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

April 4, 2024

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

RE: **Notice of Exempt Modification for Verizon Wireless: 5000245392**
Crown Site ID# 841289
170 Ingham Hill Road, Old Saybrook, CT 06475
Latitude: 41° 18′ 35.55″ / Longitude: -72° 23′ 51.13″

Dear Ms. Bachman:

Verizon Wireless currently maintains twelve (12) antennas at the 132-foot mount on the existing 150-foot monopole tower located at 170 Ingham Hill Road, Old Saybrook, CT. The property is owned by Carol J & Robert A Lorenz and the tower is owned by Crown Castle. Verizon now intends to add two (2) interference mitigation filters at the 132ft 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 Connecticut Siting Council, Docket No. 51 on September 26, 1985.

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 Carl Fortuna, First Selectman, Town of Old Saybrook, Christina M Costa, Town Planner, CZEO, Town of Old Saybrook. Lorenz Carol J & Robert A are the property owner and Crown Castle is the tower.

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,

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

Attachments
cc:

Carl Fortuna, First Selectman
Town of Old Saybrook
302 Main Street
Old Saybrook, CT 06475
860-395-3123

Christina M Costa, Town Planner, CZEO
Town of Old Saybrook
302 Main Street
Old Saybrook, CT 06475
860-395-3131

Lorenz Carol J & Robert A
PO BOX 351
Center Ossipee NH, 03814-0351

Crown Castle, Tower Owner & Landowner

DOCKET NO. 51

AN APPLICATION SUBMITTED BY THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE, AND OPERATION OF FACILITIES TO PROVIDE CELLULAR SERVICE IN HARTFORD AND MIDDLESEX COUNTIES.	:	CONNECTICUT SITING COUNCIL
	:	September 26, 1985

D E C I S I O N A N D O R D E R

Pursuant to the foregoing opinion, the Council hereby directs that a certificate of environmental compatibility and public need as required by section 16-50k of the General Statutes of Connecticut be issued to Southern New England Telephone Company (SNET) for the construction, operation, and maintenance of a telecommunications tower and associated equipment building to provide cellular service at sites in Old Saybrook and Enfield, Connecticut.

The facilities shall be constructed, operated, and maintained as specified in this matter, and subject to the following conditions:

1. The towers shall be no taller than necessary to provide the proposed service, and in no event shall exceed
   a) 150' at the Old Saybrook site; and
   b) 150' at the Enfield site;
2. A fence not lower than eight feet shall surround each tower and its associated equipment building;
3. The applicant or its successor shall notify the Council if and when directional antennas or any other equipment is added to any of these facilities;
4. The applicant or its sucessor shall permit, in accordance with representations made by it during the proceeding, public or private entities to share space on the facilities, for due

consideration received, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing;

5. The facilities shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations;
6. The applicant shall submit a development and management plan (D&M) for the Old Saybrook site pursuant to sections 16-50j-75 through 16-50j-77 of the regulations of state agencies, except that irrelevant items in section 16-50j-76 need only be identified as such. The D&M plan shall include erosion control measures, reseeding plans, and tree removal plans. The applicant shall comply with the reporting requirements of section 16-50j-77 for both sites;
7. Construction activities shall take place during daylight working hours;
8. This decision and order shall be void and the towers and associated equipment approved herein shall be dismantled and removed, or reapplication for any new use shall be made to the Connecticut Siting Council before any such new use is made, if the towers do not provide or permanently cease to provide cellular service following completion of construction;
9. This decision and order shall be void if all construction authorized is not completed within three years of the issuance of this decision.

Pursuant to section 16-50p of the General Statutes, we hereby direct that a copy of the opinion and decision and order be served on each person listed below. A notice of the issuance shall be published in the

Hartford Courant, the Middletown Press, and the Old Saybrook Pictorial.

The parties to this proceeding are

Southern New England Telephone Company (Applicant)
227 Church Street
New Haven, Connecticut 06506
Attn: Peter J. Tyrrell
Senior Attorney
Room 314

C E R T I F I C A T I O N

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut, this 26th day of September, 1985.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Yes
Commissioner John Downey Designee: Commissioner Peter G. Boucher	Absent
Commissioner Stanley Pac Designee: Christopher Cooper	Yes
Owen L. Clark	Yes
Mortimer A. Gelston	Yes
James G. Horsfall	Yes
Pamela B. Katz	Yes
William H. Smith	Yes
Colin C. Tait	Absent

STATE OF CONNECTICUT)
: ss. New Britain, September 26, 1985
COUNTY OF HARTFORD)

I hereby certify that the foregoing is a true and correct copy of the decision and order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

Christopher S. Wood, Executive Director
Connecticut Siting Council

170 INGHAM HILL RD

Location	170 INGHAM HILL RD	**MBLU**	051/ 033/ / /
Acct#	00559800	**Owner**	LORENZ CAROL J & ROBERT A
Assessment	$231,100	**Appraisal**	$380,900
PID	3322	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2023	$248,000	$132,900	$380,900
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2023	$173,600	$57,500	$231,100

Owner of Record

Owner	LORENZ CAROL J & ROBERT A	**Sale Price**	$0
Co-Owner		**Certificate**	
Address	P O BOX 351 CENTER OSSIPEE N H, NH 03814-0351	**Book & Page**	0211/0890
		Sale Date	03/15/1984

Ownership History

Ownership History
No Data for Ownership History

Building Information

Building 1 : Section 1

Year Built: 1959
Living Area: 1,383

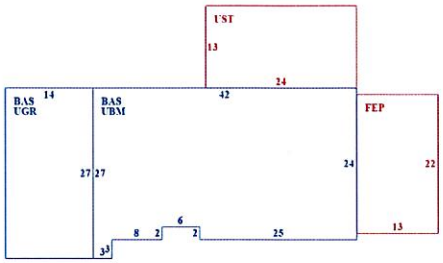
Building Attributes	
Field	**Description**
Style:	Ranch
Model	Residential
Grade:	Average
Stories:	1 Story
Occupancy	1
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	
Roof Structure:	Gable/Hip
Roof Cover	Asph/F Gls/Cmp
Interior Wall 1	Plastered
Interior Wall 2	
Interior Flr 1	Vinyl/Asphalt
Interior Flr 2	
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	3 Bedrooms

Building Photo

(https://images.vgsi.com/photos/OldSaybrookCTPhotos/\00\01\97\10.jpg)

Total Bthrms:	1
Total Half Baths:	1
Total Xtra Fixtrs:	
Total Rooms:	6 Rooms
Bath Style:	Average
Kitchen Style:	Modern
Num Kitchens	01
Cndtn	
Num Park	
Fireplaces	
Fndtn Cndtn	
Basement	
Usrfld 706	

Building Layout



(ParcelSketch.ashx?pid=3322&bid=3322)

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1,383	1,383
FEP	Porch, Enclosed,Framed	286	0
UBM	Basement, Unfinished	1,005	0
UGR	Garage, Unfinished	378	0
UST	Utility, Storage, Unfinished	312	0
		3,364	1,383

Extra Features

Extra Features				Legend
Code	Description	Size	Value	Bldg #
FPL1	FIREPLACE 1 ST	1.00 UNITS	$2,300	1

Land

Land Use

Use Code	1010
Description	Single Family
Zone	AA-1
Neighborhood	0065

Land Line Valuation

Size (Acres)	11.8
Depth	0
Assessed Value	$57,500
Appraised Value	$132,900

Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2023	$248,000	$132,900	$380,900
2022	$163,400	$139,800	$303,200
2021	$163,400	$139,800	$303,200

Assessment			
Valuation Year	Improvements	Land	Total
2023	$173,600	$57,500	$231,100
2022	$114,400	$62,300	$176,700
2021	$114,400	$62,300	$176,700

Google Maps 170 Ingham Hill Rd

Map data ©2024 Google 200 ft

170 Ingham Hill Rd

Building

Directions Save Nearby Send to phone Copy link

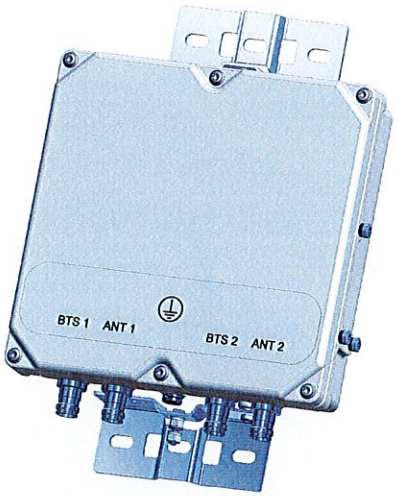
170 Ingham Hill Rd, Old Saybrook, CT 06475

Photos

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

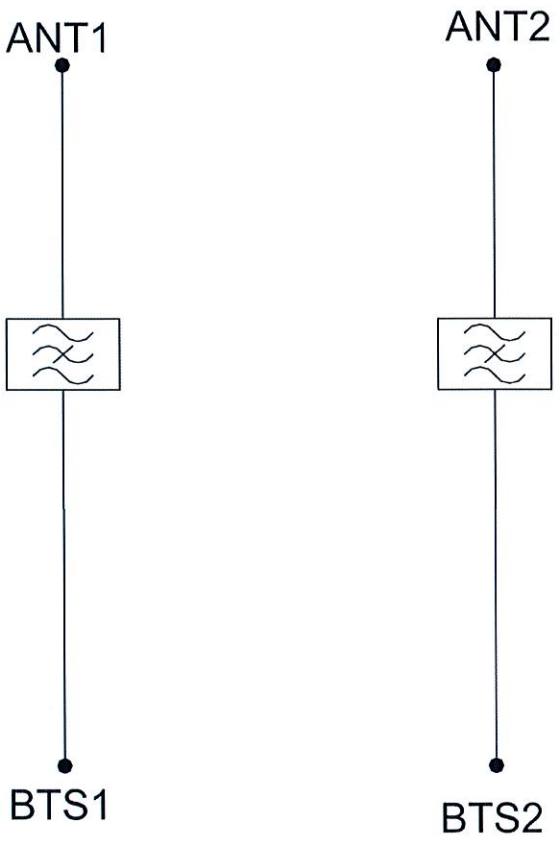
MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter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

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

ORDERING INFORMATION

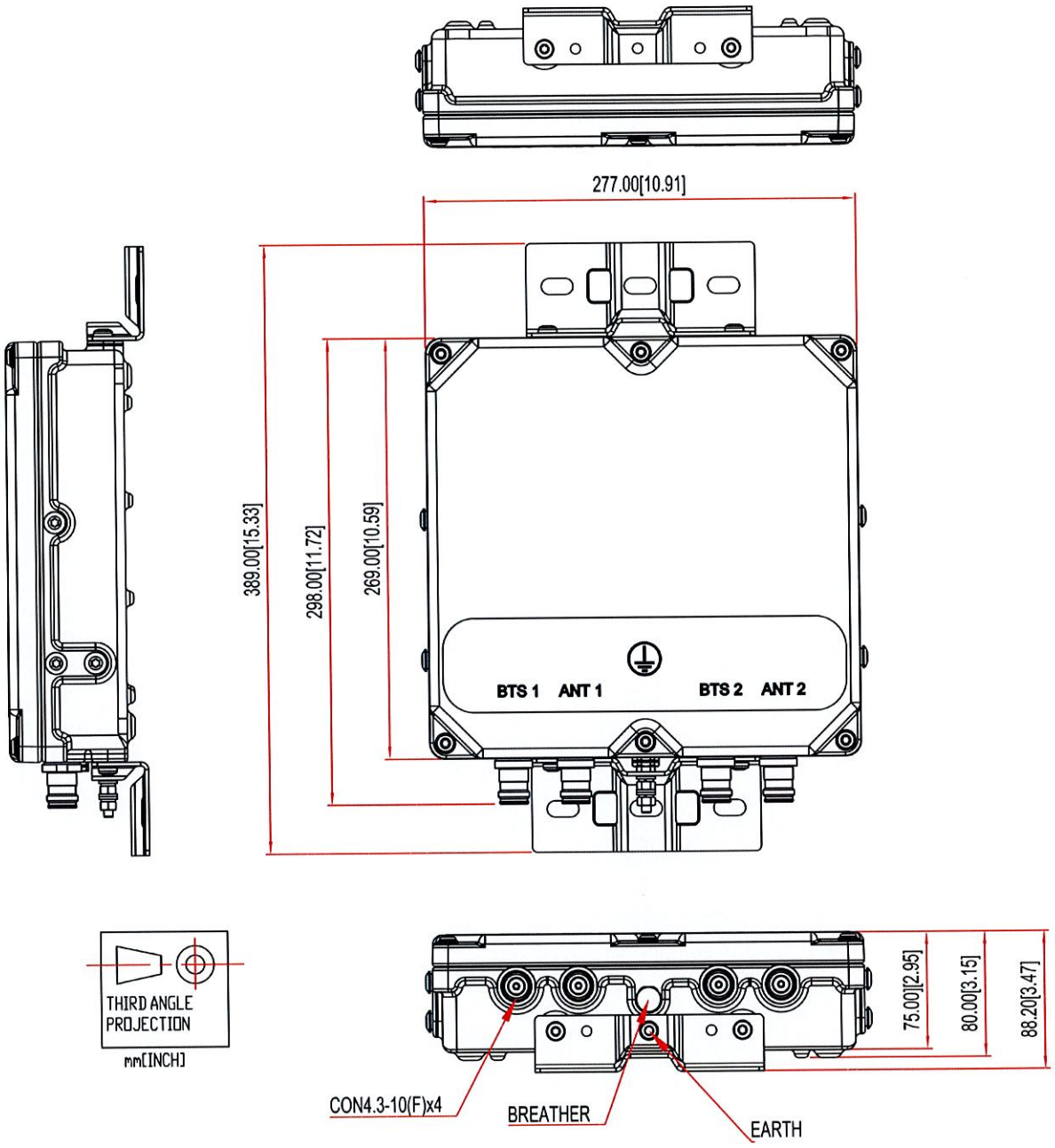
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Friday, April 5, 2024 1:50 PM
To: Barbadora, Jeff
Subject: FedEx Shipment 775825705460: Your package has been delivered

Hi. Your package was delivered Fri, 04/05/2024 at 1:43pm.

Delivered to 302 MAIN STREET, OLD SAYBROOK, CT 06475
Received by S.NERI

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775825705460
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Old Saybrook Carl Fortuna, First Selectman 302 Main Street OLD SAYBROOK, CT, US, 06475
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Thu 4/04/2024 05:12 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	OLD SAYBROOK, CT, US, 06475
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: Friday, April 5, 2024 1:51 PM
To: Barbadora, Jeff
Subject: FedEx Shipment 775825732410: Your package has been delivered

FedEx®

Hi. Your package was delivered Fri, 04/05/2024 at 1:44pm.

Delivered to 302 MAIN STREET, OLD SAYBROOK, CT 06475

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775825732410
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Old Saybrook Christina Costa, Town Planner, CZEO 302 Main Street OLD SAYBROOK, CT, US, 06475
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Thu 4/04/2024 05:12 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	OLD SAYBROOK, CT, US, 06475
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

USPS Tracking®

FAQs >

Track Packages Anytime, Anywhere

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:

EI959761032US

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 9:53 am on April 5, 2024 in CENTER OSSIPEE, NH 03814. Waiver of signature was exercised at time of delivery.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, PO Box

CENTER OSSIPEE, NH 03814
April 5, 2024, 9:53 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 #: 10209644
Colliers Engineering & Design CT. P.C. Project #: 23777279

September 11, 2023

Site Information	*Site ID:*	*5000245392-VZW / OLD SAYBROOK CT*
	Site Name:	*OLD SAYBROOK CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*170 Ingham Hill Rd.* *Old Saybrook, Connecticut 06475* *Middlesex County*
	Latitude:	*41.309818°*
	Longitude:	*-72.396749°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*13.67-Ft Platform*

FUZE ID # 17136774

Analysis Results

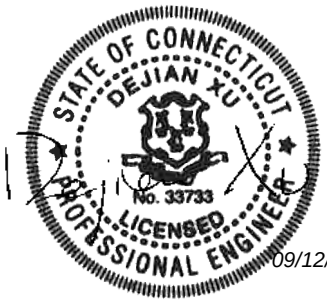
Platform: **78.5% Pass***

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

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com

For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Andy Hanes



09/12/2023

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: 324615, dated July 21, 2021*
Mount Mapping Report	*Hudson Design Group, LLC, Site ID: 468078, August 17, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777996A, dated September 7, 2021*
Previous Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 21777996A, dated September 7, 2021*
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}:	130 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:	0.991
Seismic Parameters:	S_S:	0.202 g
	S_1:	0.053 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
131.00	133.00	2	KAelus	KA-6030	Added
		3	Antel	BXA-80080/4CF	Retained
		4	Commscope	JAHH-65B-R3B	
		2	Commscope	JAHH-45B-R3B	
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		3	Commscope	CBC78T-DS-43-2X	
		1	Raycap	RVZDC-6627-PF-48	

The recent mount mapping did not report existing OVP units. However, it is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required.

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to 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
Connection Check	29.7 %	Pass
Standoff Horizontal	34.6 %	Pass
Standoff Plate	34.6 %	Pass
Face Horizontal	18.1 %	Pass
Cross Bracing	78.5 %	Pass
Grating Support	32.3 %	Pass
Antenna Pipe	54.4 %	Pass
Support Rail	22.7 %	Pass
Support Rail Corner	43.3 %	Pass
Kicker	14.9 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**78.5%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	28.9	28.9	45.5	45.5
0.5	38.1	38.1	61.6	61.6
1	46.3	46.3	76.7	76.7

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 mount modification was installed per the Mount Modification Drawings by Maser Consulting Connecticut, Project # 21777996A, dated September 7, 2021. Contact EOR immediately if there are any deviations from the drawings. Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams. Gamma sector only.

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 #: 5000245392 SMART Project #: 10209644 Fuze Project ID: 17136774

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 mount modification was installed per the Mount Modification Drawings by Maser Consulting Connecticut, Project # 21777996A, dated September 7, 2021. Contact EOR immediately if there are any deviations from the drawings. Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

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: 5000245392-VZW - OLD SAYBROOK CT

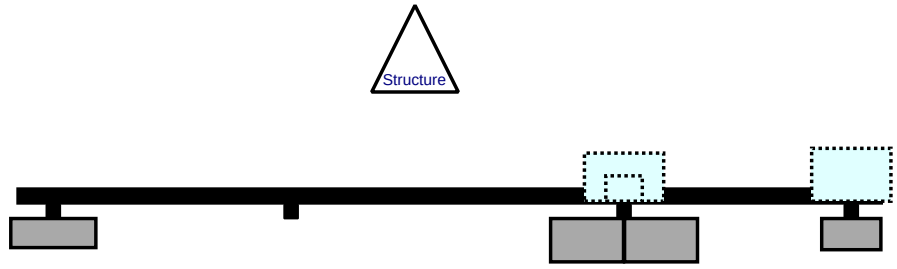
Sector: **A** 9/11/2023

Structure Type: Monopole 10209644

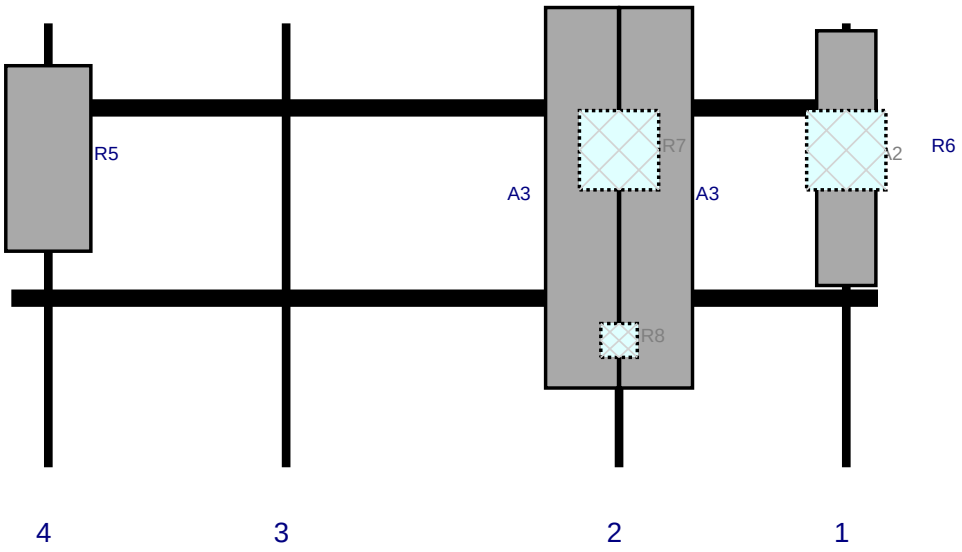
Mount Elev: 131.00 Page: 1

Colliers Engineering & Design

Plan View

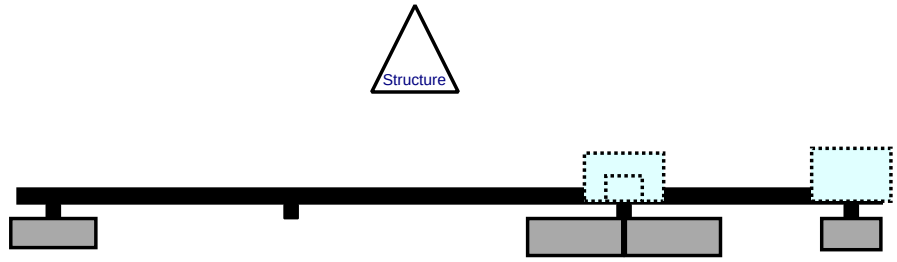


Front View - Looking at Structure

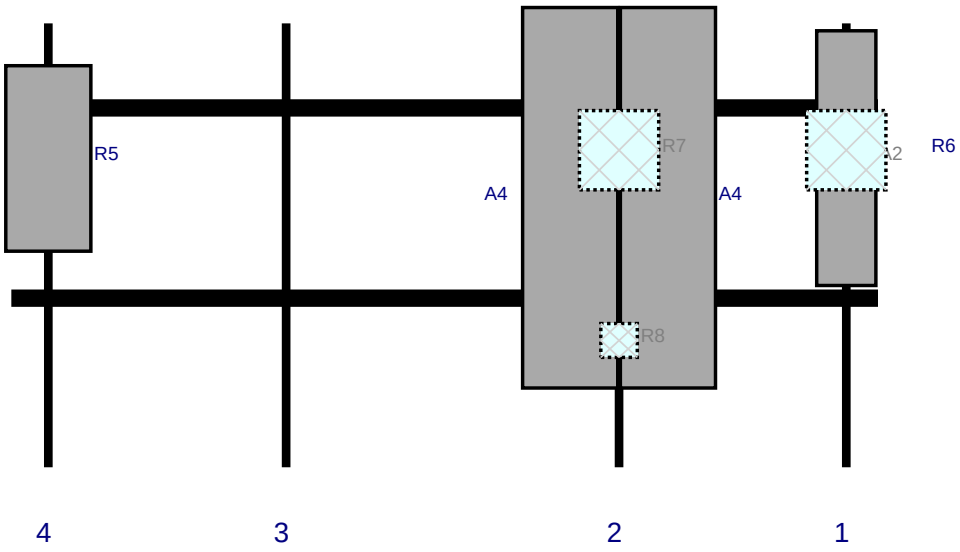


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	BXA-80080/4CF	48.2	11.2	158	1	a	Front	25.5	0	Retained	08/17/2021
R6	RF4439d-25A	15	15	158	1	a	Behind	24	0	Retained	
A3	JAHH-65B-R3B	72	13.8	115	2	a	Front	33	7	Retained	
A3	JAHH-65B-R3B	72	13.8	115	2	b	Front	33	-7	Retained	
R7	RF4440d-13A	15	15	115	2	a	Behind	24	0	Retained	
R8	CBC78T-DS-43-2X	6.4	6.9	115	2	a	Behind	60	0	Retained	
R5	MT6407-77A	35.1	16.1	7	4	a	Front	25.56	0	Retained	
OVP	RVZDC-6627-PF-48	29.5	16.5		Member					Retained	

Plan View

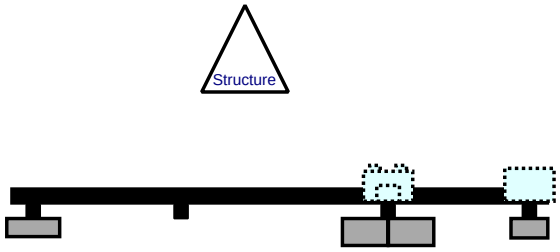


Front View - Looking at Structure

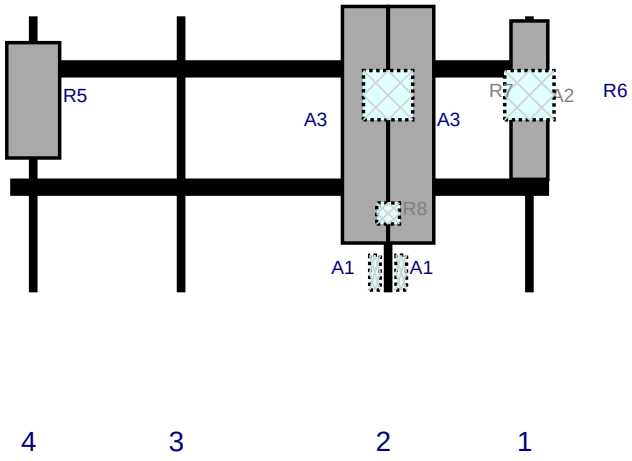


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	BXA-80080/4CF	48.2	11.2	158	1	a	Front	25.5	0	Retained	08/17/2021
R6	RF4439d-25A	15	15	158	1	a	Behind	24	0	Retained	
A4	JAHH-45B-R3B	72	18	115	2	a	Front	33	9.25	Retained	
A4	JAHH-45B-R3B	72	18	115	2	b	Front	33	-9.25	Retained	
R7	RF4440d-13A	15	15	115	2	a	Behind	24	0	Retained	
R8	CBC78T-DS-43-2X	6.4	6.9	115	2	a	Behind	60	0	Retained	
R5	MT6407-77A	35.1	16.1	7	4	a	Front	25.56	0	Retained	

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	BXA-80080/4CF	48.2	11.2	158	1	a	Front	25.5	0	Retained	08/17/2021
R6	RF4439d-25A	15	15	158	1	a	Behind	24	0	Retained	
A3	JAHH-65B-R3B	72	13.8	115	2	a	Front	33	7	Retained	
A3	JAHH-65B-R3B	72	13.8	115	2	b	Front	33	-7	Retained	
A1	KA-6030	10.6	3.2	115	2	a	Behind	78	4	Added	
A1	KA-6030	10.6	3.2	115	2	b	Behind	78	-4	Added	
R7	RF4440d-13A	15	15	115	2	a	Behind	24	0	Retained	
R8	CBC78T-DS-43-2X	6.4	6.9	115	2	a	Behind	60	0	Retained	
R5	MT6407-77A	35.1	16.1	7	4	a	Front	25.56	0	Retained	

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	AT&T	**Mapping Date:**	8/17/2021
Site Name:	OLD SAYBROOK CT	**Tower Type:**	Monopole
Site Number or ID:	468078	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSONDESIGNGROUPLLC.COM	**Mount Elevation (Ft.):**	131

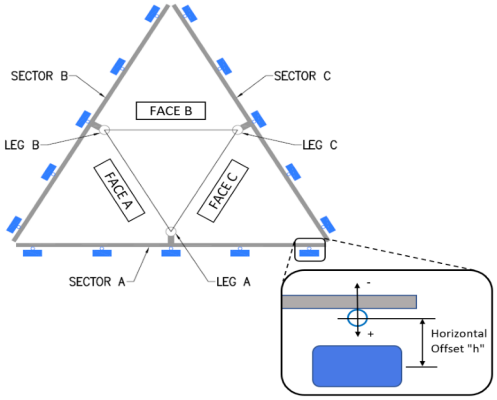
Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.

