.76	1016.31	0.022	2.78	2598.16	0.001
L24	69.75 - 64.75 (24)	TP30.9251x29.8168x0.6125	23.07	1034.22	0.022	2.78	2745.47	0.001
L25	64.75 - 63 (25)	TP31.3131x30.9251x0.6125	23.18	1047.46	0.022	2.78	2816.20	0.001
L26	63 - 62.75 (26)	TP31.3685x31.3131x0.5875	23.18	1007.34	0.023	2.78	2715.43	0.001
L27	62.75 - 57.75 (27)	TP32.4769x31.3685x0.575	23.46	1021.81	0.023	2.78	2854.72	0.001
L28	57.75 - 52.75 (28)	TP33.5853x32.4769x0.575	23.62	1043.11	0.023	2.78	2934.62	0.001
L29	52.75 - 43.4966 (29)	TP35.6365x33.5853x0.5625	23.79	1042.10	0.023	2.78	2992.36	0.001
L30	43.4966 - 42.4966 (30)	TP35.1046x33.7781x0.5625	24.38	1082.32	0.023	2.70	3232.27	0.001
L31	42.4966 - 37.4966 (31)	TP36.2101x35.1046x0.55	24.42	1065.42	0.023	2.70	3203.61	0.001
L32	37.4966 - 33 (32)	TP37.2042x36.2101x0.55	24.63	1100.13	0.022	2.70	3411.86	0.001
L33	33 - 32.75 (33)	TP37.2595x37.2042x0.6625	24.75	1350.56	0.018	2.70	4315.46	0.001
L34	32.75 - 32 (34)	TP37.4253x37.2595x0.6625	24.79	1356.68	0.018	2.70	4328.52	0.001
L35	32 - 31.75 (35)	TP37.4805x37.4253x0.5875	24.79	1207.36	0.021	2.69	3889.18	0.001
L36	31.75 - 28 (36)	TP38.3096x37.4805x0.575	24.86	1190.92	0.021	2.69	3820.46	0.001
L37	28 - 27.75 (37)	TP38.3649x38.3096x0.575	24.95	1210.40	0.021	2.69	3994.03	0.001
L38	27.75 - 22.75 (38)	TP39.4703x38.3649x0.575	25.00	1217.48	0.021	2.69	4005.74	0.001
L39	22.75 - 17.75 (39)	TP40.5757x39.4703x0.5625	25.20	1226.04	0.021	2.69	4153.94	0.001
L40	17.75 - 12.75 (40)	TP41.6812x40.5757x0.5625	25.39	1260.68	0.020	2.69	4393.33	0.001
L41	12.75 - 7.75 (41)	TP42.7866x41.6812x0.55	25.58	1266.91	0.020	2.69	4539.09	0.001
L42	7.75 - 2.75 (42)	TP43.892x42.7866x0.55	25.76	1300.78	0.020	2.69	4786.35	0.001
L43	2.75 - 0 (43)	TP44.5x43.892x0.55	25.94	1337.18	0.019	2.69	5040.17	0.001

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 145 (1)	0.007	0.204	0.000	0.035	0.007	0.212	1.050	
L2	145 - 140 (2)	0.007	0.299	0.000	0.034	0.011	0.308	1.050	
L3	140 - 133.71 (3)	0.013	0.428	0.000	0.063	0.011	0.447	1.050	
L4	133.71 - 131.293 (4)	0.012	0.385	0.000	0.054	0.007	0.400	1.050	
L5	131.293 - 126.293 (5)	0.011	0.506	0.000	0.052	0.006	0.521	1.050	
L6	126.293 - 121.293 (6)	0.011	0.601	0.000	0.050	0.006	0.615	1.050	
L7	121.293 - 116.293 (7)	0.013	0.692	0.000	0.055	0.005	0.709	1.050	
L8	116.293 - 111.293 (8)	0.013	0.767	0.000	0.054	0.004	0.783	1.050	
L9	111.293 - 108 (9)	0.013	0.807	0.000	0.053	0.004	0.823	1.050	
L10	108 - 107.75 (10)	0.007	0.415	0.000	0.026	0.002	0.423	1.050	
L11	107.75 - 102.75 (11)	0.007	0.457	0.000	0.027	0.002	0.464	1.050	
L12	102.75 - 97.75 (12)	0.007	0.487	0.000	0.026	0.002	0.494	1.050	
L13	97.75 - 92.75 (13)	0.007	0.513	0.000	0.026	0.002	0.521	1.050	
L14	92.75 - 88.0833 (14)	0.007	0.515	0.000	0.026	0.002	0.523	1.050	
L15	88.0833 - 86.9166 (15)	0.007	0.514	0.000	0.024	0.001	0.522	1.050	
L16	86.9166 - 83 (16)	0.008	0.530	0.000	0.024	0.001	0.539	1.050	
L17	83 - 82.75 (17)	0.007	0.503	0.000	0.023	0.001	0.511	1.050	
L18	82.75 - 77.75 (18)	0.007	0.518	0.000	0.022	0.001	0.526	1.050	
L19	77.75 - 77 (19)	0.008	0.528	0.000	0.023	0.001	0.536	1.050	
L20	77 - 76.75 (20)	0.008	0.549	0.000	0.024	0.001	0.557	1.050	
L21	76.75 - 75 (21)	0.008	0.550	0.000	0.023	0.001	0.559	1.050	
L22	75 - 74.75 (22)	0.008	0.530	0.000	0.023	0.001	0.539	1.050	
L23	74.75 - 69.75 (23)	0.008	0.544	0.000	0.022	0.001	0.552	1.050	
L24	69.75 - 64.75 (24)	0.008	0.557	0.000	0.022	0.001	0.565	1.050	
L25	64.75 - 63 (25)	0.008	0.557	0.000	0.022	0.001	0.566	1.050	
L26	63 - 62.75 (26)	0.009	0.579	0.000	0.023	0.001	0.589	1.050	
L27	62.75 - 57.75 (27)	0.009	0.592	0.000	0.023	0.001	0.602	1.050	
L28	57.75 - 52.75 (28)	0.009	0.592	0.000	0.023	0.001	0.602	1.050	
L29	52.75 - 43.4966 (29)	0.009	0.604	0.000	0.023	0.001	0.614	1.050	
L30	43.4966 - 42.4966 (30)	0.010	0.629	0.000	0.023	0.001	0.639	1.050	
L31	42.4966 - 37.4966 (31)	0.010	0.642	0.000	0.023	0.001	0.653	1.050	
L32	37.4966 - 33 (32)	0.010	0.639	0.000	0.022	0.001	0.649	1.050	
L33	33 - 32.75 (33)	0.009	0.532	0.000	0.018	0.001	0.541	1.050	
L34	32.75 - 32 (34)	0.009	0.532	0.000	0.018	0.001	0.541	1.050	
L35	32 - 31.75 (35)	0.010	0.596	0.000	0.021	0.001	0.606	1.050	
L36	31.75 - 28 (36)	0.010	0.608	0.000	0.021	0.001	0.619	1.050	
L37	28 - 27.75 (37)	0.010	0.605	0.000	0.021	0.001	0.616	1.050	
L38	27.75 - 22.75 (38)	0.010	0.605	0.000	0.021	0.001	0.615	1.050	
L39	22.75 - 17.75 (39)	0.011	0.613	0.000	0.021	0.001	0.624	1.050	
L40	17.75 - 12.75 (40)	0.011	0.609	0.000	0.020	0.001	0.620	1.050	
L41	12.75 - 7.75 (41)	0.011	0.617	0.000	0.020	0.001	0.629	1.050	
L42	7.75 - 2.75 (42)	0.011	0.612	0.000	0.020	0.001	0.624	1.050	
L43	2.75 - 0 (43)	0.011	0.607	0.000	0.019	0.001	0.619	1.050	