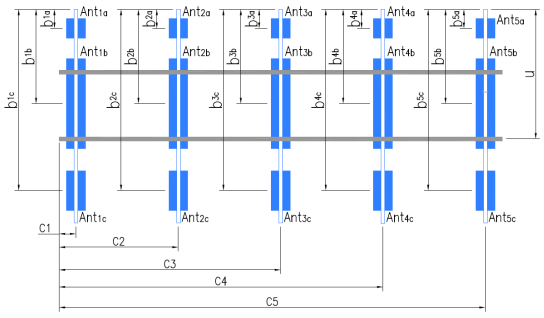
Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 84" LONG	52.00	7.00	C1	2" STD. PIPE X 84" LONG	52.00	7.00
A2	2" STD. PIPE X 96" LONG	64.00	49.00	C2	2" STD. PIPE X 96" LONG	56.00	49.00
A3	2" STD. PIPE X 84" LONG	52.00	113.00	C3	2" STD. PIPE X 84" LONG	52.00	113.00
A4	2" STD. PIPE X 84" LONG	52.00	153.00	C4	2" STD. PIPE X 84" LONG	52.00	153.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 84" LONG	52.00	7.00	D1			
B2	2" STD. PIPE X 96" LONG	64.00	49.00	D2			
B3	2" STD. PIPE X 84" LONG	52.00	113.00	D3			
B4	2" STD. PIPE X 84" LONG	52.00	153.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	5
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	
Please enter additional infomation or comments below.	

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	17.5
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.375





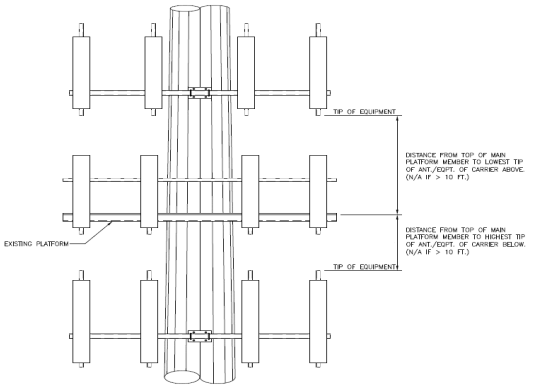
Antenna Layout (Looking Out From Tower)

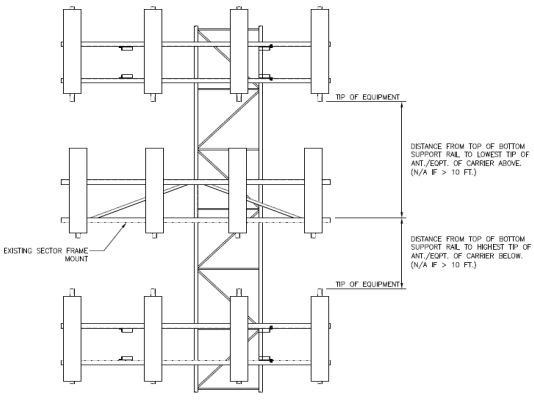
Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	BXA-80080-4CF-EDIN	8.00	6.00	48.00		133.333	24.00	11.50	30.00	41,77
Ant_{1c}										
Ant_{2a}	B4 RRH2X60-4R					134.417	23.00	-7.00		36,80
Ant_{2b}	HBXX-6517DS-A2M	18.00	7.00	75.00		132.5	46.00	10.00	30.00	42,80
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	LNX-6514DS-A1M	12.00	8.00	73.00		132.75	31.00	8.00	30.00	43,81
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-8BF-EDIN	6.00	4.00	48.00		133.333	24.00	7.50	30.00	44,82
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:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

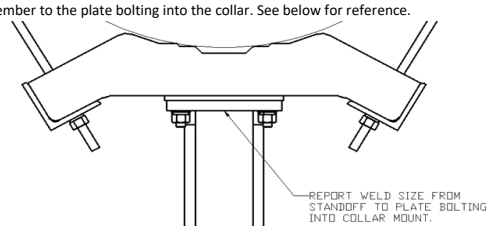
Climbing Facility Information		
Location:	Deg	N/A
Climbing Facility	Corrosion Type:	N/A
	Access:	N/A
	Condition:	Missing climbing members.

Please insert a photo of the mount centerline measurement here.





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



Sector B										
Ant_{1a}										
Ant_{1b}	BXA-80080-4CF-EDIN	8.00	6.00	48.00		133.333	24.00	11.50	150.00	54,79
Ant_{1c}										
Ant_{2a}	B4 RRH2X60-4R					134.417	23.00	-7.00		48,80
Ant_{2b}	HBXX-6517DS-A2M	18.00	7.00	75.00		132.5	46.00	10.00	160.00	55,80
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	LNX-6514DS-A1M	12.00	8.00	73.00		132.75	31.00	8.00	160.00	56,81
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-8BF-EDIN	6.00	4.00	48.00		133.333	24.00	7.50	150.00	57,82
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}	BXA-80080-4CF-EDIN	8.00	6.00	48.00		133.333	24.00	11.50	270.00	32,82
Ant_{1c}										
Ant_{2a}	B4 RRH2X60-4R					133.75	23.00	-7.00		190
Ant_{2b}	HBXX-6517DS-A2M	18.00	7.00	75.00		131.833	46.00	10.00	270.00	33
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	LNX-6514DS-A1M	12.00	8.00	73.00		132.75	31.00	8.00	280.00	34
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	BXA-171085-8BF-EDIN	6.00	4.00	48.00		133.333	24.00	7.50	270.00	35
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		
2		
3		
4		
5		
6		
7		
8		

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

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

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

Antenna Mount Mapping Form (PATENT PENDING)

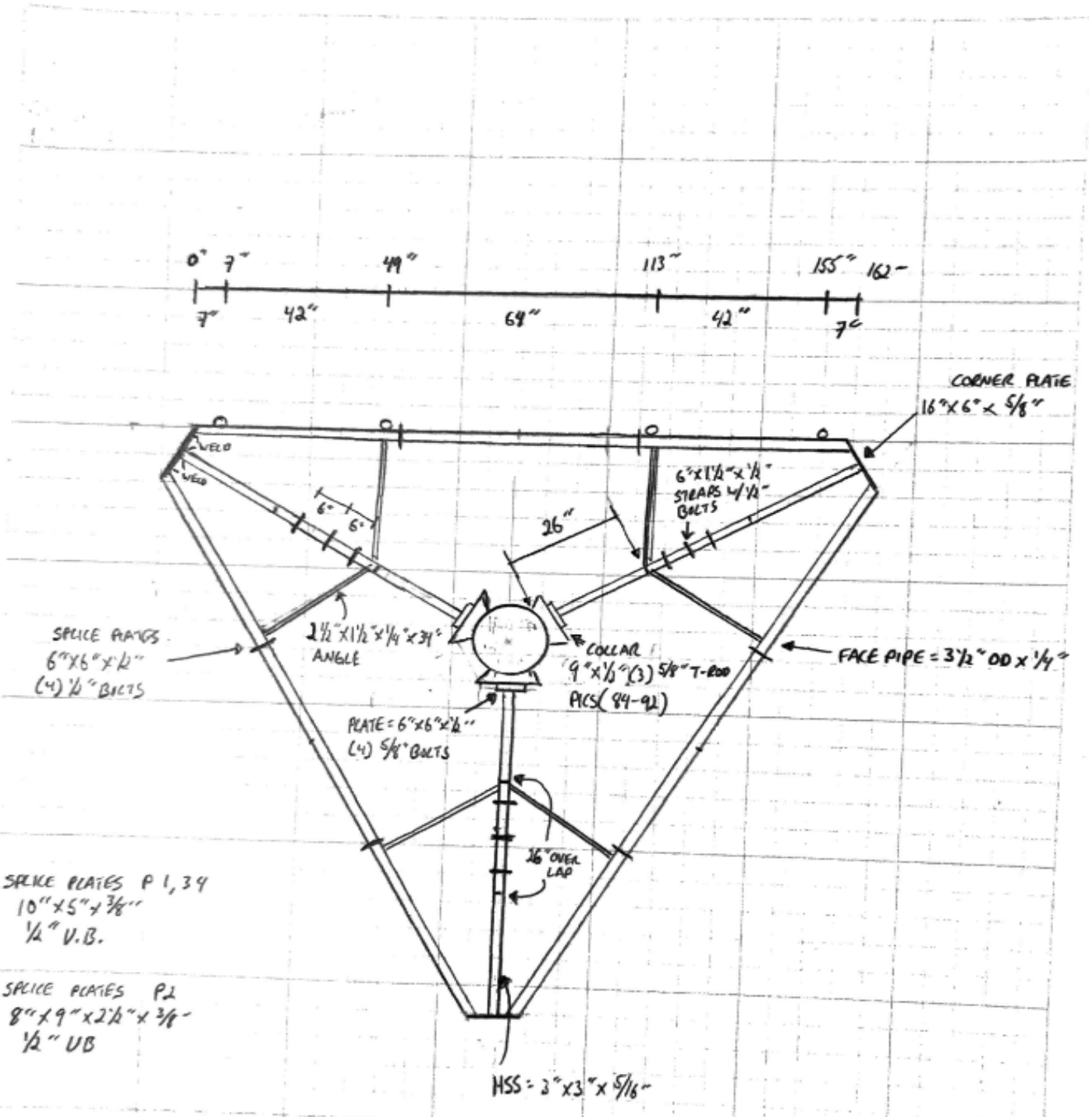
FCC #

Tower Owner:	AT&T	**Mapping Date:**	8/17/2021
Site Name:	OLD SAYBROOK CT	**Tower Type:**	Monopole
Site Number or ID:	468078	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSONDESIGNGROUPLLC.COM	**Mount Elevation (Ft.):**	131

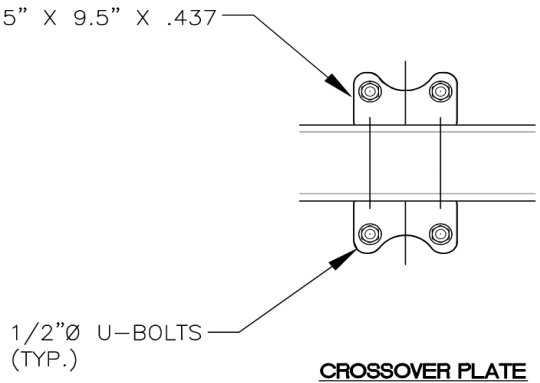
Please Insert Sketches of the Antenna Mount

DATE: 08/17/2021
Project Name: COLLIERS
Project No.: OLD SAYBROOK
Design By: [illegible] Chk'd By:
Page 2 of 2

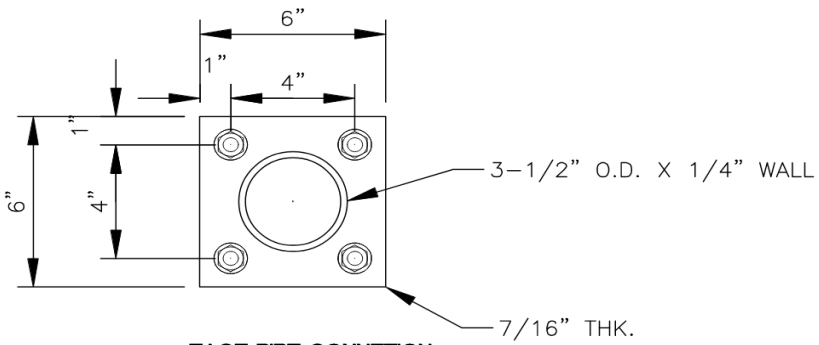
HUDSON Design Group LLC



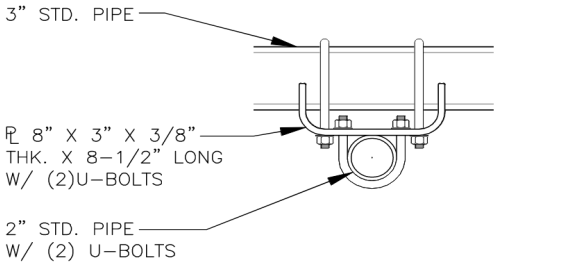
Please Insert Sketches of the Antenna Mount, cont'd



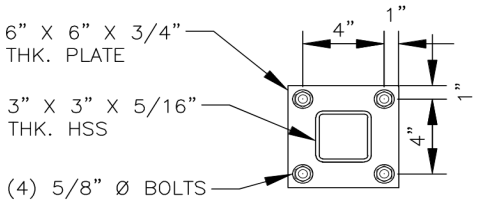
CROSSOVER PLATE DETAIL



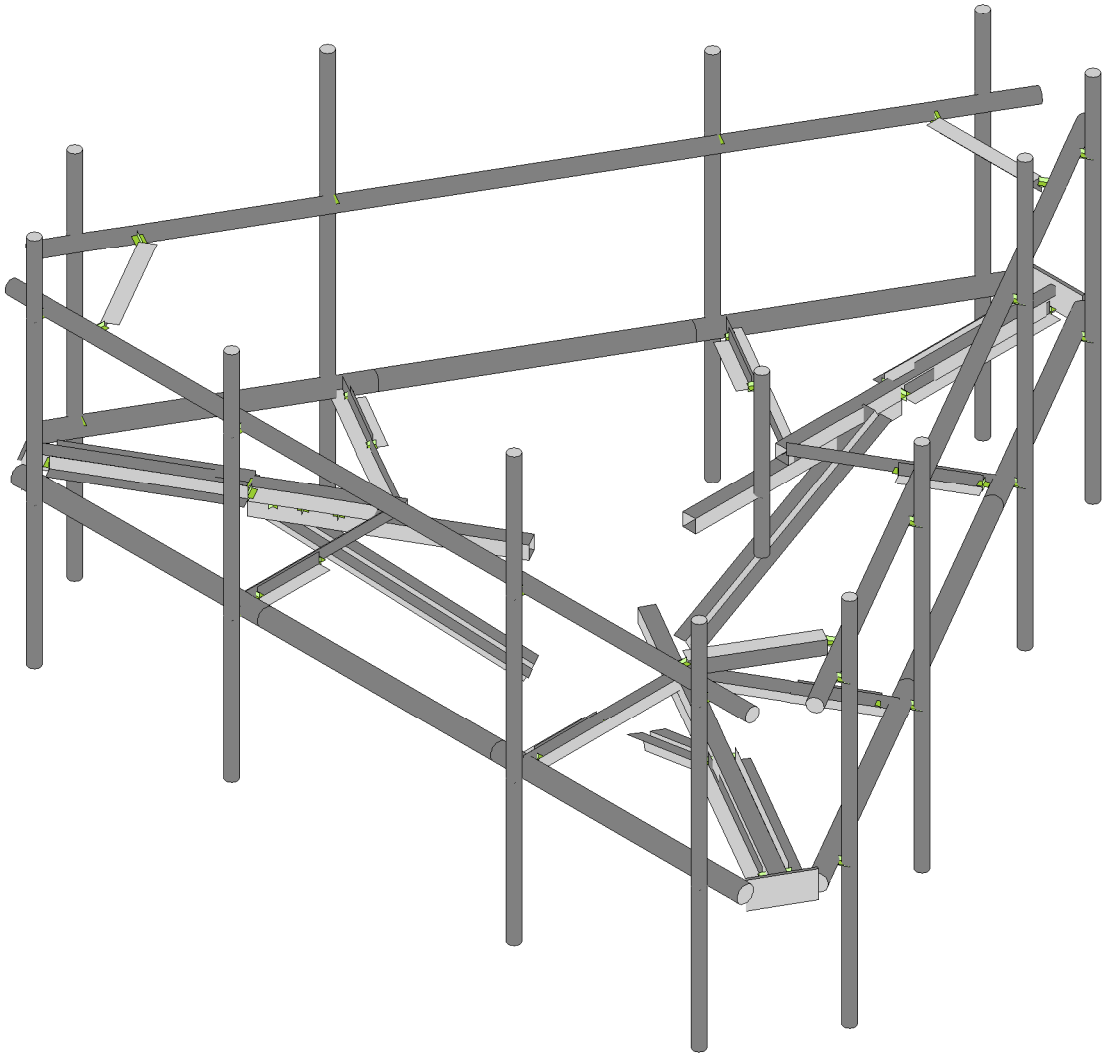
FACE PIPE CONNETION DETAIL



ANTENNA PIPE MAST MOUNT CONNECTION

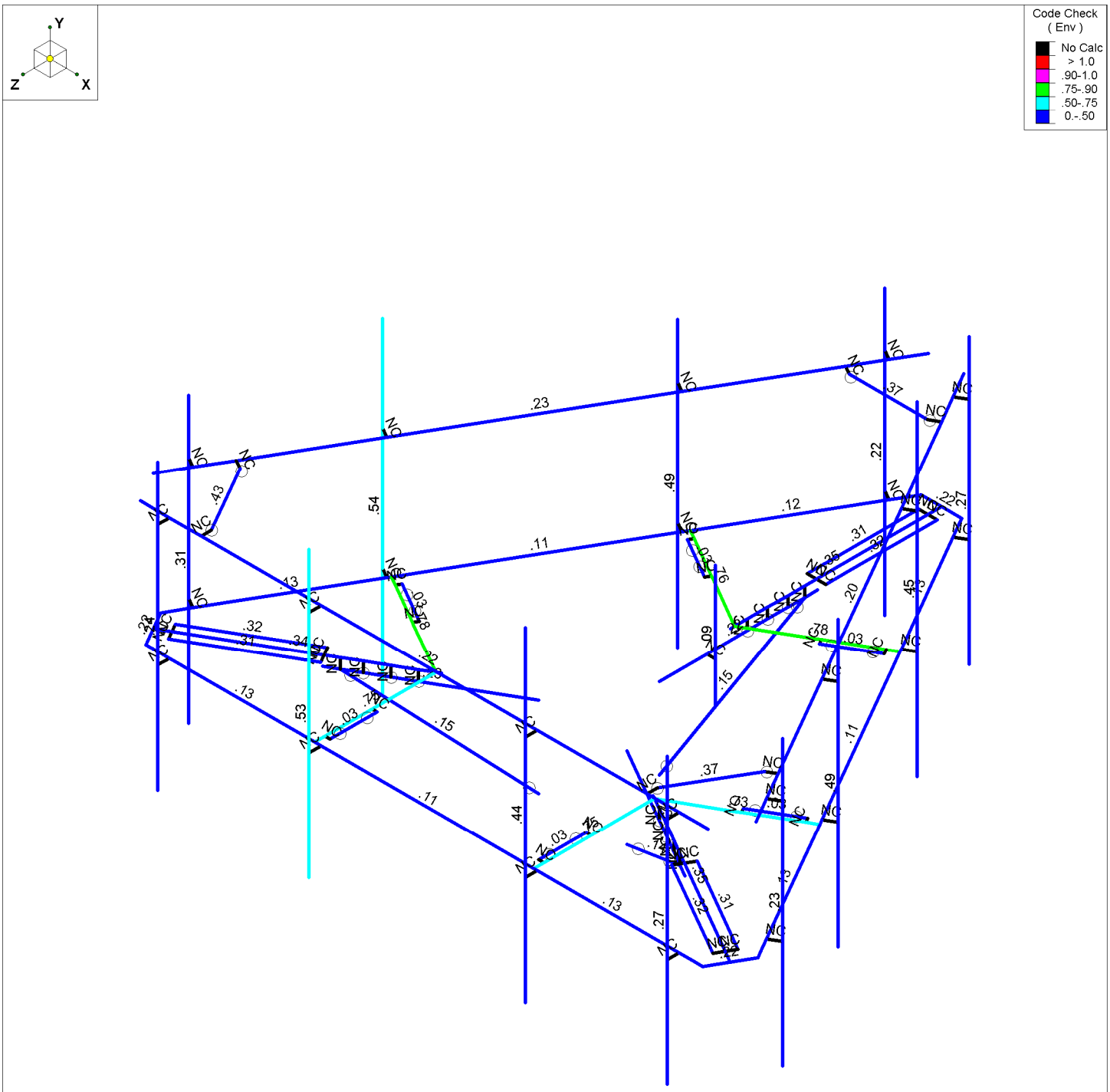


STANDOFF TO RING MOUNT CONNECTION



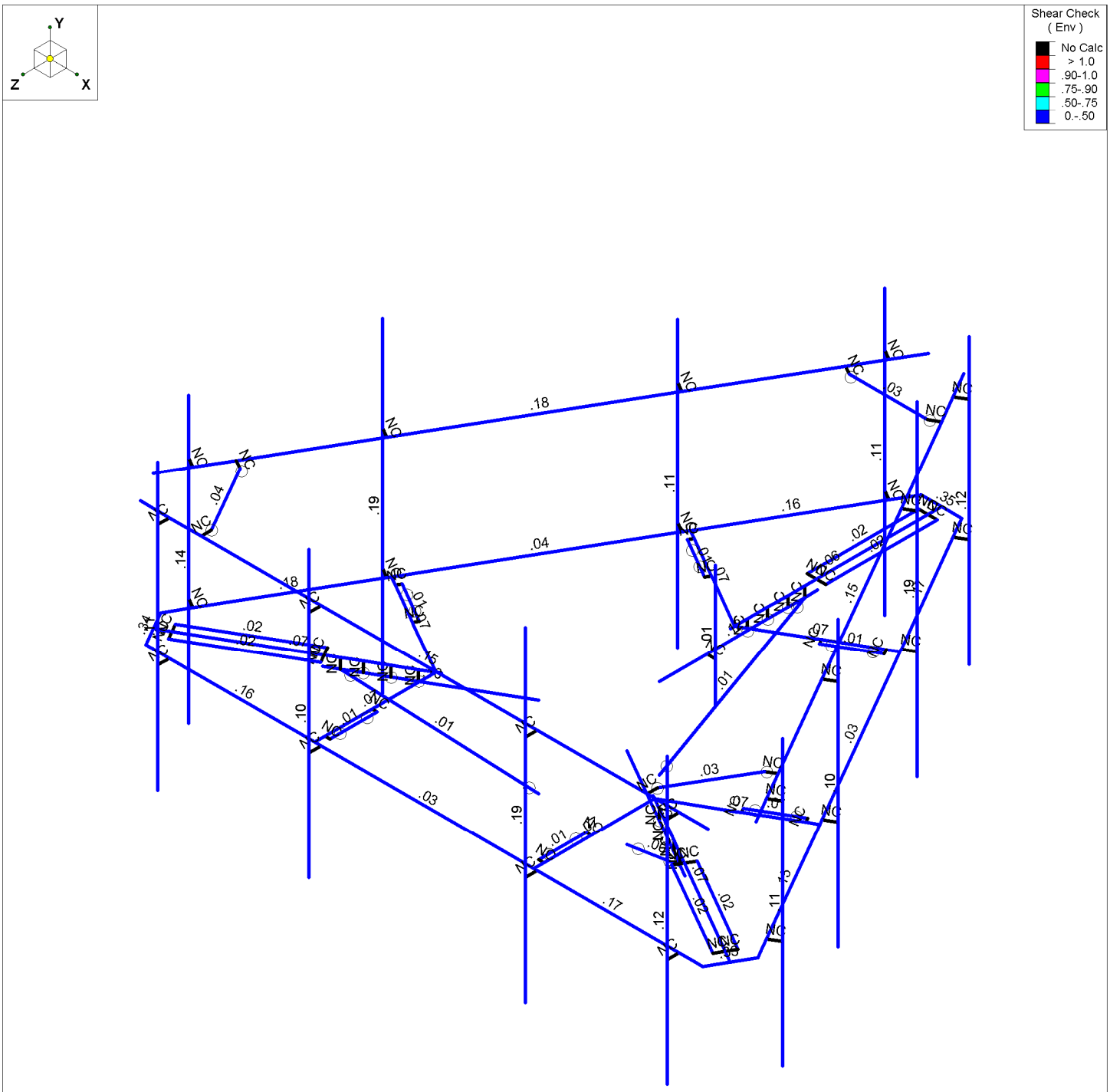
Envelope Only Solution

		SK - 1
		Sept 11, 2023 at 6:58 PM
		5000245392-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		Sept 11, 2023 at 6:58 PM
		5000245392-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Sept 11, 2023 at 6:58 PM
		5000245392-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					114			
2	Antenna Di	None					114			
3	Antenna Wo (0 Deg)	None					114			
4	Antenna Wo (30 Deg)	None					114			
5	Antenna Wo (60 Deg)	None					114			
6	Antenna Wo (90 Deg)	None					114			
7	Antenna Wo (120 Deg)	None					114			
8	Antenna Wo (150 Deg)	None					114			
9	Antenna Wo (180 Deg)	None					114			
10	Antenna Wo (210 Deg)	None					114			
11	Antenna Wo (240 Deg)	None					114			
12	Antenna Wo (270 Deg)	None					114			
13	Antenna Wo (300 Deg)	None					114			
14	Antenna Wo (330 Deg)	None					114			
15	Antenna Wi (0 Deg)	None					114			
16	Antenna Wi (30 Deg)	None					114			
17	Antenna Wi (60 Deg)	None					114			
18	Antenna Wi (90 Deg)	None					114			
19	Antenna Wi (120 Deg)	None					114			
20	Antenna Wi (150 Deg)	None					114			
21	Antenna Wi (180 Deg)	None					114			
22	Antenna Wi (210 Deg)	None					114			
23	Antenna Wi (240 Deg)	None					114			
24	Antenna Wi (270 Deg)	None					114			
25	Antenna Wi (300 Deg)	None					114			
26	Antenna Wi (330 Deg)	None					114			
27	Antenna Wm (0 Deg)	None					114			
28	Antenna Wm (30 Deg)	None					114			
29	Antenna Wm (60 Deg)	None					114			
30	Antenna Wm (90 Deg)	None					114			
31	Antenna Wm (120 Deg)	None					114			
32	Antenna Wm (150 Deg)	None					114			
33	Antenna Wm (180 Deg)	None					114			
34	Antenna Wm (210 Deg)	None					114			
35	Antenna Wm (240 Deg)	None					114			
36	Antenna Wm (270 Deg)	None					114			
37	Antenna Wm (300 Deg)	None					114			
38	Antenna Wm (330 Deg)	None					114			
39	Structure D	None		-1					15	
40	Structure Di	None						58	15	
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 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		
57	Structure Wi (120 De...	None						116		
58	Structure Wi (150 De...	None						116		
59	Structure Wi (180 De...	None						116		
60	Structure Wi (210 De...	None						116		
61	Structure Wi (240 De...	None						116		
62	Structure Wi (270 De...	None						116		
63	Structure Wi (300 De...	None						116		
64	Structure Wi (330 De...	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 De...	None						116		
67	Structure Wm (60 De...	None						116		
68	Structure Wm (90 De...	None						116		
69	Structure Wm (120 D...	None						116		
70	Structure Wm (150 D...	None						116		
71	Structure Wm (180 D...	None						116		
72	Structure Wm (210 D...	None						116		
73	Structure Wm (240 D...	None						116		
74	Structure Wm (270 D...	None						116		
75	Structure Wm (300 D...	None						116		
76	Structure Wm (330 D...	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					114			
82	Antenna Eh (0 Deg)	None					76			
83	Antenna Eh (90 Deg)	None					76			
84	Structure Ev	ELY							15	
85	Structure Eh (0 Deg)	ELZ			-.03				15	
86	Structure Eh (90 Deg)	ELX	.03						15	
87	BLC 39 Transient Are...	None						148		
88	BLC 40 Transient Are...	None						148		
89	BLC 84 Transient Are...	None								
90	BLC 85 Transient Are...	None						190		
91	BLC 86 Transient Are...	None						190		

Load Combinations

	Description	Sol...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 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 (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										

Load Combinations (Continued)

	Description	Sol...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 D..	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 D..	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 D..	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 D..	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 D..	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 D..	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 D..	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 D..	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 D..	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 D..	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 D..	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 D..	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 D..	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 D..	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 D..	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 D..	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 (0 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				

Load Combinations (Continued)

	Description	Sol...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N2	-0.	0	-1.255758	0	
3	N3	-0.	0	-5.162008	0	
4	N4	-0.	.25	-3.010833	0	
5	N5	-0.	.25	-8.21875	0	
6	N6	-0.	.25	-3.4275	0	
7	N7	-0.	.25	-3.9275	0	
8	N8	-0.	.25	-4.4275	0	
9	N9	-0.	0	-3.4275	0	
10	N10	-0.	0	-3.9275	0	
11	N11	-0.	0	-4.4275	0	
12	N12	-0.	.25	-3.115	0	
13	N16	-.5	.25	-8.21875	0	
14	N17	.5	.25	-8.21875	0	
15	N20	-2.607458	.25	1.505417	0	
16	N21	-7.117646	.25	4.109375	0	
17	N22	-2.968302	.25	1.71375	0	
18	N23	-3.401315	.25	1.96375	0	
19	N24	-3.834327	.25	2.21375	0	
20	N25	-2.968302	0	1.71375	0	
21	N26	-3.401315	0	1.96375	0	
22	N27	-3.834327	0	2.21375	0	
23	N28	-2.697669	.25	1.5575	0	
24	N31	-6.867646	.25	4.542388	0	
25	N32	-7.367646	.25	3.676362	0	
26	N36	2.607458	.25	1.505417	0	
27	N37	7.117646	.25	4.109375	0	
28	N38	2.968302	.25	1.71375	0	
29	N39	3.401315	.25	1.96375	0	
30	N40	3.834327	.25	2.21375	0	
31	N41	2.968302	0	1.71375	0	
32	N42	3.401315	0	1.96375	0	
33	N43	3.834327	0	2.21375	0	
34	N44	2.697669	.25	1.5575	0	
35	N45	7.367646	.25	3.676362	0	
36	N46	6.867646	.25	4.542388	0	
37	N47A	5.034313	.25	-0.36509	0	
38	N48A	-2.833333	.25	-4.177298	0	
39	N49	-2.20098	.25	4.542388	0	
40	N50	2.833313	.25	-4.177333	0	
41	N51	-5.034333	.25	-0.365054	0	
42	N52	2.20102	.25	4.542388	0	
43	N53	2.70102	.25	4.542388	0	
44	N55	2.583313	.25	-4.610346	0	
45	N57	-5.284333	.25	0.067958	0	
46	N57A	-2.583313	.25	-4.610346	0	
47	N58	-2.70102	.25	4.542388	0	
48	N60	5.284333	.25	0.067958	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N59	2.70102	.25	3.042388	0	
50	N60A	-2.70102	.25	3.042388	0	
51	N61	-0.	.25	-5.135833	0	
52	N62	-0.	.25	-7.885833	0	
53	N63	-0.229167	.25	-5.135833	0	
54	N64	-0.229167	.25	-7.885833	0	
55	N65	0.229167	.25	-5.135833	0	
56	N66	0.229167	.25	-7.885833	0	
57	N67	4.811237	.25	3.042388	0	
58	N69	-4.447762	.25	2.567917	0	
59	N70	-6.829332	.25	3.942917	0	
60	N71	-4.333179	.25	2.766381	0	
61	N72	-6.714749	.25	4.141381	0	
62	N73	-4.562345	.25	2.369453	0	
63	N74	-6.943915	.25	3.744453	0	
64	N76	4.447762	.25	2.567917	0	
65	N77	6.829332	.25	3.942917	0	
66	N78	4.562345	.25	2.369453	0	
67	N79	6.943915	.25	3.744453	0	
68	N80	4.333179	.25	2.766381	0	
69	N81	6.714749	.25	4.141381	0	
70	N80A	6.714749	.25	4.542388	0	
71	N81A	1.284275	.25	-3.860346	0	
72	N82	0.229167	.25	-5.687847	0	
73	N84	0.576449	.25	-8.086337	0	
74	N85	-3.985295	.25	0.817958	0	
75	N86	-5.040403	.25	2.645459	0	
76	N88	-7.291197	.25	3.543949	0	
77	N89	-1.284275	.25	-3.860346	0	
78	N90	-0.229167	.25	-5.687847	0	
79	N91	-0.576449	.25	-8.086337	0	
80	N92	-4.811237	.25	3.042388	0	
81	N93	-6.714749	.25	4.542388	0	
82	N95	3.985295	.25	0.817958	0	
83	N96	5.040403	.25	2.645459	0	
84	N97	7.291197	.25	3.543949	0	
85	N113A	-6.284313	.25	4.542388	0	
86	N115	-2.549021	.25	4.542388	0	
87	N119	-6.284313	.25	4.834054	0	
88	N121	-2.549021	.25	4.834054	0	
89	N125	2.784312	.25	4.542388	0	
90	N127	2.784312	.25	4.834054	0	
91	N129	6.284313	.25	4.542388	0	
92	N131	6.284313	.25	4.834054	0	
93	N133	-6.284313	4.583333	4.834054	0	
94	N134	-2.549021	4.583333	4.834054	0	
95	N136	2.784312	5.583333	4.834054	0	
96	N137	6.284313	4.583333	4.834054	0	
97	N138	-6.284313	-2.416667	4.834054	0	
98	N139	-2.549021	-2.416667	4.834054	0	
99	N141	2.784312	-2.416667	4.834054	0	
100	N142	6.284313	-2.416667	4.834054	0	
101	N203B	-2.69943	.25	3.125722	0	
102	N204B	-2.70074	.25	4.292388	0	
103	N205	2.69943	.25	3.125722	0	
104	N206A	2.70074	.25	4.292388	0	
105	N207A	2.57443	.25	3.125722	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N208	2.57574	.25	4.292388	0	
107	N211	-2.57443	.25	3.125722	0	
108	N212	-2.57574	.25	4.292388	0	
109	N211A	4.05667	.25	0.774914	0	
110	N212A	5.067687	.25	0.192715	0	
111	N213	1.35724	.25	-3.900636	0	
112	N214	2.366947	.25	-4.485103	0	
113	N215	1.41974	.25	-3.792383	0	
114	N216	2.429447	.25	-4.37685	0	
115	N217	3.99417	.25	0.666661	0	
116	N218	5.005187	.25	0.084462	0	
117	N219	-1.35724	.25	-3.900636	0	
118	N220	-2.366947	.25	-4.485103	0	
119	N221	-4.05667	.25	0.774914	0	
120	N222	-5.067687	.25	0.192715	0	
121	N223	-3.99417	.25	0.666661	0	
122	N224	-5.005187	.25	0.084462	0	
123	N225	-1.41974	.25	-3.792383	0	
124	N226	-2.429447	.25	-4.37685	0	
125	N169A	-1.087519	0	0.627879	0	
126	N170A	-4.47043	0	2.581004	0	
127	N171A	1.087519	0	0.627879	0	
128	N172A	4.47043	0	2.581004	0	
129	N129A	7.07598	.25	3.171181	0	
130	N130	5.208334	.25	-0.063677	0	
131	N131A	7.32857	.25	3.025347	0	
132	N132	5.460925	.25	-0.20951	0	
133	N133A	2.541667	.25	-4.682479	0	
134	N134A	2.794258	.25	-4.828312	0	
135	N135	0.791667	.25	-7.713568	0	
136	N136A	1.044257	.25	-7.859402	0	
137	N137A	7.32857	4.583333	3.025347	0	
138	N138A	5.460925	4.583333	-0.20951	0	
139	N139A	2.794258	5.583333	-4.828312	0	
140	N140	1.044257	4.583333	-7.859402	0	
141	N141A	7.32857	-2.416667	3.025347	0	
142	N142A	5.460925	-2.416667	-0.20951	0	
143	N143	2.794258	-2.416667	-4.828312	0	
144	N144	1.044257	-2.416667	-7.859402	0	
145	N145	-0.791667	.25	-7.713569	0	
146	N146	-2.659312	.25	-4.478711	0	
147	N147	-1.044257	.25	-7.859402	0	
148	N148	-2.911903	.25	-4.624544	0	
149	N149	-5.325979	.25	0.140091	0	
150	N150	-5.57857	.25	-0.005742	0	
151	N151	-7.07598	.25	3.171181	0	
152	N152	-7.32857	.25	3.025347	0	
153	N153	-1.044257	4.583333	-7.859402	0	
154	N154	-2.911903	4.583333	-4.624544	0	
155	N155	-5.57857	5.583333	-0.005742	0	
156	N156	-7.32857	4.583333	3.025347	0	
157	N157	-1.044257	-2.416667	-7.859402	0	
158	N158	-2.911903	-2.416667	-4.624544	0	
159	N159	-5.57857	-2.416667	-0.005742	0	
160	N160	-7.32857	-2.416667	3.025347	0	
161	N161	-0.	0	-2.4275	0	
162	N162	0.208333	0	-2.4275	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N163	0.208333	2	-2.4275	0	
164	N164	0.208333	-1	-2.4275	0	
165	N165	-6.99998	3.25	4.542388	0	
166	N166	6.99998	3.25	4.542388	0	
167	N167	-6.284313	3.25	4.542388	0	
168	N168	-2.549021	3.25	4.542388	0	
169	N169	-6.284313	3.25	4.834054	0	
170	N170	-2.549021	3.25	4.834054	0	
171	N171	2.784312	3.25	4.542388	0	
172	N172	2.784312	3.25	4.834054	0	
173	N173	6.284313	3.25	4.542388	0	
174	N174	6.284313	3.25	4.834054	0	
175	N175	-5.49998	3.25	4.542388	0	
176	N176	-5.49998	3.25	4.292388	0	
177	N177	5.49998	3.25	4.542388	0	
178	N178	5.49998	3.25	4.292388	0	
179	N179	7.433813	3.25	3.790966	0	
180	N180	0.433833	3.25	-8.333354	0	
181	N181	7.07598	3.25	3.171181	0	
182	N182	5.208334	3.25	-0.063677	0	
183	N183	7.32857	3.25	3.025347	0	
184	N184	5.460925	3.25	-0.20951	0	
185	N185	2.541667	3.25	-4.682479	0	
186	N186	2.794258	3.25	-4.828312	0	
187	N187	0.791667	3.25	-7.713568	0	
188	N188	1.044257	3.25	-7.859402	0	
189	N189	6.683813	3.25	2.491928	0	
190	N190	6.467307	3.25	2.616928	0	
191	N191	1.183833	3.25	-7.034316	0	
192	N192	0.967327	3.25	-6.909316	0	
193	N193	-0.433833	3.25	-8.333354	0	
194	N194	-7.433813	3.25	3.790966	0	
195	N195	-0.791667	3.25	-7.713569	0	
196	N196	-2.659312	3.25	-4.478711	0	
197	N197	-1.044257	3.25	-7.859402	0	
198	N198	-2.911903	3.25	-4.624544	0	
199	N199	-5.325979	3.25	0.140091	0	
200	N200	-5.57857	3.25	-0.005742	0	
201	N201	-7.07598	3.25	3.171181	0	
202	N202	-7.32857	3.25	3.025347	0	
203	N203	-1.183833	3.25	-7.034316	0	
204	N204	-0.967327	3.25	-6.909316	0	
205	N205A	-6.683813	3.25	2.491928	0	
206	N206	-6.467307	3.25	2.616928	0	
207	N207	-0.	.25	-4.844167	0	
208	N208A	-0.	0	-4.844167	0	
209	N209	-0.	-2	-1.255758	0	
210	N210	-4.195171	.25	2.422083	0	
211	N211B	-4.195171	0	2.422083	0	
212	N212B	-1.087519	-2	0.627879	0	
213	N213A	4.195171	.25	2.422083	0	
214	N214A	4.195171	0	2.422083	0	
215	N215A	1.087519	-2	0.627879	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE_2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff Horizontal	HSS3X3X5	Beam	SquareTube	A500 Gr. B 46	Typical	2.94	3.45	3.45	5.94
3	Standoff Plate	PL5/8X6	Beam	RECT	A36 Gr.36	Typical	3.75	.122	11.25	.456
4	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr. B	Typical	2.07	2.85	2.85	5.69
5	Cross Bracing	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
6	Grating Support	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
7	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
8	Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
9	Kicker	LL3x3x3x3	Column	Double Angle (3/...	A36 Gr.36	Typical	2.18	4.09	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N8	N11			RIGID	None	None	RIGID	Typical
2	M2	N7	N10			RIGID	None	None	RIGID	Typical
3	M3	N6	N9			RIGID	None	None	RIGID	Typical
4	M4	N2	N3			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
5	M5	N4	N5			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
6	M7A	N24	N27		60	RIGID	None	None	RIGID	Typical
7	M8	N23	N26		60	RIGID	None	None	RIGID	Typical
8	M9	N22	N25		60	RIGID	None	None	RIGID	Typical
9	M11	N20	N21			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
10	M13	N40	N43		30	RIGID	None	None	RIGID	Typical
11	M14	N39	N42		30	RIGID	None	None	RIGID	Typical
12	M15	N38	N41		30	RIGID	None	None	RIGID	Typical
13	M17	N36	N37			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
14	M18	N46	N45			Standoff Plate	Beam	RECT	A36 Gr.36	Typical
15	M19	N45	N47A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
16	M20	N16	N48A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
17	M21	N31	N49			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
18	M22	N47A	N50			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
19	M23	N48A	N51			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
20	M24	N49	N52			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
21	M25	N50	N17			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
22	M26	N51	N32			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
23	M27	N52	N46			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
24	M28	N44	N53		270	Cross Bracing	Beam	Single Angle	A36 Gr.36	Typical
25	M29	N12	N55		270	Cross Bracing	Beam	Single Angle	A36 Gr.36	Typical
26	M30	N28	N57		270	Cross Bracing	Beam	Single Angle	A36 Gr.36	Typical
27	M31	N57A	N12		270	Cross Bracing	Beam	Single Angle	A36 Gr.36	Typical
28	M32	N58	N28		270	Cross Bracing	Beam	Single Angle	A36 Gr.36	Typical
29	M33	N60	N44		270	Cross Bracing	Beam	Single Angle	A36 Gr.36	Typical
30	M34	N65	N61			RIGID	None	None	RIGID	Typical
31	M35	N66	N62			RIGID	None	None	RIGID	Typical
32	M36	N64	N62			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
33	M37	N63	N61			RIGID	None	None	RIGID	Typical
34	M38	N64	N63			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
35	M39	N66	N65		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
36	M40	N73	N69			RIGID	None	None	RIGID	Typical
37	M41	N74	N70			RIGID	None	None	RIGID	Typical
38	M42	N72	N70			RIGID	None	None	RIGID	Typical
39	M43	N71	N69			RIGID	None	None	RIGID	Typical
40	M44	N72	N71			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M45	N74	N73		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M46	N80	N76			RIGID	None	None	RIGID	Typical
43	M47	N81	N77			RIGID	None	None	RIGID	Typical
44	M48	N79	N77			RIGID	None	None	RIGID	Typical
45	M49	N78	N76			RIGID	None	None	RIGID	Typical
46	M50	N79	N78			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
47	M51	N81	N80		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
48	M77	N113A	N119			RIGID	None	None	RIGID	Typical
49	M79	N115	N121			RIGID	None	None	RIGID	Typical
50	M83	N125	N127			RIGID	None	None	RIGID	Typical
51	M85	N129	N131			RIGID	None	None	RIGID	Typical
52	MP4A	N133	N138			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
53	MP3A	N134	N139			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
54	MP2A	N136	N141			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
55	MP1A	N137	N142			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
56	M122A	N17	N16			Standoff Plate	Beam	RECT	A36 Gr.36	Typical
57	M123A	N32	N31			Standoff Plate	Beam	RECT	A36 Gr.36	Typical
58	M124	N205	N207A			RIGID	None	None	RIGID	Typical
59	M125	N206A	N208			RIGID	None	None	RIGID	Typical
60	M128	N208	N207A		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
61	M127	N203B	N211			RIGID	None	None	RIGID	Typical
62	M128A	N204B	N212			RIGID	None	None	RIGID	Typical
63	M129	N211	N212		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
64	M136	N213	N215			RIGID	None	None	RIGID	Typical
65	M137	N214	N216			RIGID	None	None	RIGID	Typical
66	M138	N216	N215		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
67	M139	N211A	N217			RIGID	None	None	RIGID	Typical
68	M140	N212A	N218			RIGID	None	None	RIGID	Typical
69	M141	N217	N218		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
70	M148	N221	N223			RIGID	None	None	RIGID	Typical
71	M149	N222	N224			RIGID	None	None	RIGID	Typical
72	M150	N224	N223		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
73	M151	N219	N225			RIGID	None	None	RIGID	Typical
74	M152	N220	N226			RIGID	None	None	RIGID	Typical
75	M153	N225	N226		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
76	M98A	N169A	N170A			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
77	M99	N171A	N172A			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
78	M78	N129A	N131A			RIGID	None	None	RIGID	Typical
79	M79A	N130	N132			RIGID	None	None	RIGID	Typical
80	M80	N133A	N134A			RIGID	None	None	RIGID	Typical
81	M81	N135	N136A			RIGID	None	None	RIGID	Typical
82	MP4C	N137A	N141A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
83	MP3C	N138A	N142A			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
84	MP2C	N139A	N143			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
85	MP1C	N140	N144			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
86	M86	N145	N147			RIGID	None	None	RIGID	Typical
87	M87	N146	N148			RIGID	None	None	RIGID	Typical
88	M88	N149	N150			RIGID	None	None	RIGID	Typical
89	M89	N151	N152			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
90	MP4B	N153	N157			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
91	MP3B	N154	N158			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
92	MP2B	N155	N159			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
93	MP1B	N156	N160			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
94	M94	N161	N162			RIGID	None	None	RIGID	Typical
95	OVP	N163	N164			Antenna Pipe	Column	Pipe	A53 Gr. B	Typical
96	M96	N167	N169			RIGID	None	None	RIGID	Typical
97	M97	N168	N170			RIGID	None	None	RIGID	Typical
98	M98	N171	N172			RIGID	None	None	RIGID	Typical
99	M99A	N173	N174			RIGID	None	None	RIGID	Typical
100	M100	N165	N166			Support Rail	Beam	Pipe	A53 Gr. B	Typical
101	M101	N175	N176			RIGID	None	None	RIGID	Typical
102	M102	N177	N178			RIGID	None	None	RIGID	Typical
103	M103	N181	N183			RIGID	None	None	RIGID	Typical
104	M104	N182	N184			RIGID	None	None	RIGID	Typical
105	M105	N185	N186			RIGID	None	None	RIGID	Typical
106	M106	N187	N188			RIGID	None	None	RIGID	Typical
107	M107	N179	N180			Support Rail	Beam	Pipe	A53 Gr. B	Typical
108	M108	N189	N190			RIGID	None	None	RIGID	Typical
109	M109	N191	N192			RIGID	None	None	RIGID	Typical
110	M110	N195	N197			RIGID	None	None	RIGID	Typical
111	M111	N196	N198			RIGID	None	None	RIGID	Typical
112	M112	N199	N200			RIGID	None	None	RIGID	Typical
113	M113	N201	N202			RIGID	None	None	RIGID	Typical
114	M114	N193	N194			Support Rail	Beam	Pipe	A53 Gr. B	Typical
115	M115	N203	N204			RIGID	None	None	RIGID	Typical
116	M116	N205A	N206			RIGID	None	None	RIGID	Typical
117	M117	N176	N206		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
118	M118	N204	N192		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
119	M119	N190	N178		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
120	M120	N207	N208A		90	RIGID	None	None	RIGID	Typical
121	M121	N208A	N209			Kicker	Column	Double Angle (...	A36 Gr.36	Typical
122	M122	N210	N211B		90	RIGID	None	None	RIGID	Typical
123	M123	N211B	N212B			Kicker	Column	Double Angle (...	A36 Gr.36	Typical
124	M124A	N213A	N214A		90	RIGID	None	None	RIGID	Typical
125	M125A	N214A	N215A			Kicker	Column	Double Angle (...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1	BenPIN					Yes	** NA **			None
2	M2	BenPIN					Yes	** NA **			None
3	M3	BenPIN					Yes	** NA **			None
4	M4						Yes				None
5	M5						Yes				None
6	M7A	BenPIN					Yes	** NA **			None
7	M8	BenPIN					Yes	** NA **			None
8	M9	BenPIN					Yes	** NA **			None
9	M11						Yes	Default			None
10	M13	BenPIN					Yes	** NA **			None
11	M14	BenPIN					Yes	** NA **			None
12	M15	BenPIN					Yes	** NA **			None
13	M17						Yes				None
14	M18						Yes				None
15	M19						Yes				None
16	M20						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
17	M21						Yes				None
18	M22						Yes				None
19	M23						Yes				None
20	M24						Yes				None
21	M25						Yes				None
22	M26						Yes				None
23	M27						Yes				None
24	M28						Yes				None
25	M29						Yes				None
26	M30						Yes				None
27	M31						Yes				None
28	M32						Yes				None
29	M33						Yes				None
30	M34						Yes	** NA **			None
31	M35						Yes	** NA **			None
32	M36						Yes	** NA **			None
33	M37						Yes	** NA **			None
34	M38						Yes				None
35	M39						Yes				None
36	M40						Yes	** NA **			None
37	M41						Yes	** NA **			None
38	M42						Yes	** NA **			None
39	M43						Yes	** NA **			None
40	M44						Yes				None
41	M45						Yes				None
42	M46						Yes	** NA **			None
43	M47						Yes	** NA **			None
44	M48						Yes	** NA **			None
45	M49						Yes	** NA **			None
46	M50						Yes				None
47	M51						Yes				None
48	M77						Yes	** NA **			None
49	M79						Yes	** NA **			None
50	M83						Yes	** NA **			None
51	M85						Yes	** NA **			None
52	MP4A						Yes	** NA **			None
53	MP3A						Yes	** NA **			None
54	MP2A						Yes	** NA **			None
55	MP1A						Yes	** NA **			None
56	M122A						Yes				None
57	M123A						Yes				None
58	M124						Yes	** NA **			None
59	M125						Yes	** NA **			None
60	M128	BenPIN	BenPIN				Yes				None
61	M127						Yes	** NA **			None
62	M128A						Yes	** NA **			None
63	M129	BenPIN	BenPIN				Yes				None
64	M136						Yes	** NA **			None
65	M137						Yes	** NA **			None
66	M138	BenPIN	BenPIN				Yes				None
67	M139						Yes	** NA **			None
68	M140						Yes	** NA **			None
69	M141	BenPIN	BenPIN				Yes				None
70	M148						Yes	** NA **			None
71	M149						Yes	** NA **			None
72	M150	BenPIN	BenPIN				Yes				None
73	M151						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...
74	M152						Yes	** NA **			None
75	M153	BenPIN	BenPIN				Yes				None
76	M98A						Yes				None
77	M99						Yes				None
78	M78						Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	MP4C						Yes	** NA **			None
83	MP3C						Yes	** NA **			None
84	MP2C						Yes	** NA **			None
85	MP1C						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	M88						Yes	** NA **			None
89	M89						Yes	** NA **			None
90	MP4B						Yes	** NA **			None
91	MP3B						Yes	** NA **			None
92	MP2B						Yes	** NA **			None
93	MP1B						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	OVP						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99A						Yes	** NA **			None
100	M100						Yes				None
101	M101	OOOOOX					Yes	** NA **			None
102	M102	OOOOOX					Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes				None
108	M108	OOOOOX					Yes	** NA **			None
109	M109	OOOOOX					Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes				None
115	M115	OOOOOX					Yes	** NA **			None
116	M116	OOOOOX					Yes	** NA **			None
117	M117						Yes				None
118	M118						Yes				None
119	M119						Yes				None
120	M120						Yes	** NA **			None
121	M121	BenPIN	BenPIN				Yes	** NA **			None
122	M122						Yes	** NA **			None
123	M123	BenPIN	BenPIN				Yes	** NA **			None
124	M124A						Yes	** NA **			None
125	M125A	BenPIN	BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	Y	-8.8	6
2	MP2C	My	-.002	6
3	MP2C	Mz	-.009	6
4	MP2C	Y	-8.8	7
5	MP2C	My	-.002	7
6	MP2C	Mz	-.009	7
7	MP2C	Y	-8.8	6
8	MP2C	My	-.007	6
9	MP2C	Mz	-.006	6
10	MP2C	Y	-8.8	7
11	MP2C	My	-.007	7
12	MP2C	Mz	-.006	7
13	MP1A	Y	-7.15	.25
14	MP1A	My	-.004	.25
15	MP1A	Mz	0	.25
16	MP1A	Y	-7.15	4
17	MP1A	My	-.004	4
18	MP1A	Mz	0	4
19	MP1B	Y	-7.15	.25
20	MP1B	My	.002	.25
21	MP1B	Mz	-.003	.25
22	MP1B	Y	-7.15	4
23	MP1B	My	.002	4
24	MP1B	Mz	-.003	4
25	MP1C	Y	-7.15	.25
26	MP1C	My	.002	.25
27	MP1C	Mz	.003	.25
28	MP1C	Y	-7.15	4
29	MP1C	My	.002	4
30	MP1C	Mz	.003	4
31	MP2A	Y	-31.65	.25
32	MP2A	My	-.016	.25
33	MP2A	Mz	.018	.25
34	MP2A	Y	-31.65	5.25
35	MP2A	My	-.016	5.25
36	MP2A	Mz	.018	5.25
37	MP2C	Y	-31.65	.25
38	MP2C	My	.024	.25
39	MP2C	Mz	.004	.25
40	MP2C	Y	-31.65	5.25
41	MP2C	My	.024	5.25
42	MP2C	Mz	.004	5.25
43	MP2A	Y	-31.65	.25
44	MP2A	My	-.016	.25
45	MP2A	Mz	-.018	.25
46	MP2A	Y	-31.65	5.25
47	MP2A	My	-.016	5.25
48	MP2A	Mz	-.018	5.25
49	MP2C	Y	-31.65	.25
50	MP2C	My	-.008	.25
51	MP2C	Mz	.023	.25
52	MP2C	Y	-31.65	5.25
53	MP2C	My	-.008	5.25
54	MP2C	Mz	.023	5.25
55	MP2B	Y	-45.75	.25
56	MP2B	My	-.016	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP2B	Mz	-.039	.25
58	MP2B	Y	-45.75	5.25
59	MP2B	My	-.016	5.25
60	MP2B	Mz	-.039	5.25
61	MP2B	Y	-45.75	.25
62	MP2B	My	.042	.25
63	MP2B	Mz	.001	.25
64	MP2B	Y	-45.75	5.25
65	MP2B	My	.042	5.25
66	MP2B	Mz	.001	5.25
67	MP4A	Y	-43.55	1.13
68	MP4A	My	-.022	1.13
69	MP4A	Mz	0	1.13
70	MP4A	Y	-43.55	3.13
71	MP4A	My	-.022	3.13
72	MP4A	Mz	0	3.13
73	MP4B	Y	-43.55	1.13
74	MP4B	My	.012	1.13
75	MP4B	Mz	-.018	1.13
76	MP4B	Y	-43.55	3.13
77	MP4B	My	.012	3.13
78	MP4B	Mz	-.018	3.13
79	MP4C	Y	-43.55	1.13
80	MP4C	My	.011	1.13
81	MP4C	Mz	.019	1.13
82	MP4C	Y	-43.55	3.13
83	MP4C	My	.011	3.13
84	MP4C	Mz	.019	3.13
85	MP1A	Y	-74.7	2
86	MP1A	My	.025	2
87	MP1A	Mz	0	2
88	MP1B	Y	-74.7	2
89	MP1B	My	-.012	2
90	MP1B	Mz	.022	2
91	MP1C	Y	-74.7	2
92	MP1C	My	-.012	2
93	MP1C	Mz	-.022	2
94	MP2A	Y	-70.3	2
95	MP2A	My	.023	2
96	MP2A	Mz	0	2
97	MP2B	Y	-70.3	2
98	MP2B	My	-.012	2
99	MP2B	Mz	.02	2
100	MP2C	Y	-70.3	2
101	MP2C	My	-.012	2
102	MP2C	Mz	-.02	2
103	MP2A	Y	-10.4	5
104	MP2A	My	.003	5
105	MP2A	Mz	0	5
106	MP2B	Y	-10.4	5
107	MP2B	My	-.002	5
108	MP2B	Mz	.003	5
109	MP2C	Y	-10.4	5
110	MP2C	My	-.002	5
111	MP2C	Mz	-.003	5
112	OVP	Y	-32	.75
113	OVP	My	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
114	OVP	Mz	0	.75