Section Capacity Table

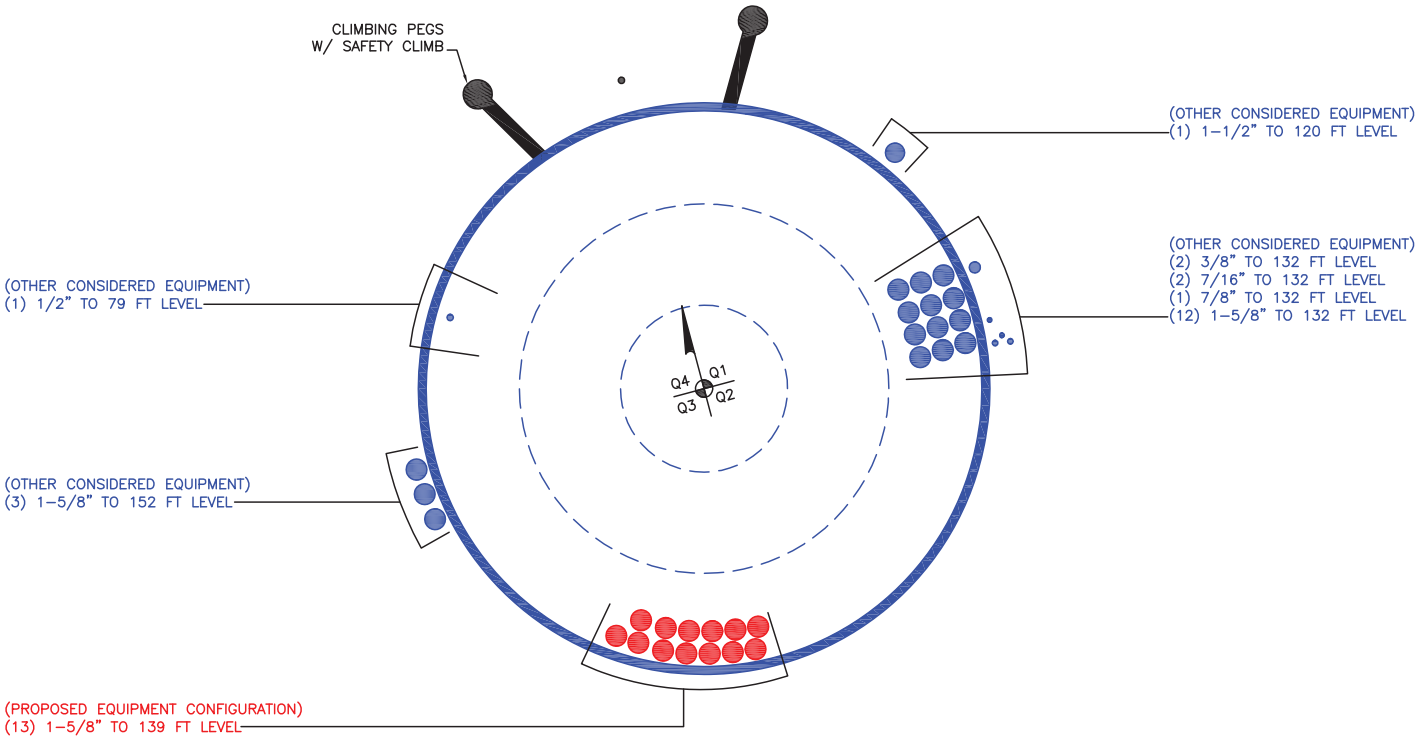
Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	150 - 145	Pole	TP14.1168x13x0.1875	1	-3.39	509.19	20.2	Pass
L2	145 - 140	Pole	TP15.2336x14.1168x0.1875	2	-3.56	550.02	29.3	Pass
L3	140 - 133.71	Pole	TP16.6385x15.2336x0.1875	3	-7.10	580.28	42.6	Pass
L4	133.71 - 131.293	Pole	TP16.7954x15.6865x0.3125	4	-11.02	1004.23	38.1	Pass
L5	131.293 - 126.293	Pole	TP17.9042x16.7954x0.3125	5	-11.60	1071.79	49.6	Pass
L6	126.293 - 121.293	Pole	TP19.0131x17.9042x0.3125	6	-12.23	1139.34	58.6	Pass
L7	121.293 - 116.293	Pole	TP20.1219x19.0131x0.3125	7	-15.21	1206.91	67.5	Pass
L8	116.293 - 111.293	Pole	TP21.2308x20.1219x0.3125	8	-15.97	1274.47	74.6	Pass
L9	111.293 - 108	Pole	TP21.9611x21.2308x0.3125	9	-16.48	1318.97	78.4	Pass
L10	108 - 107.75	Pole	TP22.0166x21.9611x0.6375	10	-16.56	2657.18	40.3	Pass
L11	107.75 - 102.75	Pole	TP23.1254x22.0166x0.6125	11	-17.62	2688.38	44.2	Pass
L12	102.75 - 97.75	Pole	TP24.2343x23.1254x0.6	12	-18.74	2764.69	47.1	Pass
L13	97.75 - 92.75	Pole	TP25.3432x24.2343x0.5875	13	-19.89	2835.54	49.6	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L14	92.75 - 88.0833	Pole	TP26.3781x25.3432x0.5875	14	-20.09	2856.70	49.9	Pass
L15	88.0833 - 86.9166	Pole	TP26.0114x24.903x0.6375	15	-21.99	3153.69	49.7	Pass
L16	86.9166 - 83	Pole	TP26.8796x26.0114x0.625	16	-23.01	3199.17	51.3	Pass
L17	83 - 82.75	Pole	TP26.935x26.8796x0.6625	17	-23.09	3393.43	48.6	Pass
L18	82.75 - 77.75	Pole	TP28.0434x26.935x0.65	18	-24.60	3471.45	50.1	Pass
L19	77.75 - 77	Pole	TP28.2096x28.0434x0.6375	19	-24.82	3426.91	51.1	Pass
L20	77 - 76.75	Pole	TP28.265x28.2096x0.6125	20	-24.90	3302.12	53.1	Pass
L21	76.75 - 75	Pole	TP28.653x28.265x0.6125	21	-25.35	3348.45	53.2	Pass
L22	75 - 74.75	Pole	TP28.7084x28.653x0.6375	22	-25.44	3488.90	51.3	Pass
L23	74.75 - 69.75	Pole	TP29.8168x28.7084x0.625	23	-26.92	3557.07	52.6	Pass
L24	69.75 - 64.75	Pole	TP30.9251x29.8168x0.6125	24	-28.44	3619.78	53.8	Pass
L25	64.75 - 63	Pole	TP31.3131x30.9251x0.6125	25	-28.97	3666.11	53.9	Pass
L26	63 - 62.75	Pole	TP31.3685x31.3131x0.5875	26	-29.06	3525.68	56.1	Pass
L27	62.75 - 57.75	Pole	TP32.4769x31.3685x0.575	27	-30.50	3576.32	57.3	Pass
L28	57.75 - 52.75	Pole	TP33.5853x32.4769x0.575	28	-31.11	3626.02	57.3	Pass
L29	52.75 - 43.4966	Pole	TP35.6365x33.5853x0.5625	29	-31.99	3621.49	58.5	Pass
L30	43.4966 - 42.4966	Pole	TP35.1046x33.7781x0.5625	30	-35.93	3763.87	60.9	Pass
L31	42.4966 - 37.4966	Pole	TP36.2101x35.1046x0.55	31	-36.23	3705.28	62.1	Pass
L32	37.4966 - 33	Pole	TP37.2042x36.2101x0.55	32	-37.78	3823.82	61.9	Pass
L33	33 - 32.75	Pole	TP37.2595x37.2042x0.6625	33	-39.18	4719.83	51.6	Pass
L34	32.75 - 32	Pole	TP37.4253x37.2595x0.6625	34	-39.28	4726.97	51.5	Pass
L35	32 - 31.75	Pole	TP37.4805x37.4253x0.5875	35	-39.55	4219.43	57.7	Pass
L36	31.75 - 28	Pole	TP38.3096x37.4805x0.575	36	-39.64	4137.25	58.9	Pass
L37	28 - 27.75	Pole	TP38.3649x38.3096x0.575	37	-40.92	4230.19	58.6	Pass
L38	27.75 - 22.75	Pole	TP39.4703x38.3649x0.575	38	-41.01	4236.38	58.6	Pass
L39	22.75 - 17.75	Pole	TP40.5757x39.4703x0.5625	39	-42.75	4266.89	59.5	Pass
L40	17.75 - 12.75	Pole	TP41.6812x40.5757x0.5625	40	-44.52	4388.12	59.0	Pass
L41	12.75 - 7.75	Pole	TP42.7866x41.6812x0.55	41	-46.31	4410.48	59.9	Pass
L42	7.75 - 2.75	Pole	TP43.892x42.7866x0.55	42	-48.12	4529.02	59.4	Pass
L43	2.75 - 0	Pole	TP44.5x43.892x0.55	43	-49.83	4647.55	58.9	Pass
							Summary	
						Pole (L9)	78.4	Pass
						RATING =	**78.4**	**Pass**