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	Y	-8.616	6
2	MP2C	My	-.002	6
3	MP2C	Mz	-.009	6
4	MP2C	Y	-8.616	7
5	MP2C	My	-.002	7
6	MP2C	Mz	-.009	7
7	MP2C	Y	-8.616	6
8	MP2C	My	-.007	6
9	MP2C	Mz	-.006	6
10	MP2C	Y	-8.616	7
11	MP2C	My	-.007	7
12	MP2C	Mz	-.006	7
13	MP1A	Y	-37.6	.25
14	MP1A	My	-.019	.25
15	MP1A	Mz	0	.25
16	MP1A	Y	-37.6	4
17	MP1A	My	-.019	4
18	MP1A	Mz	0	4
19	MP1B	Y	-37.6	.25
20	MP1B	My	.009	.25
21	MP1B	Mz	-.016	.25
22	MP1B	Y	-37.6	4
23	MP1B	My	.009	4
24	MP1B	Mz	-.016	4
25	MP1C	Y	-37.6	.25
26	MP1C	My	.009	.25
27	MP1C	Mz	.016	.25
28	MP1C	Y	-37.6	4
29	MP1C	My	.009	4
30	MP1C	Mz	.016	4
31	MP2A	Y	-69.538	.25
32	MP2A	My	-.035	.25
33	MP2A	Mz	.041	.25
34	MP2A	Y	-69.538	5.25
35	MP2A	My	-.035	5.25
36	MP2A	Mz	.041	5.25
37	MP2C	Y	-69.538	.25
38	MP2C	My	.053	.25
39	MP2C	Mz	.01	.25
40	MP2C	Y	-69.538	5.25
41	MP2C	My	.053	5.25
42	MP2C	Mz	.01	5.25
43	MP2A	Y	-69.538	.25
44	MP2A	My	-.035	.25
45	MP2A	Mz	-.041	.25
46	MP2A	Y	-69.538	5.25
47	MP2A	My	-.035	5.25
48	MP2A	Mz	-.041	5.25
49	MP2C	Y	-69.538	.25
50	MP2C	My	-.018	.25
51	MP2C	Mz	.05	.25
52	MP2C	Y	-69.538	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP2C	My	-.018	5.25
54	MP2C	Mz	.05	5.25
55	MP2B	Y	-78.252	.25
56	MP2B	My	-.027	.25
57	MP2B	Mz	-.067	.25
58	MP2B	Y	-78.252	5.25
59	MP2B	My	-.027	5.25
60	MP2B	Mz	-.067	5.25
61	MP2B	Y	-78.252	.25
62	MP2B	My	.072	.25
63	MP2B	Mz	.003	.25
64	MP2B	Y	-78.252	5.25
65	MP2B	My	.072	5.25
66	MP2B	Mz	.003	5.25
67	MP4A	Y	-35.401	1.13
68	MP4A	My	-.018	1.13
69	MP4A	Mz	0	1.13
70	MP4A	Y	-35.401	3.13
71	MP4A	My	-.018	3.13
72	MP4A	Mz	0	3.13
73	MP4B	Y	-35.401	1.13
74	MP4B	My	.01	1.13
75	MP4B	Mz	-.015	1.13
76	MP4B	Y	-35.401	3.13
77	MP4B	My	.01	3.13
78	MP4B	Mz	-.015	3.13
79	MP4C	Y	-35.401	1.13
80	MP4C	My	.009	1.13
81	MP4C	Mz	.015	1.13
82	MP4C	Y	-35.401	3.13
83	MP4C	My	.009	3.13
84	MP4C	Mz	.015	3.13
85	MP1A	Y	-44.629	2
86	MP1A	My	.015	2
87	MP1A	Mz	0	2
88	MP1B	Y	-44.629	2
89	MP1B	My	-.007	2
90	MP1B	Mz	.013	2
91	MP1C	Y	-44.629	2
92	MP1C	My	-.007	2
93	MP1C	Mz	-.013	2
94	MP2A	Y	-42.499	2
95	MP2A	My	.014	2
96	MP2A	Mz	0	2
97	MP2B	Y	-42.499	2
98	MP2B	My	-.007	2
99	MP2B	Mz	.012	2
100	MP2C	Y	-42.499	2
101	MP2C	My	-.007	2
102	MP2C	Mz	-.012	2
103	MP2A	Y	-10.668	5
104	MP2A	My	.004	5
105	MP2A	Mz	0	5
106	MP2B	Y	-10.668	5
107	MP2B	My	-.002	5
108	MP2B	Mz	.003	5
109	MP2C	Y	-10.668	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP2C	My	-.002	5
111	MP2C	Mz	-.003	5
112	OVP	Y	-87.398	.75
113	OVP	My	0	.75
114	OVP	Mz	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	6
2	MP2C	Z	-18.833	6
3	MP2C	Mx	.019	6
4	MP2C	X	0	7
5	MP2C	Z	-18.833	7
6	MP2C	Mx	.019	7
7	MP2C	X	0	6
8	MP2C	Z	-18.833	6
9	MP2C	Mx	.013	6
10	MP2C	X	0	7
11	MP2C	Z	-18.833	7
12	MP2C	Mx	.013	7
13	MP1A	X	0	.25
14	MP1A	Z	-93.957	.25
15	MP1A	Mx	0	.25
16	MP1A	X	0	4
17	MP1A	Z	-93.957	4
18	MP1A	Mx	0	4
19	MP1B	X	0	.25
20	MP1B	Z	-65.209	.25
21	MP1B	Mx	.028	.25
22	MP1B	X	0	4
23	MP1B	Z	-65.209	4
24	MP1B	Mx	.028	4
25	MP1C	X	0	.25
26	MP1C	Z	-65.209	.25
27	MP1C	Mx	-.028	.25
28	MP1C	X	0	4
29	MP1C	Z	-65.209	4
30	MP1C	Mx	-.028	4
31	MP2A	X	0	.25
32	MP2A	Z	-178.322	.25
33	MP2A	Mx	-.104	.25
34	MP2A	X	0	5.25
35	MP2A	Z	-178.322	5.25
36	MP2A	Mx	-.104	5.25
37	MP2C	X	0	.25
38	MP2C	Z	-132.42	.25
39	MP2C	Mx	-.019	.25
40	MP2C	X	0	5.25
41	MP2C	Z	-132.42	5.25
42	MP2C	Mx	-.019	5.25
43	MP2A	X	0	.25
44	MP2A	Z	-178.322	.25
45	MP2A	Mx	.104	.25
46	MP2A	X	0	5.25
47	MP2A	Z	-178.322	5.25
48	MP2A	Mx	.104	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP2C	X	0	.25
50	MP2C	Z	-132.42	.25
51	MP2C	Mx	-.096	.25
52	MP2C	X	0	5.25
53	MP2C	Z	-132.42	5.25
54	MP2C	Mx	-.096	5.25
55	MP2B	X	0	.25
56	MP2B	Z	-142.807	.25
57	MP2B	Mx	.122	.25
58	MP2B	X	0	5.25
59	MP2B	Z	-142.807	5.25
60	MP2B	Mx	.122	5.25
61	MP2B	X	0	.25
62	MP2B	Z	-142.807	.25
63	MP2B	Mx	-.005	.25
64	MP2B	X	0	5.25
65	MP2B	Z	-142.807	5.25
66	MP2B	Mx	-.005	5.25
67	MP4A	X	0	1.13
68	MP4A	Z	-76.731	1.13
69	MP4A	Mx	0	1.13
70	MP4A	X	0	3.13
71	MP4A	Z	-76.731	3.13
72	MP4A	Mx	0	3.13
73	MP4B	X	0	1.13
74	MP4B	Z	-42.975	1.13
75	MP4B	Mx	.018	1.13
76	MP4B	X	0	3.13
77	MP4B	Z	-42.975	3.13
78	MP4B	Mx	.018	3.13
79	MP4C	X	0	1.13
80	MP4C	Z	-39.002	1.13
81	MP4C	Mx	-.017	1.13
82	MP4C	X	0	3.13
83	MP4C	Z	-39.002	3.13
84	MP4C	Mx	-.017	3.13
85	MP1A	X	0	2
86	MP1A	Z	-60.68	2
87	MP1A	Mx	0	2
88	MP1B	X	0	2
89	MP1B	Z	-45.706	2
90	MP1B	Mx	-.013	2
91	MP1C	X	0	2
92	MP1C	Z	-45.706	2
93	MP1C	Mx	.013	2
94	MP2A	X	0	2
95	MP2A	Z	-60.68	2
96	MP2A	Mx	0	2
97	MP2B	X	0	2
98	MP2B	Z	-42.77	2
99	MP2B	Mx	-.012	2
100	MP2C	X	0	2
101	MP2C	Z	-42.77	2
102	MP2C	Mx	.012	2
103	MP2A	X	0	5
104	MP2A	Z	-14.485	5
105	MP2A	Mx	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP2B	X	0	5
107	MP2B	Z	-11.138	5
108	MP2B	Mx	-.003	5
109	MP2C	X	0	5
110	MP2C	Z	-11.138	5
111	MP2C	Mx	.003	5
112	OVP	X	0	.75
113	OVP	Z	-94.348	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	9.403	6
2	MP2C	Z	-16.286	6
3	MP2C	Mx	.015	6
4	MP2C	X	9.403	7
5	MP2C	Z	-16.286	7
6	MP2C	Mx	.015	7
7	MP2C	X	9.403	6
8	MP2C	Z	-16.286	6
9	MP2C	Mx	.004	6
10	MP2C	X	9.403	7
11	MP2C	Z	-16.286	7
12	MP2C	Mx	.004	7
13	MP1A	X	42.187	.25
14	MP1A	Z	-73.07	.25
15	MP1A	Mx	-.021	.25
16	MP1A	X	42.187	4
17	MP1A	Z	-73.07	4
18	MP1A	Mx	-.021	4
19	MP1B	X	27.813	.25
20	MP1B	Z	-48.174	.25
21	MP1B	Mx	.028	.25
22	MP1B	X	27.813	4
23	MP1B	Z	-48.174	4
24	MP1B	Mx	.028	4
25	MP1C	X	42.187	.25
26	MP1C	Z	-73.07	.25
27	MP1C	Mx	-.021	.25
28	MP1C	X	42.187	4
29	MP1C	Z	-73.07	4
30	MP1C	Mx	-.021	4
31	MP2A	X	81.511	.25
32	MP2A	Z	-141.18	.25
33	MP2A	Mx	-.123	.25
34	MP2A	X	81.511	5.25
35	MP2A	Z	-141.18	5.25
36	MP2A	Mx	-.123	5.25
37	MP2C	X	81.511	.25
38	MP2C	Z	-141.18	.25
39	MP2C	Mx	.042	.25
40	MP2C	X	81.511	5.25
41	MP2C	Z	-141.18	5.25
42	MP2C	Mx	.042	5.25
43	MP2A	X	81.511	.25
44	MP2A	Z	-141.18	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP2A	Mx	.042	.25
46	MP2A	X	81.511	5.25
47	MP2A	Z	-141.18	5.25
48	MP2A	Mx	.042	5.25
49	MP2C	X	81.511	.25
50	MP2C	Z	-141.18	.25
51	MP2C	Mx	-.123	.25
52	MP2C	X	81.511	5.25
53	MP2C	Z	-141.18	5.25
54	MP2C	Mx	-.123	5.25
55	MP2B	X	52.163	.25
56	MP2B	Z	-90.35	.25
57	MP2B	Mx	.059	.25
58	MP2B	X	52.163	5.25
59	MP2B	Z	-90.35	5.25
60	MP2B	Mx	.059	5.25
61	MP2B	X	52.163	.25
62	MP2B	Z	-90.35	.25
63	MP2B	Mx	.045	.25
64	MP2B	X	52.163	5.25
65	MP2B	Z	-90.35	5.25
66	MP2B	Mx	.045	5.25
67	MP4A	X	32.077	1.13
68	MP4A	Z	-55.56	1.13
69	MP4A	Mx	-.016	1.13
70	MP4A	X	32.077	3.13
71	MP4A	Z	-55.56	3.13
72	MP4A	Mx	-.016	3.13
73	MP4B	X	13.404	1.13
74	MP4B	Z	-23.216	1.13
75	MP4B	Mx	.013	1.13
76	MP4B	X	13.404	3.13
77	MP4B	Z	-23.216	3.13
78	MP4B	Mx	.013	3.13
79	MP4C	X	32.077	1.13
80	MP4C	Z	-55.56	1.13
81	MP4C	Mx	-.016	1.13
82	MP4C	X	32.077	3.13
83	MP4C	Z	-55.56	3.13
84	MP4C	Mx	-.016	3.13
85	MP1A	X	27.844	2
86	MP1A	Z	-48.228	2
87	MP1A	Mx	.009	2
88	MP1B	X	20.357	2
89	MP1B	Z	-35.26	2
90	MP1B	Mx	-.014	2
91	MP1C	X	27.844	2
92	MP1C	Z	-48.228	2
93	MP1C	Mx	.009	2
94	MP2A	X	27.355	2
95	MP2A	Z	-47.38	2
96	MP2A	Mx	.009	2
97	MP2B	X	18.4	2
98	MP2B	Z	-31.869	2
99	MP2B	Mx	-.012	2
100	MP2C	X	27.355	2
101	MP2C	Z	-47.38	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP2C	Mx	.009	2
103	MP2A	X	6.685	5
104	MP2A	Z	-11.578	5
105	MP2A	Mx	.002	5
106	MP2B	X	5.011	5
107	MP2B	Z	-8.679	5
108	MP2B	Mx	-.003	5
109	MP2C	X	6.685	5
110	MP2C	Z	-11.578	5
111	MP2C	Mx	.002	5
112	OVP	X	50.893	.75
113	OVP	Z	-88.149	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	16.274	6
2	MP2C	Z	-9.396	6
3	MP2C	Mx	.006	6
4	MP2C	X	16.274	7
5	MP2C	Z	-9.396	7
6	MP2C	Mx	.006	7
7	MP2C	X	16.274	6
8	MP2C	Z	-9.396	6
9	MP2C	Mx	-.006	6
10	MP2C	X	16.274	7
11	MP2C	Z	-9.396	7
12	MP2C	Mx	-.006	7
13	MP1A	X	56.472	.25
14	MP1A	Z	-32.604	.25
15	MP1A	Mx	-.028	.25
16	MP1A	X	56.472	4
17	MP1A	Z	-32.604	4
18	MP1A	Mx	-.028	4
19	MP1B	X	56.472	.25
20	MP1B	Z	-32.604	.25
21	MP1B	Mx	.028	.25
22	MP1B	X	56.472	4
23	MP1B	Z	-32.604	4
24	MP1B	Mx	.028	4
25	MP1C	X	81.369	.25
26	MP1C	Z	-46.978	.25
27	MP1C	Mx	0	.25
28	MP1C	X	81.369	4
29	MP1C	Z	-46.978	4
30	MP1C	Mx	0	4
31	MP2A	X	114.679	.25
32	MP2A	Z	-66.21	.25
33	MP2A	Mx	-.096	.25
34	MP2A	X	114.679	5.25
35	MP2A	Z	-66.21	5.25
36	MP2A	Mx	-.096	5.25
37	MP2C	X	154.431	.25
38	MP2C	Z	-89.161	.25
39	MP2C	Mx	.104	.25
40	MP2C	X	154.431	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP2C	Z	-89.161	5.25
42	MP2C	Mx	.104	5.25
43	MP2A	X	114.679	.25
44	MP2A	Z	-66.21	.25
45	MP2A	Mx	-.019	.25
46	MP2A	X	114.679	5.25
47	MP2A	Z	-66.21	5.25
48	MP2A	Mx	-.019	5.25
49	MP2C	X	154.431	.25
50	MP2C	Z	-89.161	.25
51	MP2C	Mx	-.104	.25
52	MP2C	X	154.431	5.25
53	MP2C	Z	-89.161	5.25
54	MP2C	Mx	-.104	5.25
55	MP2B	X	108.082	.25
56	MP2B	Z	-62.401	.25
57	MP2B	Mx	.016	.25
58	MP2B	X	108.082	5.25
59	MP2B	Z	-62.401	5.25
60	MP2B	Mx	.016	5.25
61	MP2B	X	108.082	.25
62	MP2B	Z	-62.401	.25
63	MP2B	Mx	.097	.25
64	MP2B	X	108.082	5.25
65	MP2B	Z	-62.401	5.25
66	MP2B	Mx	.097	5.25
67	MP4A	X	33.777	1.13
68	MP4A	Z	-19.501	1.13
69	MP4A	Mx	-.017	1.13
70	MP4A	X	33.777	3.13
71	MP4A	Z	-19.501	3.13
72	MP4A	Mx	-.017	3.13
73	MP4B	X	30.666	1.13
74	MP4B	Z	-17.705	1.13
75	MP4B	Mx	.016	1.13
76	MP4B	X	30.666	3.13
77	MP4B	Z	-17.705	3.13
78	MP4B	Mx	.016	3.13
79	MP4C	X	66.451	1.13
80	MP4C	Z	-38.366	1.13
81	MP4C	Mx	0	1.13
82	MP4C	X	66.451	3.13
83	MP4C	Z	-38.366	3.13
84	MP4C	Mx	0	3.13
85	MP1A	X	39.583	2
86	MP1A	Z	-22.853	2
87	MP1A	Mx	.013	2
88	MP1B	X	39.583	2
89	MP1B	Z	-22.853	2
90	MP1B	Mx	-.013	2
91	MP1C	X	52.551	2
92	MP1C	Z	-30.34	2
93	MP1C	Mx	0	2
94	MP2A	X	37.04	2
95	MP2A	Z	-21.385	2
96	MP2A	Mx	.012	2
97	MP2B	X	37.04	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP2B	Z	-21.385	2
99	MP2B	Mx	-.012	2
100	MP2C	X	52.551	2
101	MP2C	Z	-30.34	2
102	MP2C	Mx	0	2
103	MP2A	X	9.646	5
104	MP2A	Z	-5.569	5
105	MP2A	Mx	.003	5
106	MP2B	X	9.646	5
107	MP2B	Z	-5.569	5
108	MP2B	Mx	-.003	5
109	MP2C	X	12.544	5
110	MP2C	Z	-7.242	5
111	MP2C	Mx	0	5
112	OVP	X	101.033	.75
113	OVP	Z	-58.331	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	18.805	6
2	MP2C	Z	0	6
3	MP2C	Mx	-.004	6
4	MP2C	X	18.805	7
5	MP2C	Z	0	7
6	MP2C	Mx	-.004	7
7	MP2C	X	18.805	6
8	MP2C	Z	0	6
9	MP2C	Mx	-.015	6
10	MP2C	X	18.805	7
11	MP2C	Z	0	7
12	MP2C	Mx	-.015	7
13	MP1A	X	55.626	.25
14	MP1A	Z	0	.25
15	MP1A	Mx	-.028	.25
16	MP1A	X	55.626	4
17	MP1A	Z	0	4
18	MP1A	Mx	-.028	4
19	MP1B	X	84.374	.25
20	MP1B	Z	0	.25
21	MP1B	Mx	.021	.25
22	MP1B	X	84.374	4
23	MP1B	Z	0	4
24	MP1B	Mx	.021	4
25	MP1C	X	84.374	.25
26	MP1C	Z	0	.25
27	MP1C	Mx	.021	.25
28	MP1C	X	84.374	4
29	MP1C	Z	0	4
30	MP1C	Mx	.021	4
31	MP2A	X	117.119	.25
32	MP2A	Z	0	.25
33	MP2A	Mx	-.059	.25
34	MP2A	X	117.119	5.25
35	MP2A	Z	0	5.25
36	MP2A	Mx	-.059	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP2C	X	163.021	.25
38	MP2C	Z	0	.25
39	MP2C	Mx	.123	.25
40	MP2C	X	163.021	5.25
41	MP2C	Z	0	5.25
42	MP2C	Mx	.123	5.25
43	MP2A	X	117.119	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	-.059	.25
46	MP2A	X	117.119	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	-.059	5.25
49	MP2C	X	163.021	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	-.042	.25
52	MP2C	X	163.021	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	-.042	5.25
55	MP2B	X	183.757	.25
56	MP2B	Z	0	.25
57	MP2B	Mx	-.063	.25
58	MP2B	X	183.757	5.25
59	MP2B	Z	0	5.25
60	MP2B	Mx	-.063	5.25
61	MP2B	X	183.757	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.169	.25
64	MP2B	X	183.757	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	.169	5.25
67	MP4A	X	26.425	1.13
68	MP4A	Z	0	1.13
69	MP4A	Mx	-.013	1.13
70	MP4A	X	26.425	3.13
71	MP4A	Z	0	3.13
72	MP4A	Mx	-.013	3.13
73	MP4B	X	60.181	1.13
74	MP4B	Z	0	1.13
75	MP4B	Mx	.017	1.13
76	MP4B	X	60.181	3.13
77	MP4B	Z	0	3.13
78	MP4B	Mx	.017	3.13
79	MP4C	X	64.155	1.13
80	MP4C	Z	0	1.13
81	MP4C	Mx	.016	1.13
82	MP4C	X	64.155	3.13
83	MP4C	Z	0	3.13
84	MP4C	Mx	.016	3.13
85	MP1A	X	40.714	2
86	MP1A	Z	0	2
87	MP1A	Mx	.014	2
88	MP1B	X	55.689	2
89	MP1B	Z	0	2
90	MP1B	Mx	-.009	2
91	MP1C	X	55.689	2
92	MP1C	Z	0	2
93	MP1C	Mx	-.009	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP2A	X	36.8	2
95	MP2A	Z	0	2
96	MP2A	Mx	.012	2
97	MP2B	X	54.71	2
98	MP2B	Z	0	2
99	MP2B	Mx	-.009	2
100	MP2C	X	54.71	2
101	MP2C	Z	0	2
102	MP2C	Mx	-.009	2
103	MP2A	X	10.022	5
104	MP2A	Z	0	5
105	MP2A	Mx	.003	5
106	MP2B	X	13.369	5
107	MP2B	Z	0	5
108	MP2B	Mx	-.002	5
109	MP2C	X	13.369	5
110	MP2C	Z	0	5
111	MP2C	Mx	-.002	5
112	OVP	X	124.101	.75
113	OVP	Z	0	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	16.31	6
2	MP2C	Z	9.416	6
3	MP2C	Mx	-.013	6
4	MP2C	X	16.31	7
5	MP2C	Z	9.416	7
6	MP2C	Mx	-.013	7
7	MP2C	X	16.31	6
8	MP2C	Z	9.416	6
9	MP2C	Mx	-.019	6
10	MP2C	X	16.31	7
11	MP2C	Z	9.416	7
12	MP2C	Mx	-.019	7
13	MP1A	X	56.472	.25
14	MP1A	Z	32.604	.25
15	MP1A	Mx	-.028	.25
16	MP1A	X	56.472	4
17	MP1A	Z	32.604	4
18	MP1A	Mx	-.028	4
19	MP1B	X	81.369	.25
20	MP1B	Z	46.978	.25
21	MP1B	Mx	0	.25
22	MP1B	X	81.369	4
23	MP1B	Z	46.978	4
24	MP1B	Mx	0	4
25	MP1C	X	56.472	.25
26	MP1C	Z	32.604	.25
27	MP1C	Mx	.028	.25
28	MP1C	X	56.472	4
29	MP1C	Z	32.604	4
30	MP1C	Mx	.028	4
31	MP2A	X	114.679	.25
32	MP2A	Z	66.21	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	-.019	.25
34	MP2A	X	114.679	5.25
35	MP2A	Z	66.21	5.25
36	MP2A	Mx	-.019	5.25
37	MP2C	X	114.679	.25
38	MP2C	Z	66.21	.25
39	MP2C	Mx	.096	.25
40	MP2C	X	114.679	5.25
41	MP2C	Z	66.21	5.25
42	MP2C	Mx	.096	5.25
43	MP2A	X	114.679	.25
44	MP2A	Z	66.21	.25
45	MP2A	Mx	-.096	.25
46	MP2A	X	114.679	5.25
47	MP2A	Z	66.21	5.25
48	MP2A	Mx	-.096	5.25
49	MP2C	X	114.679	.25
50	MP2C	Z	66.21	.25
51	MP2C	Mx	.019	.25
52	MP2C	X	114.679	5.25
53	MP2C	Z	66.21	5.25
54	MP2C	Mx	.019	5.25
55	MP2B	X	192.463	.25
56	MP2B	Z	111.119	.25
57	MP2B	Mx	-.161	.25
58	MP2B	X	192.463	5.25
59	MP2B	Z	111.119	5.25
60	MP2B	Mx	-.161	5.25
61	MP2B	X	192.463	.25
62	MP2B	Z	111.119	.25
63	MP2B	Mx	.18	.25
64	MP2B	X	192.463	5.25
65	MP2B	Z	111.119	5.25
66	MP2B	Mx	.18	5.25
67	MP4A	X	33.777	1.13
68	MP4A	Z	19.501	1.13
69	MP4A	Mx	-.017	1.13
70	MP4A	X	33.777	3.13
71	MP4A	Z	19.501	3.13
72	MP4A	Mx	-.017	3.13
73	MP4B	X	66.12	1.13
74	MP4B	Z	38.175	1.13
75	MP4B	Mx	.003	1.13
76	MP4B	X	66.12	3.13
77	MP4B	Z	38.175	3.13
78	MP4B	Mx	.003	3.13
79	MP4C	X	33.777	1.13
80	MP4C	Z	19.501	1.13
81	MP4C	Mx	.017	1.13
82	MP4C	X	33.777	3.13
83	MP4C	Z	19.501	3.13
84	MP4C	Mx	.017	3.13
85	MP1A	X	39.583	2
86	MP1A	Z	22.853	2
87	MP1A	Mx	.013	2
88	MP1B	X	52.551	2
89	MP1B	Z	30.34	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1B	Mx	0	2
91	MP1C	X	39.583	2
92	MP1C	Z	22.853	2
93	MP1C	Mx	-.013	2
94	MP2A	X	37.04	2
95	MP2A	Z	21.385	2
96	MP2A	Mx	.012	2
97	MP2B	X	52.551	2
98	MP2B	Z	30.34	2
99	MP2B	Mx	0	2
100	MP2C	X	37.04	2
101	MP2C	Z	21.385	2
102	MP2C	Mx	-.012	2
103	MP2A	X	9.646	5
104	MP2A	Z	5.569	5
105	MP2A	Mx	.003	5
106	MP2B	X	12.544	5
107	MP2B	Z	7.242	5
108	MP2B	Mx	0	5
109	MP2C	X	9.646	5
110	MP2C	Z	5.569	5
111	MP2C	Mx	-.003	5
112	OVP	X	101.033	.75
113	OVP	Z	58.331	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	9.423	6
2	MP2C	Z	16.322	6
3	MP2C	Mx	-.019	6
4	MP2C	X	9.423	7
5	MP2C	Z	16.322	7
6	MP2C	Mx	-.019	7
7	MP2C	X	9.423	6
8	MP2C	Z	16.322	6
9	MP2C	Mx	-.019	6
10	MP2C	X	9.423	7
11	MP2C	Z	16.322	7
12	MP2C	Mx	-.019	7
13	MP1A	X	42.187	.25
14	MP1A	Z	73.07	.25
15	MP1A	Mx	-.021	.25
16	MP1A	X	42.187	4
17	MP1A	Z	73.07	4
18	MP1A	Mx	-.021	4
19	MP1B	X	42.187	.25
20	MP1B	Z	73.07	.25
21	MP1B	Mx	-.021	.25
22	MP1B	X	42.187	4
23	MP1B	Z	73.07	4
24	MP1B	Mx	-.021	4
25	MP1C	X	27.813	.25
26	MP1C	Z	48.174	.25
27	MP1C	Mx	.028	.25
28	MP1C	X	27.813	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1C	Z	48.174	4
30	MP1C	Mx	.028	4
31	MP2A	X	81.511	.25
32	MP2A	Z	141.18	.25
33	MP2A	Mx	.042	.25
34	MP2A	X	81.511	5.25
35	MP2A	Z	141.18	5.25
36	MP2A	Mx	.042	5.25
37	MP2C	X	58.56	.25
38	MP2C	Z	101.428	.25
39	MP2C	Mx	.059	.25
40	MP2C	X	58.56	5.25
41	MP2C	Z	101.428	5.25
42	MP2C	Mx	.059	5.25
43	MP2A	X	81.511	.25
44	MP2A	Z	141.18	.25
45	MP2A	Mx	-.123	.25
46	MP2A	X	81.511	5.25
47	MP2A	Z	141.18	5.25
48	MP2A	Mx	-.123	5.25
49	MP2C	X	58.56	.25
50	MP2C	Z	101.428	.25
51	MP2C	Mx	.059	.25
52	MP2C	X	58.56	5.25
53	MP2C	Z	101.428	5.25
54	MP2C	Mx	.059	5.25
55	MP2B	X	100.881	.25
56	MP2B	Z	174.731	.25
57	MP2B	Mx	-.184	.25
58	MP2B	X	100.881	5.25
59	MP2B	Z	174.731	5.25
60	MP2B	Mx	-.184	5.25
61	MP2B	X	100.881	.25
62	MP2B	Z	174.731	.25
63	MP2B	Mx	.098	.25
64	MP2B	X	100.881	5.25
65	MP2B	Z	174.731	5.25
66	MP2B	Mx	.098	5.25
67	MP4A	X	32.077	1.13
68	MP4A	Z	55.56	1.13
69	MP4A	Mx	-.016	1.13
70	MP4A	X	32.077	3.13
71	MP4A	Z	55.56	3.13
72	MP4A	Mx	-.016	3.13
73	MP4B	X	33.873	1.13
74	MP4B	Z	58.67	1.13
75	MP4B	Mx	-.014	1.13
76	MP4B	X	33.873	3.13
77	MP4B	Z	58.67	3.13
78	MP4B	Mx	-.014	3.13
79	MP4C	X	13.213	1.13
80	MP4C	Z	22.885	1.13
81	MP4C	Mx	.013	1.13
82	MP4C	X	13.213	3.13
83	MP4C	Z	22.885	3.13
84	MP4C	Mx	.013	3.13
85	MP1A	X	27.844	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1A	Z	48.228	2
87	MP1A	Mx	.009	2
88	MP1B	X	27.844	2
89	MP1B	Z	48.228	2
90	MP1B	Mx	.009	2
91	MP1C	X	20.357	2
92	MP1C	Z	35.26	2
93	MP1C	Mx	-.014	2
94	MP2A	X	27.355	2
95	MP2A	Z	47.38	2
96	MP2A	Mx	.009	2
97	MP2B	X	27.355	2
98	MP2B	Z	47.38	2
99	MP2B	Mx	.009	2
100	MP2C	X	18.4	2
101	MP2C	Z	31.869	2
102	MP2C	Mx	-.012	2
103	MP2A	X	6.685	5
104	MP2A	Z	11.578	5
105	MP2A	Mx	.002	5
106	MP2B	X	6.685	5
107	MP2B	Z	11.578	5
108	MP2B	Mx	.002	5
109	MP2C	X	5.011	5
110	MP2C	Z	8.679	5
111	MP2C	Mx	-.003	5
112	OVP	X	50.893	.75
113	OVP	Z	88.149	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	6
2	MP2C	Z	18.833	6
3	MP2C	Mx	-.019	6
4	MP2C	X	0	7
5	MP2C	Z	18.833	7
6	MP2C	Mx	-.019	7
7	MP2C	X	0	6
8	MP2C	Z	18.833	6
9	MP2C	Mx	-.013	6
10	MP2C	X	0	7
11	MP2C	Z	18.833	7
12	MP2C	Mx	-.013	7
13	MP1A	X	0	.25
14	MP1A	Z	93.957	.25
15	MP1A	Mx	0	.25
16	MP1A	X	0	4
17	MP1A	Z	93.957	4
18	MP1A	Mx	0	4
19	MP1B	X	0	.25
20	MP1B	Z	65.209	.25
21	MP1B	Mx	-.028	.25
22	MP1B	X	0	4
23	MP1B	Z	65.209	4
24	MP1B	Mx	-.028	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP1C	X	0	.25
26	MP1C	Z	65.209	.25
27	MP1C	Mx	.028	.25
28	MP1C	X	0	4
29	MP1C	Z	65.209	4
30	MP1C	Mx	.028	4
31	MP2A	X	0	.25
32	MP2A	Z	178.322	.25
33	MP2A	Mx	.104	.25
34	MP2A	X	0	5.25
35	MP2A	Z	178.322	5.25
36	MP2A	Mx	.104	5.25
37	MP2C	X	0	.25
38	MP2C	Z	132.42	.25
39	MP2C	Mx	.019	.25
40	MP2C	X	0	5.25
41	MP2C	Z	132.42	5.25
42	MP2C	Mx	.019	5.25
43	MP2A	X	0	.25
44	MP2A	Z	178.322	.25
45	MP2A	Mx	-.104	.25
46	MP2A	X	0	5.25
47	MP2A	Z	178.322	5.25
48	MP2A	Mx	-.104	5.25
49	MP2C	X	0	.25
50	MP2C	Z	132.42	.25
51	MP2C	Mx	.096	.25
52	MP2C	X	0	5.25
53	MP2C	Z	132.42	5.25
54	MP2C	Mx	.096	5.25
55	MP2B	X	0	.25
56	MP2B	Z	142.807	.25
57	MP2B	Mx	-.122	.25
58	MP2B	X	0	5.25
59	MP2B	Z	142.807	5.25
60	MP2B	Mx	-.122	5.25
61	MP2B	X	0	.25
62	MP2B	Z	142.807	.25
63	MP2B	Mx	.005	.25
64	MP2B	X	0	5.25
65	MP2B	Z	142.807	5.25
66	MP2B	Mx	.005	5.25
67	MP4A	X	0	1.13
68	MP4A	Z	76.731	1.13
69	MP4A	Mx	0	1.13
70	MP4A	X	0	3.13
71	MP4A	Z	76.731	3.13
72	MP4A	Mx	0	3.13
73	MP4B	X	0	1.13
74	MP4B	Z	42.975	1.13
75	MP4B	Mx	-.018	1.13
76	MP4B	X	0	3.13
77	MP4B	Z	42.975	3.13
78	MP4B	Mx	-.018	3.13
79	MP4C	X	0	1.13
80	MP4C	Z	39.002	1.13
81	MP4C	Mx	.017	1.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	0	3.13
83	MP4C	Z	39.002	3.13
84	MP4C	Mx	.017	3.13
85	MP1A	X	0	2
86	MP1A	Z	60.68	2
87	MP1A	Mx	0	2
88	MP1B	X	0	2
89	MP1B	Z	45.706	2
90	MP1B	Mx	.013	2
91	MP1C	X	0	2
92	MP1C	Z	45.706	2
93	MP1C	Mx	-.013	2
94	MP2A	X	0	2
95	MP2A	Z	60.68	2
96	MP2A	Mx	0	2
97	MP2B	X	0	2
98	MP2B	Z	42.77	2
99	MP2B	Mx	.012	2
100	MP2C	X	0	2
101	MP2C	Z	42.77	2
102	MP2C	Mx	-.012	2
103	MP2A	X	0	5
104	MP2A	Z	14.485	5
105	MP2A	Mx	0	5
106	MP2B	X	0	5
107	MP2B	Z	11.138	5
108	MP2B	Mx	.003	5
109	MP2C	X	0	5
110	MP2C	Z	11.138	5
111	MP2C	Mx	-.003	5
112	OVP	X	0	.75
113	OVP	Z	94.348	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-9.403	6
2	MP2C	Z	16.286	6
3	MP2C	Mx	-.015	6
4	MP2C	X	-9.403	7
5	MP2C	Z	16.286	7
6	MP2C	Mx	-.015	7
7	MP2C	X	-9.403	6
8	MP2C	Z	16.286	6
9	MP2C	Mx	-.004	6
10	MP2C	X	-9.403	7
11	MP2C	Z	16.286	7
12	MP2C	Mx	-.004	7
13	MP1A	X	-42.187	.25
14	MP1A	Z	73.07	.25
15	MP1A	Mx	.021	.25
16	MP1A	X	-42.187	4
17	MP1A	Z	73.07	4
18	MP1A	Mx	.021	4
19	MP1B	X	-27.813	.25
20	MP1B	Z	48.174	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP1B	Mx	-.028	.25
22	MP1B	X	-27.813	4
23	MP1B	Z	48.174	4
24	MP1B	Mx	-.028	4
25	MP1C	X	-42.187	.25
26	MP1C	Z	73.07	.25
27	MP1C	Mx	.021	.25
28	MP1C	X	-42.187	4
29	MP1C	Z	73.07	4
30	MP1C	Mx	.021	4
31	MP2A	X	-81.511	.25
32	MP2A	Z	141.18	.25
33	MP2A	Mx	.123	.25
34	MP2A	X	-81.511	5.25
35	MP2A	Z	141.18	5.25
36	MP2A	Mx	.123	5.25
37	MP2C	X	-81.511	.25
38	MP2C	Z	141.18	.25
39	MP2C	Mx	-.042	.25
40	MP2C	X	-81.511	5.25
41	MP2C	Z	141.18	5.25
42	MP2C	Mx	-.042	5.25
43	MP2A	X	-81.511	.25
44	MP2A	Z	141.18	.25
45	MP2A	Mx	-.042	.25
46	MP2A	X	-81.511	5.25
47	MP2A	Z	141.18	5.25
48	MP2A	Mx	-.042	5.25
49	MP2C	X	-81.511	.25
50	MP2C	Z	141.18	.25
51	MP2C	Mx	.123	.25
52	MP2C	X	-81.511	5.25
53	MP2C	Z	141.18	5.25
54	MP2C	Mx	.123	5.25
55	MP2B	X	-52.163	.25
56	MP2B	Z	90.35	.25
57	MP2B	Mx	-.059	.25
58	MP2B	X	-52.163	5.25
59	MP2B	Z	90.35	5.25
60	MP2B	Mx	-.059	5.25
61	MP2B	X	-52.163	.25
62	MP2B	Z	90.35	.25
63	MP2B	Mx	-.045	.25
64	MP2B	X	-52.163	5.25
65	MP2B	Z	90.35	5.25
66	MP2B	Mx	-.045	5.25
67	MP4A	X	-32.077	1.13
68	MP4A	Z	55.56	1.13
69	MP4A	Mx	.016	1.13
70	MP4A	X	-32.077	3.13
71	MP4A	Z	55.56	3.13
72	MP4A	Mx	.016	3.13
73	MP4B	X	-13.404	1.13
74	MP4B	Z	23.216	1.13
75	MP4B	Mx	-.013	1.13
76	MP4B	X	-13.404	3.13
77	MP4B	Z	23.216	3.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP4B	Mx	-.013	3.13
79	MP4C	X	-32.077	1.13
80	MP4C	Z	55.56	1.13
81	MP4C	Mx	.016	1.13
82	MP4C	X	-32.077	3.13
83	MP4C	Z	55.56	3.13
84	MP4C	Mx	.016	3.13
85	MP1A	X	-27.844	2
86	MP1A	Z	48.228	2
87	MP1A	Mx	-.009	2
88	MP1B	X	-20.357	2
89	MP1B	Z	35.26	2
90	MP1B	Mx	.014	2
91	MP1C	X	-27.844	2
92	MP1C	Z	48.228	2
93	MP1C	Mx	-.009	2
94	MP2A	X	-27.355	2
95	MP2A	Z	47.38	2
96	MP2A	Mx	-.009	2
97	MP2B	X	-18.4	2
98	MP2B	Z	31.869	2
99	MP2B	Mx	.012	2
100	MP2C	X	-27.355	2
101	MP2C	Z	47.38	2
102	MP2C	Mx	-.009	2
103	MP2A	X	-6.685	5
104	MP2A	Z	11.578	5
105	MP2A	Mx	-.002	5
106	MP2B	X	-5.011	5
107	MP2B	Z	8.679	5
108	MP2B	Mx	.003	5
109	MP2C	X	-6.685	5
110	MP2C	Z	11.578	5
111	MP2C	Mx	-.002	5
112	OVP	X	-50.893	.75
113	OVP	Z	88.149	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-16.274	6
2	MP2C	Z	9.396	6
3	MP2C	Mx	-.006	6
4	MP2C	X	-16.274	7
5	MP2C	Z	9.396	7
6	MP2C	Mx	-.006	7
7	MP2C	X	-16.274	6
8	MP2C	Z	9.396	6
9	MP2C	Mx	.006	6
10	MP2C	X	-16.274	7
11	MP2C	Z	9.396	7
12	MP2C	Mx	.006	7
13	MP1A	X	-56.472	.25
14	MP1A	Z	32.604	.25
15	MP1A	Mx	.028	.25
16	MP1A	X	-56.472	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP1A	Z	32.604	4
18	MP1A	Mx	.028	4
19	MP1B	X	-56.472	.25
20	MP1B	Z	32.604	.25
21	MP1B	Mx	-.028	.25
22	MP1B	X	-56.472	4
23	MP1B	Z	32.604	4
24	MP1B	Mx	-.028	4
25	MP1C	X	-81.369	.25
26	MP1C	Z	46.978	.25
27	MP1C	Mx	0	.25
28	MP1C	X	-81.369	4
29	MP1C	Z	46.978	4
30	MP1C	Mx	0	4
31	MP2A	X	-114.679	.25
32	MP2A	Z	66.21	.25
33	MP2A	Mx	.096	.25
34	MP2A	X	-114.679	5.25
35	MP2A	Z	66.21	5.25
36	MP2A	Mx	.096	5.25
37	MP2C	X	-154.431	.25
38	MP2C	Z	89.161	.25
39	MP2C	Mx	-.104	.25
40	MP2C	X	-154.431	5.25
41	MP2C	Z	89.161	5.25
42	MP2C	Mx	-.104	5.25
43	MP2A	X	-114.679	.25
44	MP2A	Z	66.21	.25
45	MP2A	Mx	.019	.25
46	MP2A	X	-114.679	5.25
47	MP2A	Z	66.21	5.25
48	MP2A	Mx	.019	5.25
49	MP2C	X	-154.431	.25
50	MP2C	Z	89.161	.25
51	MP2C	Mx	.104	.25
52	MP2C	X	-154.431	5.25
53	MP2C	Z	89.161	5.25
54	MP2C	Mx	.104	5.25
55	MP2B	X	-108.082	.25
56	MP2B	Z	62.401	.25
57	MP2B	Mx	-.016	.25
58	MP2B	X	-108.082	5.25
59	MP2B	Z	62.401	5.25
60	MP2B	Mx	-.016	5.25
61	MP2B	X	-108.082	.25
62	MP2B	Z	62.401	.25
63	MP2B	Mx	-.097	.25
64	MP2B	X	-108.082	5.25
65	MP2B	Z	62.401	5.25
66	MP2B	Mx	-.097	5.25
67	MP4A	X	-33.777	1.13
68	MP4A	Z	19.501	1.13
69	MP4A	Mx	.017	1.13
70	MP4A	X	-33.777	3.13
71	MP4A	Z	19.501	3.13
72	MP4A	Mx	.017	3.13
73	MP4B	X	-30.666	1.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP4B	Z	17.705	1.13
75	MP4B	Mx	-.016	1.13
76	MP4B	X	-30.666	3.13
77	MP4B	Z	17.705	3.13
78	MP4B	Mx	-.016	3.13
79	MP4C	X	-66.451	1.13
80	MP4C	Z	38.366	1.13
81	MP4C	Mx	0	1.13
82	MP4C	X	-66.451	3.13
83	MP4C	Z	38.366	3.13
84	MP4C	Mx	0	3.13
85	MP1A	X	-39.583	2
86	MP1A	Z	22.853	2
87	MP1A	Mx	-.013	2
88	MP1B	X	-39.583	2
89	MP1B	Z	22.853	2
90	MP1B	Mx	.013	2
91	MP1C	X	-52.551	2
92	MP1C	Z	30.34	2
93	MP1C	Mx	0	2
94	MP2A	X	-37.04	2
95	MP2A	Z	21.385	2
96	MP2A	Mx	-.012	2
97	MP2B	X	-37.04	2
98	MP2B	Z	21.385	2
99	MP2B	Mx	.012	2
100	MP2C	X	-52.551	2
101	MP2C	Z	30.34	2
102	MP2C	Mx	0	2
103	MP2A	X	-9.646	5
104	MP2A	Z	5.569	5
105	MP2A	Mx	-.003	5
106	MP2B	X	-9.646	5
107	MP2B	Z	5.569	5
108	MP2B	Mx	.003	5
109	MP2C	X	-12.544	5
110	MP2C	Z	7.242	5
111	MP2C	Mx	0	5
112	OVP	X	-101.033	.75
113	OVP	Z	58.331	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-18.805	6
2	MP2C	Z	0	6
3	MP2C	Mx	.004	6
4	MP2C	X	-18.805	7
5	MP2C	Z	0	7
6	MP2C	Mx	.004	7
7	MP2C	X	-18.805	6
8	MP2C	Z	0	6
9	MP2C	Mx	.015	6
10	MP2C	X	-18.805	7
11	MP2C	Z	0	7
12	MP2C	Mx	.015	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1A	X	-55.626	.25
14	MP1A	Z	0	.25
15	MP1A	Mx	.028	.25
16	MP1A	X	-55.626	4
17	MP1A	Z	0	4
18	MP1A	Mx	.028	4
19	MP1B	X	-84.374	.25
20	MP1B	Z	0	.25
21	MP1B	Mx	-.021	.25
22	MP1B	X	-84.374	4
23	MP1B	Z	0	4
24	MP1B	Mx	-.021	4
25	MP1C	X	-84.374	.25
26	MP1C	Z	0	.25
27	MP1C	Mx	-.021	.25
28	MP1C	X	-84.374	4
29	MP1C	Z	0	4
30	MP1C	Mx	-.021	4
31	MP2A	X	-117.119	.25
32	MP2A	Z	0	.25
33	MP2A	Mx	.059	.25
34	MP2A	X	-117.119	5.25
35	MP2A	Z	0	5.25
36	MP2A	Mx	.059	5.25
37	MP2C	X	-163.021	.25
38	MP2C	Z	0	.25
39	MP2C	Mx	-.123	.25
40	MP2C	X	-163.021	5.25
41	MP2C	Z	0	5.25
42	MP2C	Mx	-.123	5.25
43	MP2A	X	-117.119	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	.059	.25
46	MP2A	X	-117.119	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	.059	5.25
49	MP2C	X	-163.021	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.042	.25
52	MP2C	X	-163.021	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	.042	5.25
55	MP2B	X	-183.757	.25
56	MP2B	Z	0	.25
57	MP2B	Mx	.063	.25
58	MP2B	X	-183.757	5.25
59	MP2B	Z	0	5.25
60	MP2B	Mx	.063	5.25
61	MP2B	X	-183.757	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.169	.25
64	MP2B	X	-183.757	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	-.169	5.25
67	MP4A	X	-26.425	1.13
68	MP4A	Z	0	1.13
69	MP4A	Mx	.013	1.13