***NOTE: Above stress ratios for reinforced sections are approximate. More exact calculations are presented in Appendix C.**

APPENDIX B

BASE LEVEL DRAWING



BUSINESS UNIT: 876384 TOWER ID: C_BASELEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

CCIpole

per TIA-222- H

Site BU: 876384

Work Order: 2278847

CROWN CASTLE

CN13-130 BU_876384 WO_2278847_Unmodified.eri *(last saved 01/22 4:56 pm)*

Pole Geometry

	Pole Height Above Base (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Bend Radius (in)	Pole Material
1	150	16.29	2.5833	18	13	16.6385	0.1875	Auto	A572-65
2	136.2933	48.21	3.8333	18	15.69	26.3781	0.3125	Auto	A572-65
3	91.9166	48.42	5	18	24.90	35.6365	0.375	Auto	A572-65
4	48.4966	48.4966	0	18	33.78	44.5	0.375	Auto	A572-65

Reinforcement Configuration

	Bottom Effective Elevation (ft)	Top Effective Elevation (ft)	Type	Model	Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	0	33	plate	CCI-WSFP-060100	2																		
2	0	28	plate	CCI-WSFP-060100	2																		
3	32	63	plate	CCI-SFP-060100	1																		
4	28	63	plate	CCI-SFP-060100	2																		
5	63	83	plate	CCI-SFP-060100	3																		
6	63	75	plate	CCI-SFP-060100	1																		
7	75	77	plate	PL 5"x1"	1							-0.5											
8	77	83	plate	CCI-SFP-060100	1																		
9	83	108	plate	CCI-SFP-060100	3																		
10																							

Reinforcement Details

	B (in)	H (in)	Gross Area (in^2)	Pole Face to Centroid (in)	Bottom Termination Type	Bottom Termination Length (in)	Top Termination Type	Top Termination Length (in)	Lu (in)	Net Area (in2)	Bolt Hole Size (in)	Reinforcement Material
1	6	1	6	0.5	Welded	n/a	PC 8.8 - M20 (100)	24.000	16.000	4.750	1.1875	A572-65
2	6	1	6	0.5	Welded	n/a	PC 8.8 - M20 (100)	24.000	16.000	4.750	1.1875	A572-65
3	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.000	4.750	1.1875	A572-65
4	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.000	4.750	1.1875	A572-65
5	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.000	4.750	1.1875	A572-65
6	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.000	4.750	1.1875	A572-65
7	5	1	5	0.5	None	n/a	None	n/a	0.000	5.000	0.0000	A572-65
8	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.000	4.750	1.1875	A572-65
9	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.000	4.750	1.1875	A572-65

Connection Details for Custom Reinforcements

Reinforcement	End	# Bolts	N or X	Bolt Spacing (in)	Edge Dist (in)	Weld Grade (ksi)	Transverse (Horiz.) Weld Type	Horiz. Weld Length (in)	Horiz. Groove Depth (in)	Horiz. Groove Angle (deg)	Horiz. Fillet Size (in)	Vertical Weld Length (in)	Vertical Fillet Size (in)	Rev H Connection Capacity (kip)
PL 5"x1"	Top	-	-	-	-	-	None	-	-	-	-	-	-	-
	Bottom	-	-	-	-	-	None	-	-	-	-	-	-	-

TNX Geometry Input

Increment (ft): 5 Export to TNX

	Section Height (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Tapered Pole Grade	Weight Multiplier
1	150 - 145	5		18	13.000	14.117	0.1875	A572-65	1.000
2	145 - 140	5		18	14.117	15.234	0.1875	A572-65	1.000
3	140 - 136.2933	6.29	2.5833	18	15.234	16.639	0.1875	A572-65	1.000
4	136.2933 - 131.2933	5		18	15.686	16.795	0.3125	A572-65	1.000
5	131.2933 - 126.2933	5		18	16.795	17.904	0.3125	A572-65	1.000
6	126.2933 - 121.2933	5		18	17.904	19.013	0.3125	A572-65	1.000
7	121.2933 - 116.2933	5		18	19.013	20.122	0.3125	A572-65	1.000
8	116.2933 - 111.2933	5		18	20.122	21.231	0.3125	A572-65	1.000
9	111.2933 - 108	3.2933		18	21.231	21.961	0.3125	A572-65	1.000
10	108 - 107.75	0.25		18	21.961	22.017	0.6375	A572-65	0.914
11	107.75 - 102.75	5		18	22.017	23.125	0.6125	A572-65	0.928
12	102.75 - 97.75	5		18	23.125	24.234	0.6	A572-65	0.927
13	97.75 - 92.75	5		18	24.234	25.343	0.5875	A572-65	0.928
14	92.75 - 91.9166	4.6667	3.8333	18	25.343	26.378	0.5875	A572-65	0.925
15	91.9166 - 86.9166	5		18	24.903	26.011	0.6375	A572-65	0.945
16	86.9166 - 83	3.9166		18	26.011	26.880	0.625	A572-65	0.951
17	83 - 82.75	0.25		18	26.880	26.935	0.6625	A572-65	1.007
18	82.75 - 77.75	5		18	26.935	28.043	0.65	A572-65	1.007
19	77.75 - 77	0.75		18	28.043	28.210	0.6375	A572-65	1.024
20	77 - 76.75	0.25		18	28.210	28.265	0.6125	A572-65	0.952
21	76.75 - 75	1.75		18	28.265	28.653	0.6125	A572-65	0.948
22	75 - 74.75	0.25		18	28.653	28.708	0.6375	A572-65	1.016
23	74.75 - 69.75	5		18	28.708	29.817	0.625	A572-65	1.020
24	69.75 - 64.75	5		18	29.817	30.925	0.6125	A572-65	1.024
25	64.75 - 63	1.75		18	30.925	31.313	0.6125	A572-65	1.019
26	63 - 62.75	0.25		18	31.313	31.368	0.5875	A572-65	0.956
27	62.75 - 57.75	5		18	31.368	32.477	0.575	A572-65	0.965
28	57.75 - 52.75	5		18	32.477	33.585	0.575	A572-65	0.955
29	52.75 - 48.4966	9.2534	5	18	33.585	35.637	0.5625	A572-65	0.967
30	48.4966 - 42.4966	6		18	33.778	35.105	0.5625	A572-65	0.962
31	42.4966 - 37.4966	5		18	35.105	36.210	0.55	A572-65	0.974
32	37.4966 - 33	4.4966		18	36.210	37.204	0.55	A572-65	0.966
33	33 - 32.75	0.25		18	37.204	37.259	0.6625	A572-65	0.960
34	32.75 - 32	0.75		18	37.259	37.425	0.6625	A572-65	0.959
35	32 - 31.75	0.25		18	37.425	37.481	0.5875	A572-65	0.991
36	31.75 - 28	3.75		18	37.481	38.310	0.575	A572-65	1.004
37	28 - 27.75	0.25		18	38.310	38.365	0.575	A572-65	1.004
38	27.75 - 22.75	5		18	38.365	39.470	0.575	A572-65	0.994
39	22.75 - 17.75	5		18	39.470	40.576	0.5625	A572-65	1.006
40	17.75 - 12.75	5		18	40.576	41.681	0.5625	A572-65	0.997
41	12.75 - 7.75	5		18	41.681	42.787	0.55	A572-65	1.010
42	7.75 - 2.75	5		18	42.787	43.892	0.55	A572-65	1.002
43	2.75 - 0	2.75		18	43.892	44.500	0.55	A572-65	0.997