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP4A	X	-26.425	3.13
71	MP4A	Z	0	3.13
72	MP4A	Mx	.013	3.13
73	MP4B	X	-60.181	1.13
74	MP4B	Z	0	1.13
75	MP4B	Mx	-.017	1.13
76	MP4B	X	-60.181	3.13
77	MP4B	Z	0	3.13
78	MP4B	Mx	-.017	3.13
79	MP4C	X	-64.155	1.13
80	MP4C	Z	0	1.13
81	MP4C	Mx	-.016	1.13
82	MP4C	X	-64.155	3.13
83	MP4C	Z	0	3.13
84	MP4C	Mx	-.016	3.13
85	MP1A	X	-40.714	2
86	MP1A	Z	0	2
87	MP1A	Mx	-.014	2
88	MP1B	X	-55.689	2
89	MP1B	Z	0	2
90	MP1B	Mx	.009	2
91	MP1C	X	-55.689	2
92	MP1C	Z	0	2
93	MP1C	Mx	.009	2
94	MP2A	X	-36.8	2
95	MP2A	Z	0	2
96	MP2A	Mx	-.012	2
97	MP2B	X	-54.71	2
98	MP2B	Z	0	2
99	MP2B	Mx	.009	2
100	MP2C	X	-54.71	2
101	MP2C	Z	0	2
102	MP2C	Mx	.009	2
103	MP2A	X	-10.022	5
104	MP2A	Z	0	5
105	MP2A	Mx	-.003	5
106	MP2B	X	-13.369	5
107	MP2B	Z	0	5
108	MP2B	Mx	.002	5
109	MP2C	X	-13.369	5
110	MP2C	Z	0	5
111	MP2C	Mx	.002	5
112	OVP	X	-124.101	.75
113	OVP	Z	0	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-16.31	6
2	MP2C	Z	-9.416	6
3	MP2C	Mx	.013	6
4	MP2C	X	-16.31	7
5	MP2C	Z	-9.416	7
6	MP2C	Mx	.013	7
7	MP2C	X	-16.31	6
8	MP2C	Z	-9.416	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2C	Mx	.019	6
10	MP2C	X	-16.31	7
11	MP2C	Z	-9.416	7
12	MP2C	Mx	.019	7
13	MP1A	X	-56.472	.25
14	MP1A	Z	-32.604	.25
15	MP1A	Mx	.028	.25
16	MP1A	X	-56.472	4
17	MP1A	Z	-32.604	4
18	MP1A	Mx	.028	4
19	MP1B	X	-81.369	.25
20	MP1B	Z	-46.978	.25
21	MP1B	Mx	0	.25
22	MP1B	X	-81.369	4
23	MP1B	Z	-46.978	4
24	MP1B	Mx	0	4
25	MP1C	X	-56.472	.25
26	MP1C	Z	-32.604	.25
27	MP1C	Mx	-.028	.25
28	MP1C	X	-56.472	4
29	MP1C	Z	-32.604	4
30	MP1C	Mx	-.028	4
31	MP2A	X	-114.679	.25
32	MP2A	Z	-66.21	.25
33	MP2A	Mx	.019	.25
34	MP2A	X	-114.679	5.25
35	MP2A	Z	-66.21	5.25
36	MP2A	Mx	.019	5.25
37	MP2C	X	-114.679	.25
38	MP2C	Z	-66.21	.25
39	MP2C	Mx	-.096	.25
40	MP2C	X	-114.679	5.25
41	MP2C	Z	-66.21	5.25
42	MP2C	Mx	-.096	5.25
43	MP2A	X	-114.679	.25
44	MP2A	Z	-66.21	.25
45	MP2A	Mx	.096	.25
46	MP2A	X	-114.679	5.25
47	MP2A	Z	-66.21	5.25
48	MP2A	Mx	.096	5.25
49	MP2C	X	-114.679	.25
50	MP2C	Z	-66.21	.25
51	MP2C	Mx	-.019	.25
52	MP2C	X	-114.679	5.25
53	MP2C	Z	-66.21	5.25
54	MP2C	Mx	-.019	5.25
55	MP2B	X	-192.463	.25
56	MP2B	Z	-111.119	.25
57	MP2B	Mx	.161	.25
58	MP2B	X	-192.463	5.25
59	MP2B	Z	-111.119	5.25
60	MP2B	Mx	.161	5.25
61	MP2B	X	-192.463	.25
62	MP2B	Z	-111.119	.25
63	MP2B	Mx	-.18	.25
64	MP2B	X	-192.463	5.25
65	MP2B	Z	-111.119	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2B	Mx	-.18	5.25
67	MP4A	X	-33.777	1.13
68	MP4A	Z	-19.501	1.13
69	MP4A	Mx	.017	1.13
70	MP4A	X	-33.777	3.13
71	MP4A	Z	-19.501	3.13
72	MP4A	Mx	.017	3.13
73	MP4B	X	-66.12	1.13
74	MP4B	Z	-38.175	1.13
75	MP4B	Mx	-.003	1.13
76	MP4B	X	-66.12	3.13
77	MP4B	Z	-38.175	3.13
78	MP4B	Mx	-.003	3.13
79	MP4C	X	-33.777	1.13
80	MP4C	Z	-19.501	1.13
81	MP4C	Mx	-.017	1.13
82	MP4C	X	-33.777	3.13
83	MP4C	Z	-19.501	3.13
84	MP4C	Mx	-.017	3.13
85	MP1A	X	-39.583	2
86	MP1A	Z	-22.853	2
87	MP1A	Mx	-.013	2
88	MP1B	X	-52.551	2
89	MP1B	Z	-30.34	2
90	MP1B	Mx	0	2
91	MP1C	X	-39.583	2
92	MP1C	Z	-22.853	2
93	MP1C	Mx	.013	2
94	MP2A	X	-37.04	2
95	MP2A	Z	-21.385	2
96	MP2A	Mx	-.012	2
97	MP2B	X	-52.551	2
98	MP2B	Z	-30.34	2
99	MP2B	Mx	0	2
100	MP2C	X	-37.04	2
101	MP2C	Z	-21.385	2
102	MP2C	Mx	.012	2
103	MP2A	X	-9.646	5
104	MP2A	Z	-5.569	5
105	MP2A	Mx	-.003	5
106	MP2B	X	-12.544	5
107	MP2B	Z	-7.242	5
108	MP2B	Mx	0	5
109	MP2C	X	-9.646	5
110	MP2C	Z	-5.569	5
111	MP2C	Mx	.003	5
112	OVP	X	-101.033	.75
113	OVP	Z	-58.331	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-9.423	6
2	MP2C	Z	-16.322	6
3	MP2C	Mx	.019	6
4	MP2C	X	-9.423	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2C	Z	-16.322	7
6	MP2C	Mx	.019	7
7	MP2C	X	-9.423	6
8	MP2C	Z	-16.322	6
9	MP2C	Mx	.019	6
10	MP2C	X	-9.423	7
11	MP2C	Z	-16.322	7
12	MP2C	Mx	.019	7
13	MP1A	X	-42.187	.25
14	MP1A	Z	-73.07	.25
15	MP1A	Mx	.021	.25
16	MP1A	X	-42.187	4
17	MP1A	Z	-73.07	4
18	MP1A	Mx	.021	4
19	MP1B	X	-42.187	.25
20	MP1B	Z	-73.07	.25
21	MP1B	Mx	.021	.25
22	MP1B	X	-42.187	4
23	MP1B	Z	-73.07	4
24	MP1B	Mx	.021	4
25	MP1C	X	-27.813	.25
26	MP1C	Z	-48.174	.25
27	MP1C	Mx	-.028	.25
28	MP1C	X	-27.813	4
29	MP1C	Z	-48.174	4
30	MP1C	Mx	-.028	4
31	MP2A	X	-81.511	.25
32	MP2A	Z	-141.18	.25
33	MP2A	Mx	-.042	.25
34	MP2A	X	-81.511	5.25
35	MP2A	Z	-141.18	5.25
36	MP2A	Mx	-.042	5.25
37	MP2C	X	-58.56	.25
38	MP2C	Z	-101.428	.25
39	MP2C	Mx	-.059	.25
40	MP2C	X	-58.56	5.25
41	MP2C	Z	-101.428	5.25
42	MP2C	Mx	-.059	5.25
43	MP2A	X	-81.511	.25
44	MP2A	Z	-141.18	.25
45	MP2A	Mx	.123	.25
46	MP2A	X	-81.511	5.25
47	MP2A	Z	-141.18	5.25
48	MP2A	Mx	.123	5.25
49	MP2C	X	-58.56	.25
50	MP2C	Z	-101.428	.25
51	MP2C	Mx	-.059	.25
52	MP2C	X	-58.56	5.25
53	MP2C	Z	-101.428	5.25
54	MP2C	Mx	-.059	5.25
55	MP2B	X	-100.881	.25
56	MP2B	Z	-174.731	.25
57	MP2B	Mx	.184	.25
58	MP2B	X	-100.881	5.25
59	MP2B	Z	-174.731	5.25
60	MP2B	Mx	.184	5.25
61	MP2B	X	-100.881	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP2B	Z	-174.731	.25
63	MP2B	Mx	-.098	.25
64	MP2B	X	-100.881	5.25
65	MP2B	Z	-174.731	5.25
66	MP2B	Mx	-.098	5.25
67	MP4A	X	-32.077	1.13
68	MP4A	Z	-55.56	1.13
69	MP4A	Mx	.016	1.13
70	MP4A	X	-32.077	3.13
71	MP4A	Z	-55.56	3.13
72	MP4A	Mx	.016	3.13
73	MP4B	X	-33.873	1.13
74	MP4B	Z	-58.67	1.13
75	MP4B	Mx	.014	1.13
76	MP4B	X	-33.873	3.13
77	MP4B	Z	-58.67	3.13
78	MP4B	Mx	.014	3.13
79	MP4C	X	-13.213	1.13
80	MP4C	Z	-22.885	1.13
81	MP4C	Mx	-.013	1.13
82	MP4C	X	-13.213	3.13
83	MP4C	Z	-22.885	3.13
84	MP4C	Mx	-.013	3.13
85	MP1A	X	-27.844	2
86	MP1A	Z	-48.228	2
87	MP1A	Mx	-.009	2
88	MP1B	X	-27.844	2
89	MP1B	Z	-48.228	2
90	MP1B	Mx	-.009	2
91	MP1C	X	-20.357	2
92	MP1C	Z	-35.26	2
93	MP1C	Mx	.014	2
94	MP2A	X	-27.355	2
95	MP2A	Z	-47.38	2
96	MP2A	Mx	-.009	2
97	MP2B	X	-27.355	2
98	MP2B	Z	-47.38	2
99	MP2B	Mx	-.009	2
100	MP2C	X	-18.4	2
101	MP2C	Z	-31.869	2
102	MP2C	Mx	.012	2
103	MP2A	X	-6.685	5
104	MP2A	Z	-11.578	5
105	MP2A	Mx	-.002	5
106	MP2B	X	-6.685	5
107	MP2B	Z	-11.578	5
108	MP2B	Mx	-.002	5
109	MP2C	X	-5.011	5
110	MP2C	Z	-8.679	5
111	MP2C	Mx	.003	5
112	OVP	X	-50.893	.75
113	OVP	Z	-88.149	.75
114	OVP	Mx	0	.75

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	6
2	MP2C	Z	-3.002	6
3	MP2C	Mx	.003	6
4	MP2C	X	0	7
5	MP2C	Z	-3.002	7
6	MP2C	Mx	.003	7
7	MP2C	X	0	6
8	MP2C	Z	-3.002	6
9	MP2C	Mx	.002	6
10	MP2C	X	0	7
11	MP2C	Z	-3.002	7
12	MP2C	Mx	.002	7
13	MP1A	X	0	.25
14	MP1A	Z	-15.698	.25
15	MP1A	Mx	0	.25
16	MP1A	X	0	4
17	MP1A	Z	-15.698	4
18	MP1A	Mx	0	4
19	MP1B	X	0	.25
20	MP1B	Z	-11.294	.25
21	MP1B	Mx	.005	.25
22	MP1B	X	0	4
23	MP1B	Z	-11.294	4
24	MP1B	Mx	.005	4
25	MP1C	X	0	.25
26	MP1C	Z	-11.294	.25
27	MP1C	Mx	-.005	.25
28	MP1C	X	0	4
29	MP1C	Z	-11.294	4
30	MP1C	Mx	-.005	4
31	MP2A	X	0	.25
32	MP2A	Z	-28.892	.25
33	MP2A	Mx	-.017	.25
34	MP2A	X	0	5.25
35	MP2A	Z	-28.892	5.25
36	MP2A	Mx	-.017	5.25
37	MP2C	X	0	.25
38	MP2C	Z	-22.002	.25
39	MP2C	Mx	-.003	.25
40	MP2C	X	0	5.25
41	MP2C	Z	-22.002	5.25
42	MP2C	Mx	-.003	5.25
43	MP2A	X	0	.25
44	MP2A	Z	-28.892	.25
45	MP2A	Mx	.017	.25
46	MP2A	X	0	5.25
47	MP2A	Z	-28.892	5.25
48	MP2A	Mx	.017	5.25
49	MP2C	X	0	.25
50	MP2C	Z	-22.002	.25
51	MP2C	Mx	-.016	.25
52	MP2C	X	0	5.25
53	MP2C	Z	-22.002	5.25
54	MP2C	Mx	-.016	5.25
55	MP2B	X	0	.25
56	MP2B	Z	-23.564	.25
57	MP2B	Mx	.02	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	0	5.25
59	MP2B	Z	-23.564	5.25
60	MP2B	Mx	.02	5.25
61	MP2B	X	0	.25
62	MP2B	Z	-23.564	.25
63	MP2B	Mx	-.000767	.25
64	MP2B	X	0	5.25
65	MP2B	Z	-23.564	5.25
66	MP2B	Mx	-.000767	5.25
67	MP4A	X	0	1.13
68	MP4A	Z	-15.365	1.13
69	MP4A	Mx	0	1.13
70	MP4A	X	0	3.13
71	MP4A	Z	-15.365	3.13
72	MP4A	Mx	0	3.13
73	MP4B	X	0	1.13
74	MP4B	Z	-9.444	1.13
75	MP4B	Mx	.004	1.13
76	MP4B	X	0	3.13
77	MP4B	Z	-9.444	3.13
78	MP4B	Mx	.004	3.13
79	MP4C	X	0	1.13
80	MP4C	Z	-8.748	1.13
81	MP4C	Mx	-.004	1.13
82	MP4C	X	0	3.13
83	MP4C	Z	-8.748	3.13
84	MP4C	Mx	-.004	3.13
85	MP1A	X	0	2
86	MP1A	Z	-12.946	2
87	MP1A	Mx	0	2
88	MP1B	X	0	2
89	MP1B	Z	-9.989	2
90	MP1B	Mx	-.003	2
91	MP1C	X	0	2
92	MP1C	Z	-9.989	2
93	MP1C	Mx	.003	2
94	MP2A	X	0	2
95	MP2A	Z	-12.946	2
96	MP2A	Mx	0	2
97	MP2B	X	0	2
98	MP2B	Z	-9.456	2
99	MP2B	Mx	-.003	2
100	MP2C	X	0	2
101	MP2C	Z	-9.456	2
102	MP2C	Mx	.003	2
103	MP2A	X	0	5
104	MP2A	Z	-3.139	5
105	MP2A	Mx	0	5
106	MP2B	X	0	5
107	MP2B	Z	-2.551	5
108	MP2B	Mx	-.000736	5
109	MP2C	X	0	5
110	MP2C	Z	-2.551	5
111	MP2C	Mx	.000736	5
112	OVP	X	0	.75
113	OVP	Z	-20.807	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	.947	6
2	MP2C	Z	-1.64	6
3	MP2C	Mx	.001	6
4	MP2C	X	.947	7
5	MP2C	Z	-1.64	7
6	MP2C	Mx	.001	7
7	MP2C	X	.947	6
8	MP2C	Z	-1.64	6
9	MP2C	Mx	.0004	6
10	MP2C	X	.947	7
11	MP2C	Z	-1.64	7
12	MP2C	Mx	.0004	7
13	MP1A	X	7.115	.25
14	MP1A	Z	-12.323	.25
15	MP1A	Mx	-.004	.25
16	MP1A	X	7.115	4
17	MP1A	Z	-12.323	4
18	MP1A	Mx	-.004	4
19	MP1B	X	4.913	.25
20	MP1B	Z	-8.51	.25
21	MP1B	Mx	.005	.25
22	MP1B	X	4.913	4
23	MP1B	Z	-8.51	4
24	MP1B	Mx	.005	4
25	MP1C	X	7.115	.25
26	MP1C	Z	-12.323	.25
27	MP1C	Mx	-.004	.25
28	MP1C	X	7.115	4
29	MP1C	Z	-12.323	4
30	MP1C	Mx	-.004	4
31	MP2A	X	13.298	.25
32	MP2A	Z	-23.032	.25
33	MP2A	Mx	-.02	.25
34	MP2A	X	13.298	5.25
35	MP2A	Z	-23.032	5.25
36	MP2A	Mx	-.02	5.25
37	MP2C	X	13.298	.25
38	MP2C	Z	-23.032	.25
39	MP2C	Mx	.007	.25
40	MP2C	X	13.298	5.25
41	MP2C	Z	-23.032	5.25
42	MP2C	Mx	.007	5.25
43	MP2A	X	13.298	.25
44	MP2A	Z	-23.032	.25
45	MP2A	Mx	.007	.25
46	MP2A	X	13.298	5.25
47	MP2A	Z	-23.032	5.25
48	MP2A	Mx	.007	5.25
49	MP2C	X	13.298	.25
50	MP2C	Z	-23.032	.25
51	MP2C	Mx	-.02	.25
52	MP2C	X	13.298	5.25
53	MP2C	Z	-23.032	5.25
54	MP2C	Mx	-.02	5.25
55	MP2B	X	8.873	.25
56	MP2B	Z	-15.369	.25
57	MP2B	Mx	.01	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	8.873	5.25
59	MP2B	Z	-15.369	5.25
60	MP2B	Mx	.01	5.25
61	MP2B	X	8.873	.25
62	MP2B	Z	-15.369	.25
63	MP2B	Mx	.008	.25
64	MP2B	X	8.873	5.25
65	MP2B	Z	-15.369	5.25
66	MP2B	Mx	.008	5.25
67	MP4A	X	6.579	1.13
68	MP4A	Z	-11.396	1.13
69	MP4A	Mx	-.003	1.13
70	MP4A	X	6.579	3.13
71	MP4A	Z	-11.396	3.13
72	MP4A	Mx	-.003	3.13
73	MP4B	X	3.304	1.13
74	MP4B	Z	-5.723	1.13
75	MP4B	Mx	.003	1.13
76	MP4B	X	3.304	3.13
77	MP4B	Z	-5.723	3.13
78	MP4B	Mx	.003	3.13
79	MP4C	X	6.579	1.13
80	MP4C	Z	-11.396	1.13
81	MP4C	Mx	-.003	1.13
82	MP4C	X	6.579	3.13
83	MP4C	Z	-11.396	3.13
84	MP4C	Mx	-.003	3.13
85	MP1A	X	5.98	2
86	MP1A	Z	-10.358	2
87	MP1A	Mx	.002	2
88	MP1B	X	4.502	2
89	MP1B	Z	-7.797	2
90	MP1B	Mx	-.003	2
91	MP1C	X	5.98	2
92	MP1C	Z	-10.358	2
93	MP1C	Mx	.002	2
94	MP2A	X	5.891	2
95	MP2A	Z	-10.204	2
96	MP2A	Mx	.002	2
97	MP2B	X	4.147	2
98	MP2B	Z	-7.182	2
99	MP2B	Mx	-.003	2
100	MP2C	X	5.891	2
101	MP2C	Z	-10.204	2
102	MP2C	Mx	.002	2
103	MP2A	X	1.471	5
104	MP2A	Z	-2.549	5
105	MP2A	Mx	.00049	5
106	MP2B	X	1.177	5
107	MP2B	Z	-2.039	5
108	MP2B	Mx	-.000785	5
109	MP2C	X	1.471	5
110	MP2C	Z	-2.549	5
111	MP2C	Mx	.000491	5
112	OVP	X	11.129	.75
113	OVP	Z	-19.276	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	1.159	6
2	MP2C	Z	-.669	6
3	MP2C	Mx	.000446	6
4	MP2C	X	1.159	7
5	MP2C	Z	-.669	7
6	MP2C	Mx	.000446	7
7	MP2C	X	1.159	6
8	MP2C	Z	-.669	6
9	MP2C	Mx	-.000446	6
10	MP2C	X	1.159	7
11	MP2C	Z	-.669	7
12	MP2C	Mx	-.000446	7
13	MP1A	X	9.781	.25
14	MP1A	Z	-5.647	.25
15	MP1A	Mx	-.005	.25
16	MP1A	X	9.781	4
17	MP1A	Z	-5.647	4
18	MP1A	Mx	-.005	4
19	MP1B	X	9.781	.25
20	MP1B	Z	-5.647	.25
21	MP1B	Mx	.005	.25
22	MP1B	X	9.781	4
23	MP1B	Z	-5.647	4
24	MP1B	Mx	.005	4
25	MP1C	X	13.594	.25
26	MP1C	Z	-7.849	.25
27	MP1C	Mx	0	.25
28	MP1C	X	13.594	4
29	MP1C	Z	-7.849	4
30	MP1C	Mx	0	4
31	MP2A	X	19.054	.25
32	MP2A	Z	-11.001	.25
33	MP2A	Mx	-.016	.25
34	MP2A	X	19.054	5.25
35	MP2A	Z	-11.001	5.25
36	MP2A	Mx	-.016	5.25
37	MP2C	X	25.021	.25
38	MP2C	Z	-14.446	.25
39	MP2C	Mx	.017	.25
40	MP2C	X	25.021	5.25
41	MP2C	Z	-14.446	5.25
42	MP2C	Mx	.017	5.25
43	MP2A	X	19.054	.25
44	MP2A	Z	-11.001	.25
45	MP2A	Mx	-.003	.25
46	MP2A	X	19.054	5.25
47	MP2A	Z	-11.001	5.25
48	MP2A	Mx	-.003	5.25
49	MP2C	X	25.021	.25
50	MP2C	Z	-14.446	.25
51	MP2C	Mx	-.017	.25
52	MP2C	X	25.021	5.25
53	MP2C	Z	-14.446	5.25
54	MP2C	Mx	-.017	5.25
55	MP2B	X	18.049	.25
56	MP2B	Z	-10.421	.25
57	MP2B	Mx	.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	18.049	5.25
59	MP2B	Z	-10.421	5.25
60	MP2B	Mx	.003	5.25
61	MP2B	X	18.049	.25
62	MP2B	Z	-10.421	.25
63	MP2B	Mx	.016	.25
64	MP2B	X	18.049	5.25
65	MP2B	Z	-10.421	5.25
66	MP2B	Mx	.016	5.25
67	MP4A	X	7.576	1.13
68	MP4A	Z	-4.374	1.13
69	MP4A	Mx	-.004	1.13
70	MP4A	X	7.576	3.13
71	MP4A	Z	-4.374	3.13
72	MP4A	Mx	-.004	3.13
73	MP4B	X	7.03	1.13
74	MP4B	Z	-4.059	1.13
75	MP4B	Mx	.004	1.13
76	MP4B	X	7.03	3.13
77	MP4B	Z	-4.059	3.13
78	MP4B	Mx	.004	3.13
79	MP4C	X	13.306	1.13
80	MP4C	Z	-7.682	1.13
81	MP4C	Mx	0	1.13
82	MP4C	X	13.306	3.13
83	MP4C	Z	-7.682	3.13
84	MP4C	Mx	0	3.13
85	MP1A	X	8.65	2
86	MP1A	Z	-4.994	2
87	MP1A	Mx	.003	2
88	MP1B	X	8.65	2
89	MP1B	Z	-4.994	2
90	MP1B	Mx	-.003	2
91	MP1C	X	11.211	2
92	MP1C	Z	-6.473	2
93	MP1C	Mx	0	2
94	MP2A	X	8.19	2
95	MP2A	Z	-4.728	2
96	MP2A	Mx	.003	2
97	MP2B	X	8.19	2
98	MP2B	Z	-4.728	2
99	MP2B	Mx	-.003	2
100	MP2C	X	11.211	2
101	MP2C	Z	-6.473	2
102	MP2C	Mx	0	2
103	MP2A	X	2.209	5
104	MP2A	Z	-1.275	5
105	MP2A	Mx	.000736	5
106	MP2B	X	2.209	5
107	MP2B	Z	-1.275	5
108	MP2B	Mx	-.000736	5
109	MP2C	X	2.719	5
110	MP2C	Z	-1.57	5
111	MP2C	Mx	0	5
112	OVP	X	21.79	.75
113	OVP	Z	-12.58	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	1.893	6
2	MP2C	Z	0	6
3	MP2C	Mx	-.0004	6
4	MP2C	X	1.893	7
5	MP2C	Z	0	7
6	MP2C	Mx	-.0004	7
7	MP2C	X	1.893	6
8	MP2C	Z	0	6
9	MP2C	Mx	-.001	6
10	MP2C	X	1.893	7
11	MP2C	Z	0	7
12	MP2C	Mx	-.001	7
13	MP1A	X	9.827	.25
14	MP1A	Z	0	.25
15	MP1A	Mx	-.005	.25
16	MP1A	X	9.827	4
17	MP1A	Z	0	4
18	MP1A	Mx	-.005	4
19	MP1B	X	14.23	.25
20	MP1B	Z	0	.25
21	MP1B	Mx	.004	.25
22	MP1B	X	14.23	4
23	MP1B	Z	0	4
24	MP1B	Mx	.004	4
25	MP1C	X	14.23	.25
26	MP1C	Z	0	.25
27	MP1C	Mx	.004	.25
28	MP1C	X	14.23	4
29	MP1C	Z	0	4
30	MP1C	Mx	.004	4
31	MP2A	X	19.705	.25
32	MP2A	Z	0	.25
33	MP2A	Mx	-.01	.25
34	MP2A	X	19.705	5.25
35	MP2A	Z	0	5.25
36	MP2A	Mx	-.01	5.25
37	MP2C	X	26.596	.25
38	MP2C	Z	0	.25
39	MP2C	Mx	.02	.25
40	MP2C	X	26.596	5.25
41	MP2C	Z	0	5.25
42	MP2C	Mx	.02	5.25
43	MP2A	X	19.705	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	-.01	.25
46	MP2A	X	19.705	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	-.01	5.25
49	MP2C	X	26.596	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	-.007	.25
52	MP2C	X	26.596	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	-.007	5.25
55	MP2B	X	29.754	.25
56	MP2B	Z	0	.25
57	MP2B	Mx	-.01	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	29.754	5.25
59	MP2B	Z	0	5.25
60	MP2B	Mx	-.01	5.25
61	MP2B	X	29.754	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.027	.25
64	MP2B	X	29.754	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	.027	5.25
67	MP4A	X	6.542	1.13
68	MP4A	Z	0	1.13
69	MP4A	Mx	-.003	1.13
70	MP4A	X	6.542	3.13
71	MP4A	Z	0	3.13
72	MP4A	Mx	-.003	3.13
73	MP4B	X	12.462	1.13
74	MP4B	Z	0	1.13
75	MP4B	Mx	.004	1.13
76	MP4B	X	12.462	3.13
77	MP4B	Z	0	3.13
78	MP4B	Mx	.004	3.13
79	MP4C	X	13.159	1.13
80	MP4C	Z	0	1.13
81	MP4C	Mx	.003	1.13
82	MP4C	X	13.159	3.13
83	MP4C	Z	0	3.13
84	MP4C	Mx	.003	3.13
85	MP1A	X	9.003	2
86	MP1A	Z	0	2
87	MP1A	Mx	.003	2
88	MP1B	X	11.96	2
89	MP1B	Z	0	2
90	MP1B	Mx	-.002	2
91	MP1C	X	11.96	2
92	MP1C	Z	0	2
93	MP1C	Mx	-.002	2
94	MP2A	X	8.293	2
95	MP2A	Z	0	2
96	MP2A	Mx	.003	2
97	MP2B	X	11.783	2
98	MP2B	Z	0	2
99	MP2B	Mx	-.002	2
100	MP2C	X	11.783	2
101	MP2C	Z	0	2
102	MP2C	Mx	-.002	2
103	MP2A	X	2.355	5
104	MP2A	Z	0	5
105	MP2A	Mx	.000785	5
106	MP2B	X	2.943	5
107	MP2B	Z	0	5
108	MP2B	Mx	-.000491	5
109	MP2C	X	2.943	5
110	MP2C	Z	0	5
111	MP2C	Mx	-.000491	5
112	OVP	X	26.612	.75
113	OVP	Z	0	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	2.6	6
2	MP2C	Z	1.501	6
3	MP2C	Mx	-.002	6
4	MP2C	X	2.6	7
5	MP2C	Z	1.501	7
6	MP2C	Mx	-.002	7
7	MP2C	X	2.6	6
8	MP2C	Z	1.501	6
9	MP2C	Mx	-.003	6
10	MP2C	X	2.6	7
11	MP2C	Z	1.501	7
12	MP2C	Mx	-.003	7
13	MP1A	X	9.781	.25
14	MP1A	Z	5.647	.25
15	MP1A	Mx	-.005	.25
16	MP1A	X	9.781	4
17	MP1A	Z	5.647	4
18	MP1A	Mx	-.005	4
19	MP1B	X	13.594	.25
20	MP1B	Z	7.849	.25
21	MP1B	Mx	0	.25
22	MP1B	X	13.594	4
23	MP1B	Z	7.849	4
24	MP1B	Mx	0	4
25	MP1C	X	9.781	.25
26	MP1C	Z	5.647	.25
27	MP1C	Mx	.005	.25
28	MP1C	X	9.781	4
29	MP1C	Z	5.647	4
30	MP1C	Mx	.005	4
31	MP2A	X	19.054	.25
32	MP2A	Z	11.001	.25
33	MP2A	Mx	-.003	.25
34	MP2A	X	19.054	5.25
35	MP2A	Z	11.001	5.25
36	MP2A	Mx	-.003	5.25
37	MP2C	X	19.054	.25
38	MP2C	Z	11.001	.25
39	MP2C	Mx	.016	.25
40	MP2C	X	19.054	5.25
41	MP2C	Z	11.001	5.25
42	MP2C	Mx	.016	5.25
43	MP2A	X	19.054	.25
44	MP2A	Z	11.001	.25
45	MP2A	Mx	-.016	.25
46	MP2A	X	19.054	5.25
47	MP2A	Z	11.001	5.25
48	MP2A	Mx	-.016	5.25
49	MP2C	X	19.054	.25
50	MP2C	Z	11.001	.25
51	MP2C	Mx	.003	.25
52	MP2C	X	19.054	5.25
53	MP2C	Z	11.001	5.25
54	MP2C	Mx	.003	5.25
55	MP2B	X	30.806	.25
56	MP2B	Z	17.786	.25
57	MP2B	Mx	-.026	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	30.806	5.25
59	MP2B	Z	17.786	5.25
60	MP2B	Mx	-.026	5.25
61	MP2B	X	30.806	.25
62	MP2B	Z	17.786	.25
63	MP2B	Mx	.029	.25
64	MP2B	X	30.806	5.25
65	MP2B	Z	17.786	5.25
66	MP2B	Mx	.029	5.25
67	MP4A	X	7.576	1.13
68	MP4A	Z	4.374	1.13
69	MP4A	Mx	-.004	1.13
70	MP4A	X	7.576	3.13
71	MP4A	Z	4.374	3.13
72	MP4A	Mx	-.004	3.13
73	MP4B	X	13.248	1.13
74	MP4B	Z	7.649	1.13
75	MP4B	Mx	.000667	1.13
76	MP4B	X	13.248	3.13
77	MP4B	Z	7.649	3.13
78	MP4B	Mx	.000667	3.13
79	MP4C	X	7.576	1.13
80	MP4C	Z	4.374	1.13
81	MP4C	Mx	.004	1.13
82	MP4C	X	7.576	3.13
83	MP4C	Z	4.374	3.13
84	MP4C	Mx	.004	3.13
85	MP1A	X	8.65	2
86	MP1A	Z	4.994	2
87	MP1A	Mx	.003	2
88	MP1B	X	11.211	2
89	MP1B	Z	6.473	2
90	MP1B	Mx	0	2
91	MP1C	X	8.65	2
92	MP1C	Z	4.994	2
93	MP1C	Mx	-.003	2
94	MP2A	X	8.19	2
95	MP2A	Z	4.728	2
96	MP2A	Mx	.003	2
97	MP2B	X	11.211	2
98	MP2B	Z	6.473	2
99	MP2B	Mx	0	2
100	MP2C	X	8.19	2
101	MP2C	Z	4.728	2
102	MP2C	Mx	-.003	2
103	MP2A	X	2.209	5
104	MP2A	Z	1.275	5
105	MP2A	Mx	.000736	5
106	MP2B	X	2.719	5
107	MP2B	Z	1.57	5
108	MP2B	Mx	0	5
109	MP2C	X	2.209	5
110	MP2C	Z	1.275	5
111	MP2C	Mx	-.000736	5
112	OVP	X	21.79	.75
113	OVP	Z	12.58	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	1.778	6
2	MP2C	Z	3.08	6
3	MP2C	Mx	-.004	6
4	MP2C	X	1.778	7
5	MP2C	Z	3.08	7
6	MP2C	Mx	-.004	7
7	MP2C	X	1.778	6
8	MP2C	Z	3.08	6
9	MP2C	Mx	-.004	6
10	MP2C	X	1.778	7
11	MP2C	Z	3.08	7
12	MP2C	Mx	-.004	7
13	MP1A	X	7.115	.25
14	MP1A	Z	12.323	.25
15	MP1A	Mx	-.004	.25
16	MP1A	X	7.115	4
17	MP1A	Z	12.323	4
18	MP1A	Mx	-.004	4
19	MP1B	X	7.115	.25
20	MP1B	Z	12.323	.25
21	MP1B	Mx	-.004	.25
22	MP1B	X	7.115	4
23	MP1B	Z	12.323	4
24	MP1B	Mx	-.004	4
25	MP1C	X	4.913	.25
26	MP1C	Z	8.51	.25
27	MP1C	Mx	.005	.25
28	MP1C	X	4.913	4
29	MP1C	Z	8.51	4
30	MP1C	Mx	.005	4
31	MP2A	X	13.298	.25
32	MP2A	Z	23.032	.25
33	MP2A	Mx	.007	.25
34	MP2A	X	13.298	5.25
35	MP2A	Z	23.032	5.25
36	MP2A	Mx	.007	5.25
37	MP2C	X	9.853	.25
38	MP2C	Z	17.065	.25
39	MP2C	Mx	.01	.25
40	MP2C	X	9.853	5.25
41	MP2C	Z	17.065	5.25
42	MP2C	Mx	.01	5.25
43	MP2A	X	13.298	.25
44	MP2A	Z	23.032	.25
45	MP2A	Mx	-.02	.25
46	MP2A	X	13.298	5.25
47	MP2A	Z	23.032	5.25
48	MP2A	Mx	-.02	5.25
49	MP2C	X	9.853	.25
50	MP2C	Z	17.065	.25
51	MP2C	Mx	.01	.25
52	MP2C	X	9.853	5.25
53	MP2C	Z	17.065	5.25
54	MP2C	Mx	.01	5.25
55	MP2B	X	16.238	.25
56	MP2B	Z	28.125	.25
57	MP2B	Mx	-.03	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	16.238	5.25
59	MP2B	Z	28.125	5.25
60	MP2B	Mx	-.03	5.25
61	MP2B	X	16.238	.25
62	MP2B	Z	28.125	.25
63	MP2B	Mx	.016	.25
64	MP2B	X	16.238	5.25
65	MP2B	Z	28.125	5.25
66	MP2B	Mx	.016	5.25
67	MP4A	X	6.579	1.13
68	MP4A	Z	11.396	1.13
69	MP4A	Mx	-.003	1.13
70	MP4A	X	6.579	3.13
71	MP4A	Z	11.396	3.13
72	MP4A	Mx	-.003	3.13
73	MP4B	X	6.894	1.13
74	MP4B	Z	11.942	1.13
75	MP4B	Mx	-.003	1.13
76	MP4B	X	6.894	3.13
77	MP4B	Z	11.942	3.13
78	MP4B	Mx	-.003	3.13
79	MP4C	X	3.271	1.13
80	MP4C	Z	5.665	1.13
81	MP4C	Mx	.003	1.13
82	MP4C	X	3.271	3.13
83	MP4C	Z	5.665	3.13
84	MP4C	Mx	.003	3.13
85	MP1A	X	5.98	2
86	MP1A	Z	10.358	2
87	MP1A	Mx	.002	2
88	MP1B	X	5.98	2
89	MP1B	Z	10.358	2
90	MP1B	Mx	.002	2
91	MP1C	X	4.502	2
92	MP1C	Z	7.797	2
93	MP1C	Mx	-.003	2
94	MP2A	X	5.891	2
95	MP2A	Z	10.204	2
96	MP2A	Mx	.002	2
97	MP2B	X	5.891	2
98	MP2B	Z	10.204	2
99	MP2B	Mx	.002	2
100	MP2C	X	4.147	2
101	MP2C	Z	7.182	2
102	MP2C	Mx	-.003	2
103	MP2A	X	1.471	5
104	MP2A	Z	2.549	5
105	MP2A	Mx	.00049	5
106	MP2B	X	1.471	5
107	MP2B	Z	2.549	5
108	MP2B	Mx	.000491	5
109	MP2C	X	1.177	5
110	MP2C	Z	2.039	5
111	MP2C	Mx	-.000785	5
112	OVP	X	11.129	.75
113	OVP	Z	19.276	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	6
2	MP2C	Z	3.002	6
3	MP2C	Mx	-.003	6
4	MP2C	X	0	7
5	MP2C	Z	3.002	7
6	MP2C	Mx	-.003	7
7	MP2C	X	0	6
8	MP2C	Z	3.002	6
9	MP2C	Mx	-.002	6
10	MP2C	X	0	7
11	MP2C	Z	3.002	7
12	MP2C	Mx	-.002	7
13	MP1A	X	0	.25
14	MP1A	Z	15.698	.25
15	MP1A	Mx	0	.25
16	MP1A	X	0	4
17	MP1A	Z	15.698	4
18	MP1A	Mx	0	4
19	MP1B	X	0	.25
20	MP1B	Z	11.294	.25
21	MP1B	Mx	-.005	.25
22	MP1B	X	0	4
23	MP1B	Z	11.294	4
24	MP1B	Mx	-.005	4
25	MP1C	X	0	.25
26	MP1C	Z	11.294	.25
27	MP1C	Mx	.005	.25
28	MP1C	X	0	4
29	MP1C	Z	11.294	4
30	MP1C	Mx	.005	4
31	MP2A	X	0	.25
32	MP2A	Z	28.892	.25
33	MP2A	Mx	.017	.25
34	MP2A	X	0	5.25
35	MP2A	Z	28.892	5.25
36	MP2A	Mx	.017	5.25
37	MP2C	X	0	.25
38	MP2C	Z	22.002	.25
39	MP2C	Mx	.003	.25
40	MP2C	X	0	5.25
41	MP2C	Z	22.002	5.25
42	MP2C	Mx	.003	5.25
43	MP2A	X	0	.25
44	MP2A	Z	28.892	.25
45	MP2A	Mx	-.017	.25
46	MP2A	X	0	5.25
47	MP2A	Z	28.892	5.25
48	MP2A	Mx	-.017	5.25
49	MP2C	X	0	.25
50	MP2C	Z	22.002	.25
51	MP2C	Mx	.016	.25
52	MP2C	X	0	5.25
53	MP2C	Z	22.002	5.25
54	MP2C	Mx	.016	5.25
55	MP2B	X	0	.25
56	MP2B	Z	23.564	.25
57	MP2B	Mx	-.02	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	0	5.25
59	MP2B	Z	23.564	5.25
60	MP2B	Mx	-.02	5.25
61	MP2B	X	0	.25
62	MP2B	Z	23.564	.25
63	MP2B	Mx	.000767	.25
64	MP2B	X	0	5.25
65	MP2B	Z	23.564	5.25
66	MP2B	Mx	.000767	5.25
67	MP4A	X	0	1.13