TNX Section Forces

Increment (ft):	5	TNX Output		
	Section Height (ft)	P_u (K)	M_{ux} (kip-ft)	V_u (K)
1	150 - 145	3.39	35.73	5.02
2	145 - 140	3.56	61.34	5.31
3	140 - 136.293	7.10	97.78	10.43
4	136.293 - 131.293	11.02	156.84	15.43
5	131.293 - 126.293	11.60	235.04	15.89
6	126.293 - 121.293	12.23	315.52	16.35
7	121.293 - 116.293	15.21	408.46	19.06
8	116.293 - 111.293	15.97	504.73	19.50
9	111.293 - 108	16.48	569.33	19.79
10	108 - 107.75	16.56	574.28	19.81
11	107.75 - 102.75	17.62	674.61	20.37
12	102.75 - 97.75	18.74	777.22	20.72
13	97.75 - 92.75	19.89	881.56	21.06
14	92.75 - 91.9166	20.09	899.11	21.11
15	91.9166 - 86.9166	21.99	1005.78	21.57
16	86.9166 - 83	23.01	1090.66	21.83
17	83 - 82.75	23.09	1096.11	21.84
18	82.75 - 77.75	24.60	1206.13	22.25
19	77.75 - 77	24.82	1222.82	22.30
20	77 - 76.75	24.90	1228.39	22.31
21	76.75 - 75	25.35	1267.49	22.44
22	75 - 74.75	25.44	1273.09	22.44
23	74.75 - 69.75	26.92	1385.97	22.76
24	69.75 - 64.75	28.44	1500.40	23.07
25	64.75 - 63	28.97	1540.81	23.18
26	63 - 62.75	29.06	1546.60	23.18
27	62.75 - 57.75	30.50	1663.08	23.46
28	57.75 - 52.75	31.97	1780.93	23.73
29	52.75 - 48.4966	33.24	1882.20	23.95
30	48.4966 - 42.4966	36.21	2027.21	24.38
31	42.4966 - 37.4966	37.75	2149.56	24.58
32	37.4966 - 33	39.17	2260.43	24.75
33	33 - 32.75	39.27	2266.62	24.75
34	32.75 - 32	39.53	2285.20	24.79
35	32 - 31.75	39.62	2291.40	24.79
36	31.75 - 28	40.90	2384.68	24.96
37	28 - 27.75	41.00	2390.91	24.95
38	27.75 - 22.75	42.73	2516.19	25.16
39	22.75 - 17.75	44.49	2642.45	25.35
40	17.75 - 12.75	46.28	2769.65	25.54
41	12.75 - 7.75	48.10	2897.78	25.72
42	7.75 - 2.75	49.80	3026.73	25.89
43	2.75 - 0	50.71	3097.98	25.98

Analysis Results

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
150 - 145	Pole	TP14.117x13x0.1875	Pole	20.2%	Pass
145 - 140	Pole	TP15.234x14.117x0.1875	Pole	29.2%	Pass
140 - 136.29	Pole	TP16.639x15.234x0.1875	Pole	42.4%	Pass
136.29 - 131.29	Pole	TP16.795x15.686x0.3125	Pole	38.0%	Pass
131.29 - 126.29	Pole	TP17.904x16.795x0.3125	Pole	49.5%	Pass
126.29 - 121.29	Pole	TP19.013x17.904x0.3125	Pole	58.5%	Pass
121.29 - 116.29	Pole	TP20.122x19.013x0.3125	Pole	67.4%	Pass
116.29 - 111.29	Pole	TP21.231x20.122x0.3125	Pole	74.5%	Pass
111.29 - 108	Pole	TP21.961x21.231x0.3125	Pole	78.3%	Pass
108 - 107.75	Pole + Reinf.	TP22.017x21.961x0.6375	Reinf. 9 Tension Rupture	64.4%	Pass
107.75 - 102.75	Pole + Reinf.	TP23.125x22.017x0.6125	Reinf. 9 Tension Rupture	70.1%	Pass
102.75 - 97.75	Pole + Reinf.	TP24.234x23.125x0.6	Reinf. 9 Tension Rupture	75.1%	Pass
97.75 - 92.75	Pole + Reinf.	TP25.343x24.234x0.5875	Reinf. 9 Tension Rupture	79.5%	Pass
92.75 - 91.92	Pole + Reinf.	TP26.378x25.343x0.5875	Reinf. 9 Tension Rupture	80.1%	Pass
91.92 - 86.92	Pole + Reinf.	TP26.011x24.903x0.6375	Reinf. 9 Tension Rupture	78.6%	Pass
86.92 - 83	Pole + Reinf.	TP26.88x26.011x0.625	Reinf. 9 Tension Rupture	80.8%	Pass
83 - 82.75	Pole + Reinf.	TP26.935x26.88x0.6625	Reinf. 5 Tension Rupture	80.7%	Pass
82.75 - 77.75	Pole + Reinf.	TP28.043x26.935x0.65	Reinf. 5 Tension Rupture	83.1%	Pass
77.75 - 77	Pole + Reinf.	TP28.21x28.043x0.6375	Reinf. 5 Tension Rupture	83.5%	Pass
77 - 76.75	Pole + Reinf.	TP28.265x28.21x0.6125	Reinf. 5 Tension Rupture	83.8%	Pass
76.75 - 75	Pole + Reinf.	TP28.653x28.265x0.6125	Reinf. 5 Tension Rupture	84.5%	Pass
75 - 74.75	Pole + Reinf.	TP28.708x28.653x0.6375	Reinf. 5 Tension Rupture	84.4%	Pass
74.75 - 69.75	Pole + Reinf.	TP29.817x28.708x0.625	Reinf. 5 Tension Rupture	86.3%	Pass
69.75 - 64.75	Pole + Reinf.	TP30.925x29.817x0.6125	Reinf. 5 Tension Rupture	88.0%	Pass
64.75 - 63	Pole + Reinf.	TP31.313x30.925x0.6125	Reinf. 5 Tension Rupture	88.5%	Pass
63 - 62.75	Pole + Reinf.	TP31.368x31.313x0.5875	Reinf. 3 Tension Rupture	88.7%	Pass
62.75 - 57.75	Pole + Reinf.	TP32.477x31.368x0.575	Reinf. 3 Tension Rupture	90.0%	Pass
57.75 - 52.75	Pole + Reinf.	TP33.585x32.477x0.575	Reinf. 3 Tension Rupture	91.1%	Pass
52.75 - 48.5	Pole + Reinf.	TP35.637x33.585x0.5625	Reinf. 3 Tension Rupture	91.8%	Pass
48.5 - 42.5	Pole + Reinf.	TP35.105x33.778x0.5625	Reinf. 3 Tension Rupture	96.2%	Pass
42.5 - 37.5	Pole + Reinf.	TP36.21x35.105x0.55	Reinf. 3 Tension Rupture	96.7%	Pass
37.5 - 33	Pole + Reinf.	TP37.204x36.21x0.55	Reinf. 3 Tension Rupture	97.1%	Pass
33 - 32.75	Pole + Reinf.	TP37.259x37.204x0.6625	Reinf. 4 Tension Rupture	83.1%	Pass
32.75 - 32	Pole + Reinf.	TP37.425x37.259x0.6625	Reinf. 4 Tension Rupture	83.2%	Pass
32 - 31.75	Pole + Reinf.	TP37.481x37.425x0.5875	Reinf. 4 Tension Rupture	85.7%	Pass
31.75 - 28	Pole + Reinf.	TP38.31x37.481x0.575	Reinf. 4 Tension Rupture	86.0%	Pass
28 - 27.75	Pole + Reinf.	TP38.365x38.31x0.575	Reinf. 2 Tension Rupture	86.0%	Pass
27.75 - 22.75	Pole + Reinf.	TP39.47x38.365x0.575	Reinf. 2 Tension Rupture	86.3%	Pass
22.75 - 17.75	Pole + Reinf.	TP40.576x39.47x0.5625	Reinf. 2 Tension Rupture	86.5%	Pass
17.75 - 12.75	Pole + Reinf.	TP41.681x40.576x0.5625	Reinf. 2 Tension Rupture	86.6%	Pass
12.75 - 7.75	Pole + Reinf.	TP42.787x41.681x0.55	Reinf. 2 Tension Rupture	86.7%	Pass
7.75 - 2.75	Pole + Reinf.	TP43.892x42.787x0.55	Reinf. 2 Tension Rupture	86.7%	Pass
2.75 - 0	Pole + Reinf.	TP44.5x43.892x0.55	Reinf. 2 Tension Rupture	86.7%	Pass
				Summary	
			Pole	78.3%	Pass
			Reinforcement	97.1%	Pass
			Overall	97.1%	Pass

Additional Calculations

Section Elevation (ft)	Moment of Inertia (in^4)			Area (in^2)			% Capacity*									
	Pole	Reinf.	Total	Pole	Reinf.	Total	Pole	R1	R2	R3	R4	R5	R6	R7	R8	R9
150 - 145	203	n/a	203	8.29	n/a	8.29	20.2%									
145 - 140	256	n/a	256	8.95	n/a	8.95	29.2%									
140 - 136.29	301	n/a	301	9.45	n/a	9.45	42.4%									
136.29 - 131.29	561	n/a	561	16.35	n/a	16.35	38.0%									
131.29 - 126.29	682	n/a	682	17.45	n/a	17.45	49.5%									
126.29 - 121.29	819	n/a	819	18.55	n/a	18.55	58.5%									
121.29 - 116.29	974	n/a	974	19.65	n/a	19.65	67.4%									
116.29 - 111.29	1147	n/a	1147	20.75	n/a	20.75	74.5%									
111.29 - 108	1271	n/a	1271	21.47	n/a	21.47	78.3%									
108 - 107.75	1281	1220	2501	21.53	18.00	39.53	39.7%									64.4%
107.75 - 102.75	1487	1337	2825	22.63	18.00	40.63	43.3%									70.1%
102.75 - 97.75	1715	1460	3175	23.73	18.00	41.73	46.5%									75.1%
97.75 - 92.75	1965	1589	3554	24.83	18.00	42.83	49.2%									79.5%
92.75 - 91.92	2008	1611	3620	25.01	18.00	43.01	49.6%									80.1%
91.92 - 86.92	2533	1669	4202	30.51	18.00	48.51	48.7%									78.6%
86.92 - 83	2799	1777	4576	31.55	18.00	49.55	50.1%									80.8%
83 - 82.75	2829	1972	4802	31.61	24.00	55.61	50.8%					80.7%			59.0%	
82.75 - 77.75	3198	2129	5327	32.93	24.00	56.93	52.4%					83.1%			61.2%	
77.75 - 77	3256	2153	5409	33.13	24.00	57.13	52.7%					83.5%			61.5%	
77 - 76.75	3261	1955	5216	33.19	18.00	51.19	52.1%					83.8%				
76.75 - 75	3399	2006	5405	33.66	18.00	51.66	52.6%					84.5%				
75 - 74.75	3434	2226	5660	33.72	24.00	57.72	53.3%					84.4%	62.4%			
74.75 - 69.75	3852	2393	6244	35.04	24.00	59.04	54.6%					86.3%	64.2%			
69.75 - 64.75	4303	2565	6868	36.36	24.00	60.36	55.7%					88.0%	65.8%			
64.75 - 63	4468	2627	7096	36.82	24.00	60.82	56.0%					88.5%	66.4%			
63 - 62.75	4476	2385	6861	36.89	18.00	54.89	55.3%			88.7%	88.7%					
62.75 - 57.75	4973	2549	7522	38.21	18.00	56.21	56.2%			90.0%	90.0%					
57.75 - 52.75	5506	2719	8225	39.53	18.00	57.53	56.9%			91.1%	91.1%					
52.75 - 48.5	5989	2868	8856	40.65	18.00	58.65	57.4%			91.8%	91.8%					
48.5 - 42.5	6297	2961	9258	41.34	18.00	59.34	60.2%			96.2%	96.2%					
42.5 - 37.5	6918	3143	10061	42.65	18.00	60.65	60.7%			96.7%	96.7%					
37.5 - 33	7509	3312	10821	43.83	18.00	61.83	61.4%			97.1%	97.1%					
33 - 32.75	7596	5393	12990	43.90	30.00	73.90	54.9%	74.9%		82.1%	83.1%					
32.75 - 32	7699	5440	13139	44.10	30.00	74.10	55.1%	75.0%		82.2%	83.2%					
32 - 31.75	7680	4097	11776	44.16	24.00	68.16	57.7%	85.7%			85.7%					
31.75 - 28	8206	4273	12479	45.15	24.00	69.15	58.3%	86.0%			86.0%					
28 - 27.75	8242	4285	12527	45.22	24.00	69.22	58.3%	86.0%	86.0%							
27.75 - 22.75	8983	4527	13509	46.53	24.00	70.53	59.0%	86.3%	86.3%							
22.75 - 17.75	9766	4775	14542	47.85	24.00	71.85	59.6%	86.5%	86.5%							
17.75 - 12.75	10594	5031	15625	49.16	24.00	73.16	60.2%	86.6%	86.6%							
12.75 - 7.75	11468	5292	16760	50.48	24.00	74.48	60.8%	86.7%	86.7%							
7.75 - 2.75	12388	5561	17949	51.79	24.00	75.79	61.3%	86.7%	86.7%							
2.75 - 0	12914	5712	18626	52.52	24.00	76.52	61.5%	86.7%	86.7%							

Note: Section capacity checked using 5 degree increments.
Rating per TIA-222-H Section 15.5.

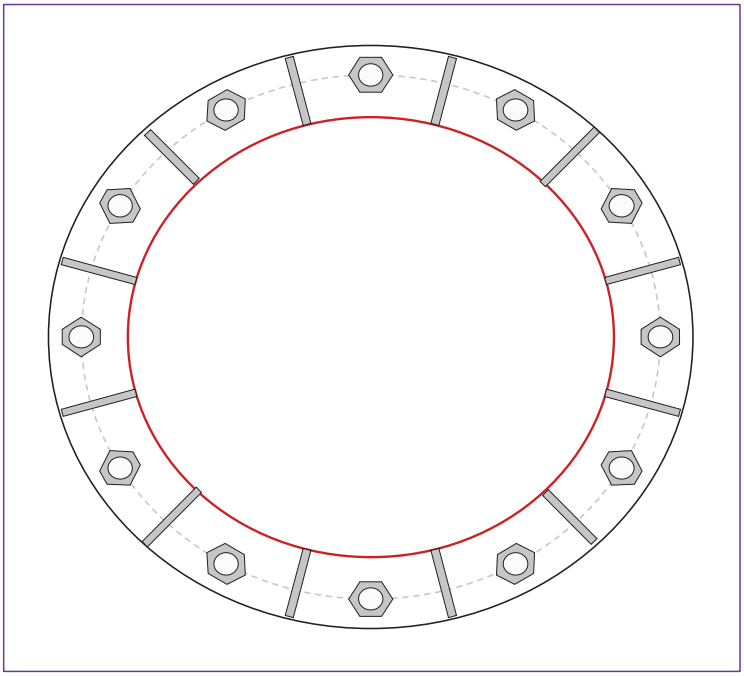
Monopole Base Plate Connection

Site Info	
BU #	876384
Site Name	Westbrook / Orsina
Order #	654600 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	0.75

Applied Loads	
Moment (kip-ft)	3097.98
Axial Force (kips)	50.71
Shear Force (kips)	25.98

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(12) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 53" BC

Base Plate Data

59" OD x 1.75" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

(12) 18"H x 7"W x 0.75"T, Notch: 0.75"
plate: Fy= 50 ksi ; weld: Fy= 70 ksi
horiz. weld: 0.375" groove, 45° dbl bevelFALSE
vert. weld: 0.375" fillet

Pole Data

44.5" x 0.375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

Pu_t = 229.41	ϕPn_t = 243.75	**Stress Rating**
Vu = 2.17	ϕVn = 149.1	**89.6%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	46.76	(Roark's Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**82.5%**	**Pass**

Stiffener Summary

Horizontal Weld:	**74.2%**	**Pass**
Vertical Weld:	**55.8%**	**Pass**
Plate Flexure+Shear:	**27.6%**	**Pass**
Plate Tension+Shear:	**75.1%**	**Pass**
Plate Compression:	**81.3%**	**Pass**

Pole Summary

Punching Shear:	**16.8%**	**Pass**

Pier and Pad Foundation

BU # :	876384
Site Name:	Westbrook / Orsina
App. Number:	654600 Rev. 0

TIA-222 Revision:	H
Tower Type:	Monopole

Top & Bot. Pad Rein. Different?:	☐
Block Foundation?:	☐
Rectangular Pad?:	☐

Superstructure Analysis Reactions		
Compression, P_{comp}:	50.73	kips
Base Shear, Vu_comp:	25.95	kips
Moment, M_u:	3097.98	ft-kips
Tower Height, **H**:	150	ft
BP Dist. Above Fdn, bp_{dist}:	3.25	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	6	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	8	
Pier Rebar Quantity, **mc**:	30	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	4	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	6	ft
Pad Width, W_1:	28	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	8	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	25	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	4	ksi
Dry Concrete Density, δc:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	100	pcf
Ultimate Gross Bearing, Qult:	8.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	0	degrees
SPT Blow Count, N_{blows}:	13	
Base Friction, μ:	0.3	
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	2.5	ft

Seismic Design Category:	B

<--Toggle between Gross and Net

Foundation Analysis Checks				
	Capacity	**Demand**	**Rating***	**Check**
Lateral (Sliding) (kips)	113.73	25.95	**21.7%**	**Pass**
Bearing Pressure (ksf)	6.00	1.45	**24.1%**	**Pass**
*Overturning (kip*ft)*	5411.47	3286.66	**60.7%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	3339.29	3201.78	**91.3%**	**Pass**
Pier Compression (kip)	22913.28	75.30	**0.3%**	**Pass**
*Pad Flexure (kip*ft)*	2753.47	1390.72	**48.1%**	**Pass**
Pad Shear - 1-way (kips)	1004.09	181.95	**17.3%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.038	**19.2%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	2893.34	1921.07	**63.2%**	**Pass**

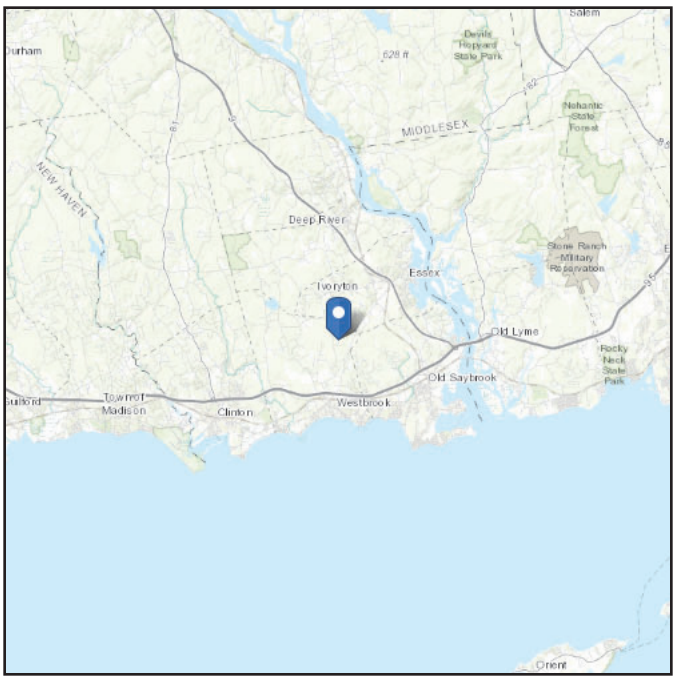
**Rating per TIA-222-H Section 15.5*

Structural Rating*:	**91.3%**
Soil Rating*:	**60.7%**

ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.320167
Risk Category:	II	**Longitude:**	-72.441667
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	159.5579158341996 ft (NAVD 88)



Wind

Results:

Wind Speed	124 Vmph
10-year MRI	75 Vmph
25-year MRI	85 Vmph
50-year MRI	96 Vmph
100-year MRI	101 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2

Date Accessed: Mon Jan 22 2024

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

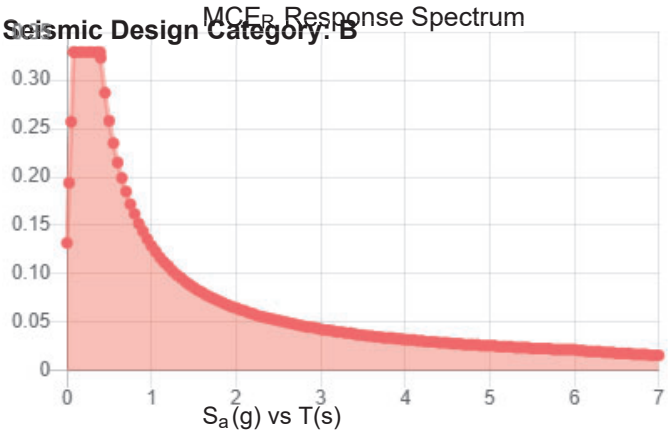
Seismic

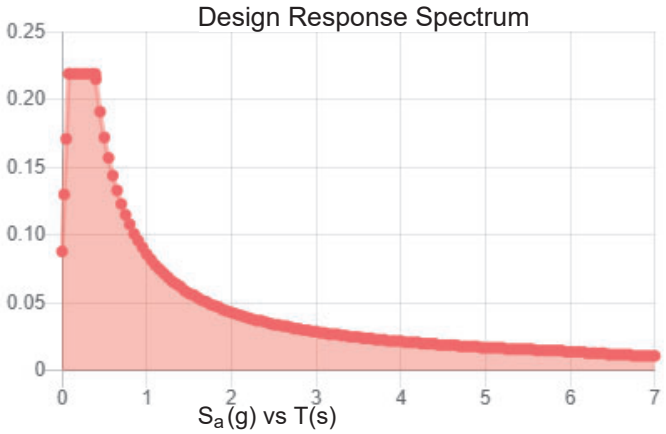
Site Soil Class: D - Default (see Section 11.4.3)

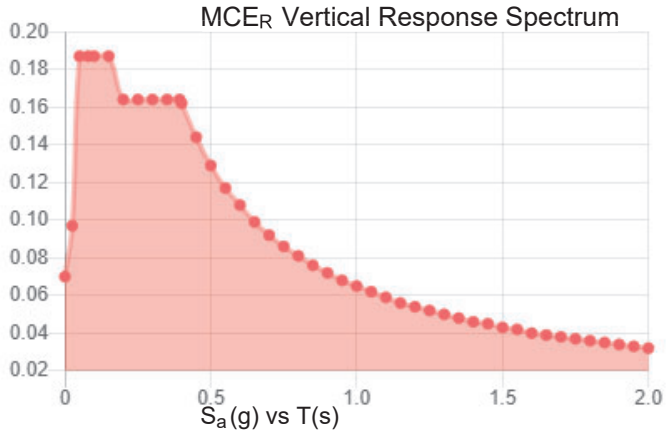
Results:

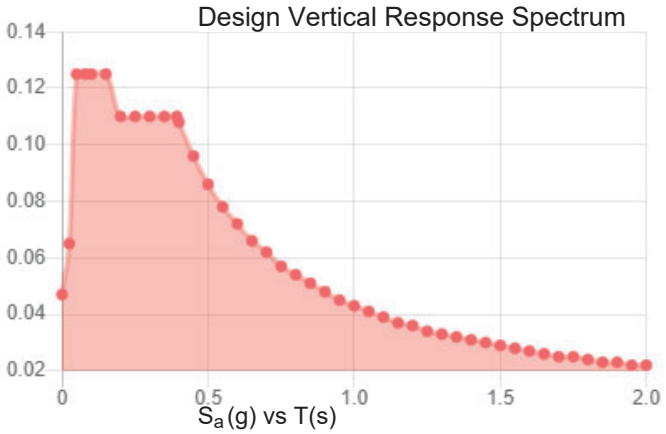
S_S :	0.206	S_{D1} :	0.086
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.115
F_v :	2.4	PGA_M :	0.18
S_{MS} :	0.329	F_{PGA} :	1.57
S_{M1} :	0.129	I_e :	1
S_{DS} :	0.219	C_v :	0.711

Seismic Design Category: B









Data Accessed: Mon Jan 22 2024

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Mon Jan 22 2024

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

NOTE:
AN ANALYSIS OF THE CAPACITY OF THE STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY MORRISON HERSHFIELD DATED JANUARY 22, 2024.

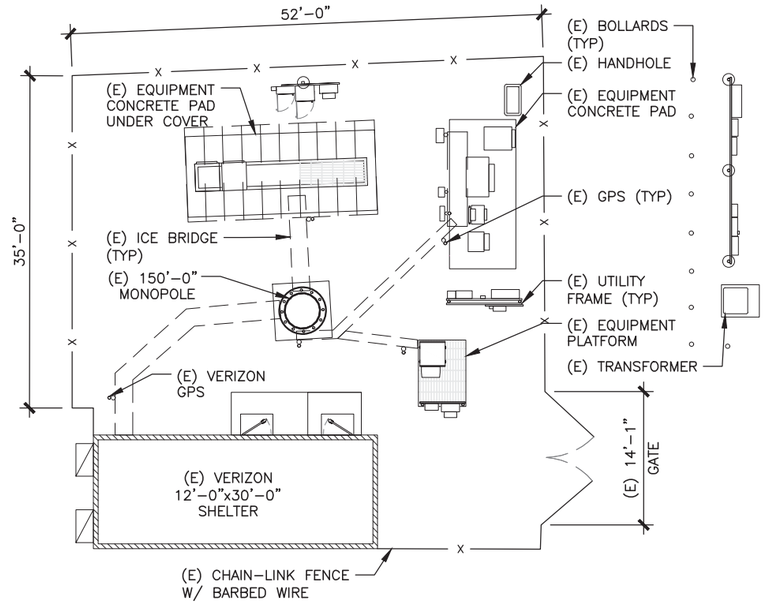
LEASE EXHIBIT:
THIS LEASE EXHIBIT IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF THE SITE SURVEY AND FACILITY DESIGN.

LOCATION MAP
N.T.S

APPROXIMATE COORDINATES:	LATITUDE:	41° 19' 12.6" N	41.320194° N
	LONGITUDE:	72° 26' 30.0" W	72.442278° W

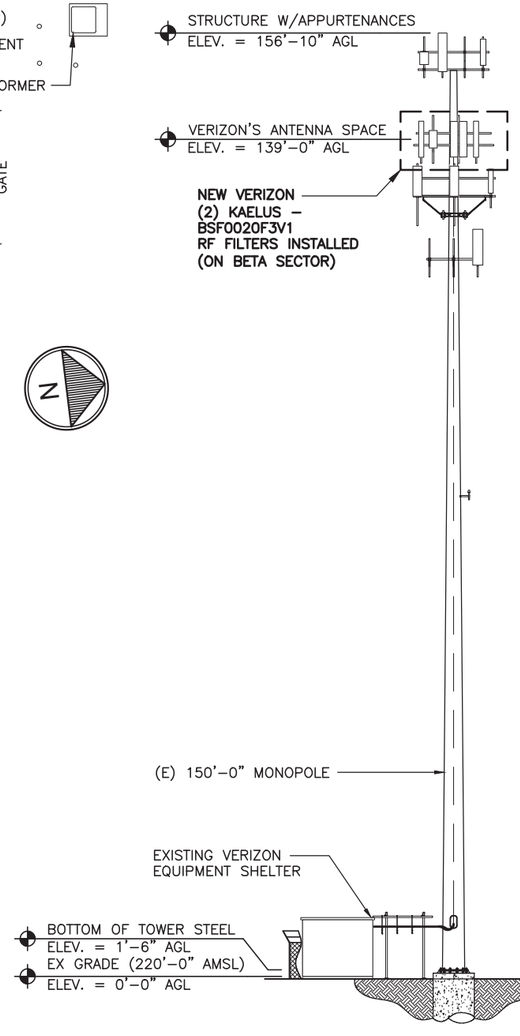
N

1 PARTIAL SITE / KEY PLAN
SCALE: N.T.S.



2 SITE PLAN
SCALE: 0' 8' 16' 32' 48'

N



3 TOWER ELEVATION
SCALE: N.T.S

verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP
MTS ENGINEERING, P.L.L.C.
1717 S. BOULDER
SUITE 300
TULSA, OK 74119
PH: (918) 587-4630
btwo@btgrp.com

WESTBROOK NE CT

798 TOBY HILL ROAD
WESTBROOK, CT 06498

EXISTING MONOPOLE

PROJECT NO:	128492.003.01
CHECKED BY:	LR

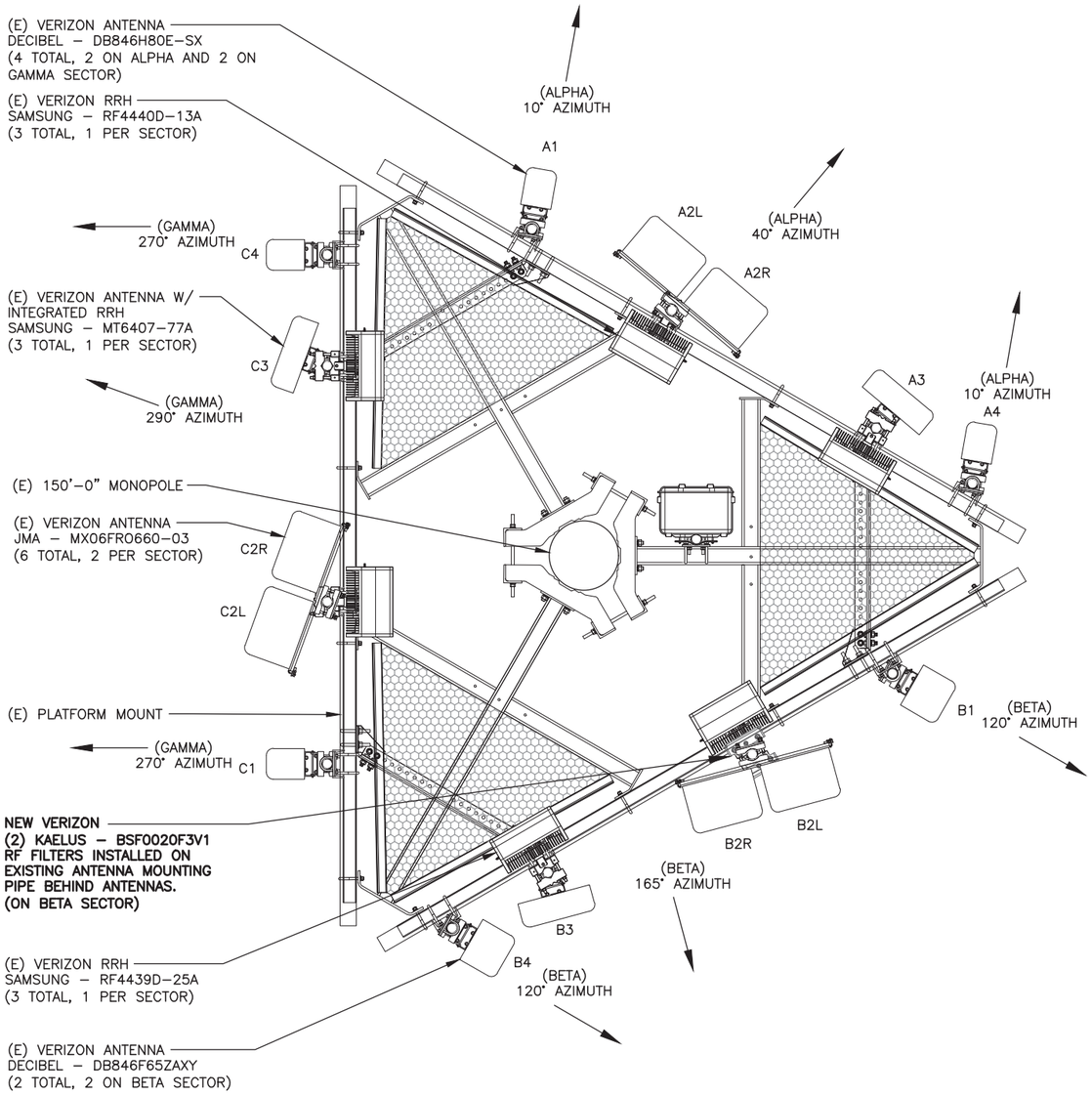
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	3/25/24	BR	CONSTRUCTION

MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

STATE OF CONNECTICUT
CHAD LITTLE
No. 23924
LICENSED
PROFESSIONAL ENGINEER
3/25/24

SHEET NUMBER:	REVISION:
LE-1	0

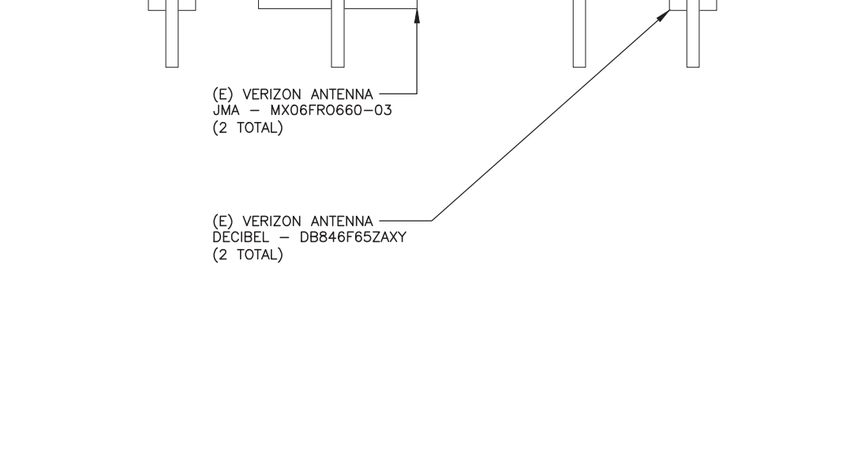


NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

1 NEW RF FILTER PLAN

SCALE: 0' 1' 2' 4' 8'



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

SCALE: 0' 1' 2' 4' 8'

N

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP

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CHAD BATTLE
No. 23924
LICENSED
PROFESSIONAL ENGINEER
3/25/24

SHEET NUMBER:	REVISION:
LE-2	0

THIS CHECK PRINTED ON DOCUCHECK GHOST PAPER AND HAS A GRAPHIC WATERMARK ON REVERSE SIDE

CROWN CASTLE USA INC.
2000 CORPORATE DRIVE
CANONSBURG PA 15317
724-416-2000

JPMorgan Chase Bank, N.A.
DALLAS TX
32-61/1110

2949891

SIX HUNDRED TWENTY FIVE AND 00/100********** DATE 04/01/24 $*******625.00

Pay To The Order Of Connecticut Siting Council
Ten Franklin Square
New Britain CT 06051

2695915

VP and Controller

VOID AFTER 180 DAYS

⑈2949891⑈ ⑆111000614⑆ 1034104531⑈

Check No 2949891
Check Date 04/01/24

Stub 1 of 1

CKRQ 654600 ZN APP	03/27/24	Invoice Summ	625.00		625.00
			625.00		625.00