68	MP4A	Z	15.365	1.13
69	MP4A	Mx	0	1.13
70	MP4A	X	0	3.13
71	MP4A	Z	15.365	3.13
72	MP4A	Mx	0	3.13
73	MP4B	X	0	1.13
74	MP4B	Z	9.444	1.13
75	MP4B	Mx	-.004	1.13
76	MP4B	X	0	3.13
77	MP4B	Z	9.444	3.13
78	MP4B	Mx	-.004	3.13
79	MP4C	X	0	1.13
80	MP4C	Z	8.748	1.13
81	MP4C	Mx	.004	1.13
82	MP4C	X	0	3.13
83	MP4C	Z	8.748	3.13
84	MP4C	Mx	.004	3.13
85	MP1A	X	0	2
86	MP1A	Z	12.946	2
87	MP1A	Mx	0	2
88	MP1B	X	0	2
89	MP1B	Z	9.989	2
90	MP1B	Mx	.003	2
91	MP1C	X	0	2
92	MP1C	Z	9.989	2
93	MP1C	Mx	-.003	2
94	MP2A	X	0	2
95	MP2A	Z	12.946	2
96	MP2A	Mx	0	2
97	MP2B	X	0	2
98	MP2B	Z	9.456	2
99	MP2B	Mx	.003	2
100	MP2C	X	0	2
101	MP2C	Z	9.456	2
102	MP2C	Mx	-.003	2
103	MP2A	X	0	5
104	MP2A	Z	3.139	5
105	MP2A	Mx	0	5
106	MP2B	X	0	5
107	MP2B	Z	2.551	5
108	MP2B	Mx	.000736	5
109	MP2C	X	0	5
110	MP2C	Z	2.551	5
111	MP2C	Mx	-.000736	5
112	OVP	X	0	.75
113	OVP	Z	20.807	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-.947	6
2	MP2C	Z	1.64	6
3	MP2C	Mx	-.001	6
4	MP2C	X	-.947	7
5	MP2C	Z	1.64	7
6	MP2C	Mx	-.001	7
7	MP2C	X	-.947	6
8	MP2C	Z	1.64	6
9	MP2C	Mx	-.0004	6
10	MP2C	X	-.947	7
11	MP2C	Z	1.64	7
12	MP2C	Mx	-.0004	7
13	MP1A	X	-7.115	.25
14	MP1A	Z	12.323	.25
15	MP1A	Mx	.004	.25
16	MP1A	X	-7.115	4
17	MP1A	Z	12.323	4
18	MP1A	Mx	.004	4
19	MP1B	X	-4.913	.25
20	MP1B	Z	8.51	.25
21	MP1B	Mx	-.005	.25
22	MP1B	X	-4.913	4
23	MP1B	Z	8.51	4
24	MP1B	Mx	-.005	4
25	MP1C	X	-7.115	.25
26	MP1C	Z	12.323	.25
27	MP1C	Mx	.004	.25
28	MP1C	X	-7.115	4
29	MP1C	Z	12.323	4
30	MP1C	Mx	.004	4
31	MP2A	X	-13.298	.25
32	MP2A	Z	23.032	.25
33	MP2A	Mx	.02	.25
34	MP2A	X	-13.298	5.25
35	MP2A	Z	23.032	5.25
36	MP2A	Mx	.02	5.25
37	MP2C	X	-13.298	.25
38	MP2C	Z	23.032	.25
39	MP2C	Mx	-.007	.25
40	MP2C	X	-13.298	5.25
41	MP2C	Z	23.032	5.25
42	MP2C	Mx	-.007	5.25
43	MP2A	X	-13.298	.25
44	MP2A	Z	23.032	.25
45	MP2A	Mx	-.007	.25
46	MP2A	X	-13.298	5.25
47	MP2A	Z	23.032	5.25
48	MP2A	Mx	-.007	5.25
49	MP2C	X	-13.298	.25
50	MP2C	Z	23.032	.25
51	MP2C	Mx	.02	.25
52	MP2C	X	-13.298	5.25
53	MP2C	Z	23.032	5.25
54	MP2C	Mx	.02	5.25
55	MP2B	X	-8.873	.25
56	MP2B	Z	15.369	.25
57	MP2B	Mx	-.01	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-8.873	5.25
59	MP2B	Z	15.369	5.25
60	MP2B	Mx	-.01	5.25
61	MP2B	X	-8.873	.25
62	MP2B	Z	15.369	.25
63	MP2B	Mx	-.008	.25
64	MP2B	X	-8.873	5.25
65	MP2B	Z	15.369	5.25
66	MP2B	Mx	-.008	5.25
67	MP4A	X	-6.579	1.13
68	MP4A	Z	11.396	1.13
69	MP4A	Mx	.003	1.13
70	MP4A	X	-6.579	3.13
71	MP4A	Z	11.396	3.13
72	MP4A	Mx	.003	3.13
73	MP4B	X	-3.304	1.13
74	MP4B	Z	5.723	1.13
75	MP4B	Mx	-.003	1.13
76	MP4B	X	-3.304	3.13
77	MP4B	Z	5.723	3.13
78	MP4B	Mx	-.003	3.13
79	MP4C	X	-6.579	1.13
80	MP4C	Z	11.396	1.13
81	MP4C	Mx	.003	1.13
82	MP4C	X	-6.579	3.13
83	MP4C	Z	11.396	3.13
84	MP4C	Mx	.003	3.13
85	MP1A	X	-5.98	2
86	MP1A	Z	10.358	2
87	MP1A	Mx	-.002	2
88	MP1B	X	-4.502	2
89	MP1B	Z	7.797	2
90	MP1B	Mx	.003	2
91	MP1C	X	-5.98	2
92	MP1C	Z	10.358	2
93	MP1C	Mx	-.002	2
94	MP2A	X	-5.891	2
95	MP2A	Z	10.204	2
96	MP2A	Mx	-.002	2
97	MP2B	X	-4.147	2
98	MP2B	Z	7.182	2
99	MP2B	Mx	.003	2
100	MP2C	X	-5.891	2
101	MP2C	Z	10.204	2
102	MP2C	Mx	-.002	2
103	MP2A	X	-1.471	5
104	MP2A	Z	2.549	5
105	MP2A	Mx	-.00049	5
106	MP2B	X	-1.177	5
107	MP2B	Z	2.039	5
108	MP2B	Mx	.000785	5
109	MP2C	X	-1.471	5
110	MP2C	Z	2.549	5
111	MP2C	Mx	-.000491	5
112	OVP	X	-11.129	.75
113	OVP	Z	19.276	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-1.159	6
2	MP2C	Z	.669	6
3	MP2C	Mx	-.000446	6
4	MP2C	X	-1.159	7
5	MP2C	Z	.669	7
6	MP2C	Mx	-.000446	7
7	MP2C	X	-1.159	6
8	MP2C	Z	.669	6
9	MP2C	Mx	.000446	6
10	MP2C	X	-1.159	7
11	MP2C	Z	.669	7
12	MP2C	Mx	.000446	7
13	MP1A	X	-9.781	.25
14	MP1A	Z	5.647	.25
15	MP1A	Mx	.005	.25
16	MP1A	X	-9.781	4
17	MP1A	Z	5.647	4
18	MP1A	Mx	.005	4
19	MP1B	X	-9.781	.25
20	MP1B	Z	5.647	.25
21	MP1B	Mx	-.005	.25
22	MP1B	X	-9.781	4
23	MP1B	Z	5.647	4
24	MP1B	Mx	-.005	4
25	MP1C	X	-13.594	.25
26	MP1C	Z	7.849	.25
27	MP1C	Mx	0	.25
28	MP1C	X	-13.594	4
29	MP1C	Z	7.849	4
30	MP1C	Mx	0	4
31	MP2A	X	-19.054	.25
32	MP2A	Z	11.001	.25
33	MP2A	Mx	.016	.25
34	MP2A	X	-19.054	5.25
35	MP2A	Z	11.001	5.25
36	MP2A	Mx	.016	5.25
37	MP2C	X	-25.021	.25
38	MP2C	Z	14.446	.25
39	MP2C	Mx	-.017	.25
40	MP2C	X	-25.021	5.25
41	MP2C	Z	14.446	5.25
42	MP2C	Mx	-.017	5.25
43	MP2A	X	-19.054	.25
44	MP2A	Z	11.001	.25
45	MP2A	Mx	.003	.25
46	MP2A	X	-19.054	5.25
47	MP2A	Z	11.001	5.25
48	MP2A	Mx	.003	5.25
49	MP2C	X	-25.021	.25
50	MP2C	Z	14.446	.25
51	MP2C	Mx	.017	.25
52	MP2C	X	-25.021	5.25
53	MP2C	Z	14.446	5.25
54	MP2C	Mx	.017	5.25
55	MP2B	X	-18.049	.25
56	MP2B	Z	10.421	.25
57	MP2B	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-18.049	5.25
59	MP2B	Z	10.421	5.25
60	MP2B	Mx	-.003	5.25
61	MP2B	X	-18.049	.25
62	MP2B	Z	10.421	.25
63	MP2B	Mx	-.016	.25
64	MP2B	X	-18.049	5.25
65	MP2B	Z	10.421	5.25
66	MP2B	Mx	-.016	5.25
67	MP4A	X	-7.576	1.13
68	MP4A	Z	4.374	1.13
69	MP4A	Mx	.004	1.13
70	MP4A	X	-7.576	3.13
71	MP4A	Z	4.374	3.13
72	MP4A	Mx	.004	3.13
73	MP4B	X	-7.03	1.13
74	MP4B	Z	4.059	1.13
75	MP4B	Mx	-.004	1.13
76	MP4B	X	-7.03	3.13
77	MP4B	Z	4.059	3.13
78	MP4B	Mx	-.004	3.13
79	MP4C	X	-13.306	1.13
80	MP4C	Z	7.682	1.13
81	MP4C	Mx	0	1.13
82	MP4C	X	-13.306	3.13
83	MP4C	Z	7.682	3.13
84	MP4C	Mx	0	3.13
85	MP1A	X	-8.65	2
86	MP1A	Z	4.994	2
87	MP1A	Mx	-.003	2
88	MP1B	X	-8.65	2
89	MP1B	Z	4.994	2
90	MP1B	Mx	.003	2
91	MP1C	X	-11.211	2
92	MP1C	Z	6.473	2
93	MP1C	Mx	0	2
94	MP2A	X	-8.19	2
95	MP2A	Z	4.728	2
96	MP2A	Mx	-.003	2
97	MP2B	X	-8.19	2
98	MP2B	Z	4.728	2
99	MP2B	Mx	.003	2
100	MP2C	X	-11.211	2
101	MP2C	Z	6.473	2
102	MP2C	Mx	0	2
103	MP2A	X	-2.209	5
104	MP2A	Z	1.275	5
105	MP2A	Mx	-.000736	5
106	MP2B	X	-2.209	5
107	MP2B	Z	1.275	5
108	MP2B	Mx	.000736	5
109	MP2C	X	-2.719	5
110	MP2C	Z	1.57	5
111	MP2C	Mx	0	5
112	OVP	X	-21.79	.75
113	OVP	Z	12.58	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-1.893	6
2	MP2C	Z	0	6
3	MP2C	Mx	.0004	6
4	MP2C	X	-1.893	7
5	MP2C	Z	0	7
6	MP2C	Mx	.0004	7
7	MP2C	X	-1.893	6
8	MP2C	Z	0	6
9	MP2C	Mx	.001	6
10	MP2C	X	-1.893	7
11	MP2C	Z	0	7
12	MP2C	Mx	.001	7
13	MP1A	X	-9.827	.25
14	MP1A	Z	0	.25
15	MP1A	Mx	.005	.25
16	MP1A	X	-9.827	4
17	MP1A	Z	0	4
18	MP1A	Mx	.005	4
19	MP1B	X	-14.23	.25
20	MP1B	Z	0	.25
21	MP1B	Mx	-.004	.25
22	MP1B	X	-14.23	4
23	MP1B	Z	0	4
24	MP1B	Mx	-.004	4
25	MP1C	X	-14.23	.25
26	MP1C	Z	0	.25
27	MP1C	Mx	-.004	.25
28	MP1C	X	-14.23	4
29	MP1C	Z	0	4
30	MP1C	Mx	-.004	4
31	MP2A	X	-19.705	.25
32	MP2A	Z	0	.25
33	MP2A	Mx	.01	.25
34	MP2A	X	-19.705	5.25
35	MP2A	Z	0	5.25
36	MP2A	Mx	.01	5.25
37	MP2C	X	-26.596	.25
38	MP2C	Z	0	.25
39	MP2C	Mx	-.02	.25
40	MP2C	X	-26.596	5.25
41	MP2C	Z	0	5.25
42	MP2C	Mx	-.02	5.25
43	MP2A	X	-19.705	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	.01	.25
46	MP2A	X	-19.705	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	.01	5.25
49	MP2C	X	-26.596	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.007	.25
52	MP2C	X	-26.596	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	.007	5.25
55	MP2B	X	-29.754	.25
56	MP2B	Z	0	.25
57	MP2B	Mx	.01	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-29.754	5.25
59	MP2B	Z	0	5.25
60	MP2B	Mx	.01	5.25
61	MP2B	X	-29.754	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.027	.25
64	MP2B	X	-29.754	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	-.027	5.25
67	MP4A	X	-6.542	1.13
68	MP4A	Z	0	1.13
69	MP4A	Mx	.003	1.13
70	MP4A	X	-6.542	3.13
71	MP4A	Z	0	3.13
72	MP4A	Mx	.003	3.13
73	MP4B	X	-12.462	1.13
74	MP4B	Z	0	1.13
75	MP4B	Mx	-.004	1.13
76	MP4B	X	-12.462	3.13
77	MP4B	Z	0	3.13
78	MP4B	Mx	-.004	3.13
79	MP4C	X	-13.159	1.13
80	MP4C	Z	0	1.13
81	MP4C	Mx	-.003	1.13
82	MP4C	X	-13.159	3.13
83	MP4C	Z	0	3.13
84	MP4C	Mx	-.003	3.13
85	MP1A	X	-9.003	2
86	MP1A	Z	0	2
87	MP1A	Mx	-.003	2
88	MP1B	X	-11.96	2
89	MP1B	Z	0	2
90	MP1B	Mx	.002	2
91	MP1C	X	-11.96	2
92	MP1C	Z	0	2
93	MP1C	Mx	.002	2
94	MP2A	X	-8.293	2
95	MP2A	Z	0	2
96	MP2A	Mx	-.003	2
97	MP2B	X	-11.783	2
98	MP2B	Z	0	2
99	MP2B	Mx	.002	2
100	MP2C	X	-11.783	2
101	MP2C	Z	0	2
102	MP2C	Mx	.002	2
103	MP2A	X	-2.355	5
104	MP2A	Z	0	5
105	MP2A	Mx	-.000785	5
106	MP2B	X	-2.943	5
107	MP2B	Z	0	5
108	MP2B	Mx	.000491	5
109	MP2C	X	-2.943	5
110	MP2C	Z	0	5
111	MP2C	Mx	.000491	5
112	OVP	X	-26.612	.75
113	OVP	Z	0	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-2.6	6
2	MP2C	Z	-1.501	6
3	MP2C	Mx	.002	6
4	MP2C	X	-2.6	7
5	MP2C	Z	-1.501	7
6	MP2C	Mx	.002	7
7	MP2C	X	-2.6	6
8	MP2C	Z	-1.501	6
9	MP2C	Mx	.003	6
10	MP2C	X	-2.6	7
11	MP2C	Z	-1.501	7
12	MP2C	Mx	.003	7
13	MP1A	X	-9.781	.25
14	MP1A	Z	-5.647	.25
15	MP1A	Mx	.005	.25
16	MP1A	X	-9.781	4
17	MP1A	Z	-5.647	4
18	MP1A	Mx	.005	4
19	MP1B	X	-13.594	.25
20	MP1B	Z	-7.849	.25
21	MP1B	Mx	0	.25
22	MP1B	X	-13.594	4
23	MP1B	Z	-7.849	4
24	MP1B	Mx	0	4
25	MP1C	X	-9.781	.25
26	MP1C	Z	-5.647	.25
27	MP1C	Mx	-.005	.25
28	MP1C	X	-9.781	4
29	MP1C	Z	-5.647	4
30	MP1C	Mx	-.005	4
31	MP2A	X	-19.054	.25
32	MP2A	Z	-11.001	.25
33	MP2A	Mx	.003	.25
34	MP2A	X	-19.054	5.25
35	MP2A	Z	-11.001	5.25
36	MP2A	Mx	.003	5.25
37	MP2C	X	-19.054	.25
38	MP2C	Z	-11.001	.25
39	MP2C	Mx	-.016	.25
40	MP2C	X	-19.054	5.25
41	MP2C	Z	-11.001	5.25
42	MP2C	Mx	-.016	5.25
43	MP2A	X	-19.054	.25
44	MP2A	Z	-11.001	.25
45	MP2A	Mx	.016	.25
46	MP2A	X	-19.054	5.25
47	MP2A	Z	-11.001	5.25
48	MP2A	Mx	.016	5.25
49	MP2C	X	-19.054	.25
50	MP2C	Z	-11.001	.25
51	MP2C	Mx	-.003	.25
52	MP2C	X	-19.054	5.25
53	MP2C	Z	-11.001	5.25
54	MP2C	Mx	-.003	5.25
55	MP2B	X	-30.806	.25
56	MP2B	Z	-17.786	.25
57	MP2B	Mx	.026	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-30.806	5.25
59	MP2B	Z	-17.786	5.25
60	MP2B	Mx	.026	5.25
61	MP2B	X	-30.806	.25
62	MP2B	Z	-17.786	.25
63	MP2B	Mx	-.029	.25
64	MP2B	X	-30.806	5.25
65	MP2B	Z	-17.786	5.25
66	MP2B	Mx	-.029	5.25
67	MP4A	X	-7.576	1.13
68	MP4A	Z	-4.374	1.13
69	MP4A	Mx	.004	1.13
70	MP4A	X	-7.576	3.13
71	MP4A	Z	-4.374	3.13
72	MP4A	Mx	.004	3.13
73	MP4B	X	-13.248	1.13
74	MP4B	Z	-7.649	1.13
75	MP4B	Mx	-.000667	1.13
76	MP4B	X	-13.248	3.13
77	MP4B	Z	-7.649	3.13
78	MP4B	Mx	-.000667	3.13
79	MP4C	X	-7.576	1.13
80	MP4C	Z	-4.374	1.13
81	MP4C	Mx	-.004	1.13
82	MP4C	X	-7.576	3.13
83	MP4C	Z	-4.374	3.13
84	MP4C	Mx	-.004	3.13
85	MP1A	X	-8.65	2
86	MP1A	Z	-4.994	2
87	MP1A	Mx	-.003	2
88	MP1B	X	-11.211	2
89	MP1B	Z	-6.473	2
90	MP1B	Mx	0	2
91	MP1C	X	-8.65	2
92	MP1C	Z	-4.994	2
93	MP1C	Mx	.003	2
94	MP2A	X	-8.19	2
95	MP2A	Z	-4.728	2
96	MP2A	Mx	-.003	2
97	MP2B	X	-11.211	2
98	MP2B	Z	-6.473	2
99	MP2B	Mx	0	2
100	MP2C	X	-8.19	2
101	MP2C	Z	-4.728	2
102	MP2C	Mx	.003	2
103	MP2A	X	-2.209	5
104	MP2A	Z	-1.275	5
105	MP2A	Mx	-.000736	5
106	MP2B	X	-2.719	5
107	MP2B	Z	-1.57	5
108	MP2B	Mx	0	5
109	MP2C	X	-2.209	5
110	MP2C	Z	-1.275	5
111	MP2C	Mx	.000736	5
112	OVP	X	-21.79	.75
113	OVP	Z	-12.58	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-1.778	6
2	MP2C	Z	-3.08	6
3	MP2C	Mx	.004	6
4	MP2C	X	-1.778	7
5	MP2C	Z	-3.08	7
6	MP2C	Mx	.004	7
7	MP2C	X	-1.778	6
8	MP2C	Z	-3.08	6
9	MP2C	Mx	.004	6
10	MP2C	X	-1.778	7
11	MP2C	Z	-3.08	7
12	MP2C	Mx	.004	7
13	MP1A	X	-7.115	.25
14	MP1A	Z	-12.323	.25
15	MP1A	Mx	.004	.25
16	MP1A	X	-7.115	4
17	MP1A	Z	-12.323	4
18	MP1A	Mx	.004	4
19	MP1B	X	-7.115	.25
20	MP1B	Z	-12.323	.25
21	MP1B	Mx	.004	.25
22	MP1B	X	-7.115	4
23	MP1B	Z	-12.323	4
24	MP1B	Mx	.004	4
25	MP1C	X	-4.913	.25
26	MP1C	Z	-8.51	.25
27	MP1C	Mx	-.005	.25
28	MP1C	X	-4.913	4
29	MP1C	Z	-8.51	4
30	MP1C	Mx	-.005	4
31	MP2A	X	-13.298	.25
32	MP2A	Z	-23.032	.25
33	MP2A	Mx	-.007	.25
34	MP2A	X	-13.298	5.25
35	MP2A	Z	-23.032	5.25
36	MP2A	Mx	-.007	5.25
37	MP2C	X	-9.853	.25
38	MP2C	Z	-17.065	.25
39	MP2C	Mx	-.01	.25
40	MP2C	X	-9.853	5.25
41	MP2C	Z	-17.065	5.25
42	MP2C	Mx	-.01	5.25
43	MP2A	X	-13.298	.25
44	MP2A	Z	-23.032	.25
45	MP2A	Mx	.02	.25
46	MP2A	X	-13.298	5.25
47	MP2A	Z	-23.032	5.25
48	MP2A	Mx	.02	5.25
49	MP2C	X	-9.853	.25
50	MP2C	Z	-17.065	.25
51	MP2C	Mx	-.01	.25
52	MP2C	X	-9.853	5.25
53	MP2C	Z	-17.065	5.25
54	MP2C	Mx	-.01	5.25
55	MP2B	X	-16.238	.25
56	MP2B	Z	-28.125	.25
57	MP2B	Mx	.03	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-16.238	5.25
59	MP2B	Z	-28.125	5.25
60	MP2B	Mx	.03	5.25
61	MP2B	X	-16.238	.25
62	MP2B	Z	-28.125	.25
63	MP2B	Mx	-.016	.25
64	MP2B	X	-16.238	5.25
65	MP2B	Z	-28.125	5.25
66	MP2B	Mx	-.016	5.25
67	MP4A	X	-6.579	1.13
68	MP4A	Z	-11.396	1.13
69	MP4A	Mx	.003	1.13
70	MP4A	X	-6.579	3.13
71	MP4A	Z	-11.396	3.13
72	MP4A	Mx	.003	3.13
73	MP4B	X	-6.894	1.13
74	MP4B	Z	-11.942	1.13
75	MP4B	Mx	.003	1.13
76	MP4B	X	-6.894	3.13
77	MP4B	Z	-11.942	3.13
78	MP4B	Mx	.003	3.13
79	MP4C	X	-3.271	1.13
80	MP4C	Z	-5.665	1.13
81	MP4C	Mx	-.003	1.13
82	MP4C	X	-3.271	3.13
83	MP4C	Z	-5.665	3.13
84	MP4C	Mx	-.003	3.13
85	MP1A	X	-5.98	2
86	MP1A	Z	-10.358	2
87	MP1A	Mx	-.002	2
88	MP1B	X	-5.98	2
89	MP1B	Z	-10.358	2
90	MP1B	Mx	-.002	2
91	MP1C	X	-4.502	2
92	MP1C	Z	-7.797	2
93	MP1C	Mx	.003	2
94	MP2A	X	-5.891	2
95	MP2A	Z	-10.204	2
96	MP2A	Mx	-.002	2
97	MP2B	X	-5.891	2
98	MP2B	Z	-10.204	2
99	MP2B	Mx	-.002	2
100	MP2C	X	-4.147	2
101	MP2C	Z	-7.182	2
102	MP2C	Mx	.003	2
103	MP2A	X	-1.471	5
104	MP2A	Z	-2.549	5
105	MP2A	Mx	-.00049	5
106	MP2B	X	-1.471	5
107	MP2B	Z	-2.549	5
108	MP2B	Mx	-.000491	5
109	MP2C	X	-1.177	5
110	MP2C	Z	-2.039	5
111	MP2C	Mx	.000785	5
112	OVP	X	-11.129	.75
113	OVP	Z	-19.276	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	6
2	MP2C	Z	-1.003	6
3	MP2C	Mx	.001	6
4	MP2C	X	0	7
5	MP2C	Z	-1.003	7
6	MP2C	Mx	.001	7
7	MP2C	X	0	6
8	MP2C	Z	-1.003	6
9	MP2C	Mx	.000701	6
10	MP2C	X	0	7
11	MP2C	Z	-1.003	7
12	MP2C	Mx	.000701	7
13	MP1A	X	0	.25
14	MP1A	Z	-5.004	.25
15	MP1A	Mx	0	.25
16	MP1A	X	0	4
17	MP1A	Z	-5.004	4
18	MP1A	Mx	0	4
19	MP1B	X	0	.25
20	MP1B	Z	-3.473	.25
21	MP1B	Mx	.002	.25
22	MP1B	X	0	4
23	MP1B	Z	-3.473	4
24	MP1B	Mx	.002	4
25	MP1C	X	0	.25
26	MP1C	Z	-3.473	.25
27	MP1C	Mx	-.002	.25
28	MP1C	X	0	4
29	MP1C	Z	-3.473	4
30	MP1C	Mx	-.002	4
31	MP2A	X	0	.25
32	MP2A	Z	-9.496	.25
33	MP2A	Mx	-.006	.25
34	MP2A	X	0	5.25
35	MP2A	Z	-9.496	5.25
36	MP2A	Mx	-.006	5.25
37	MP2C	X	0	.25
38	MP2C	Z	-7.052	.25
39	MP2C	Mx	-.000997	.25
40	MP2C	X	0	5.25
41	MP2C	Z	-7.052	5.25
42	MP2C	Mx	-.000997	5.25
43	MP2A	X	0	.25
44	MP2A	Z	-9.496	.25
45	MP2A	Mx	.006	.25
46	MP2A	X	0	5.25
47	MP2A	Z	-9.496	5.25
48	MP2A	Mx	.006	5.25
49	MP2C	X	0	.25
50	MP2C	Z	-7.052	.25
51	MP2C	Mx	-.005	.25
52	MP2C	X	0	5.25
53	MP2C	Z	-7.052	5.25
54	MP2C	Mx	-.005	5.25
55	MP2B	X	0	.25
56	MP2B	Z	-7.605	.25
57	MP2B	Mx	.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	0	5.25
59	MP2B	Z	-7.605	5.25
60	MP2B	Mx	.006	5.25
61	MP2B	X	0	.25
62	MP2B	Z	-7.605	.25
63	MP2B	Mx	-.000248	.25
64	MP2B	X	0	5.25
65	MP2B	Z	-7.605	5.25
66	MP2B	Mx	-.000248	5.25
67	MP4A	X	0	1.13
68	MP4A	Z	-4.086	1.13
69	MP4A	Mx	0	1.13
70	MP4A	X	0	3.13
71	MP4A	Z	-4.086	3.13
72	MP4A	Mx	0	3.13
73	MP4B	X	0	1.13
74	MP4B	Z	-2.289	1.13
75	MP4B	Mx	.000938	1.13
76	MP4B	X	0	3.13
77	MP4B	Z	-2.289	3.13
78	MP4B	Mx	.000938	3.13
79	MP4C	X	0	1.13
80	MP4C	Z	-2.077	1.13
81	MP4C	Mx	-.000899	1.13
82	MP4C	X	0	3.13
83	MP4C	Z	-2.077	3.13
84	MP4C	Mx	-.000899	3.13
85	MP1A	X	0	2
86	MP1A	Z	-3.231	2
87	MP1A	Mx	0	2
88	MP1B	X	0	2
89	MP1B	Z	-2.434	2
90	MP1B	Mx	-.000703	2
91	MP1C	X	0	2
92	MP1C	Z	-2.434	2
93	MP1C	Mx	.000703	2
94	MP2A	X	0	2
95	MP2A	Z	-3.231	2
96	MP2A	Mx	0	2
97	MP2B	X	0	2
98	MP2B	Z	-2.278	2
99	MP2B	Mx	-.000658	2
100	MP2C	X	0	2
101	MP2C	Z	-2.278	2
102	MP2C	Mx	.000658	2
103	MP2A	X	0	5
104	MP2A	Z	-.771	5
105	MP2A	Mx	0	5
106	MP2B	X	0	5
107	MP2B	Z	-.593	5
108	MP2B	Mx	-.000171	5
109	MP2C	X	0	5
110	MP2C	Z	-.593	5
111	MP2C	Mx	.000171	5
112	OVP	X	0	.75
113	OVP	Z	-5.024	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	.501	6
2	MP2C	Z	-.867	6
3	MP2C	Mx	.000789	6
4	MP2C	X	.501	7
5	MP2C	Z	-.867	7
6	MP2C	Mx	.000789	7
7	MP2C	X	.501	6
8	MP2C	Z	-.867	6
9	MP2C	Mx	.000211	6
10	MP2C	X	.501	7
11	MP2C	Z	-.867	7
12	MP2C	Mx	.000211	7
13	MP1A	X	2.247	.25
14	MP1A	Z	-3.891	.25
15	MP1A	Mx	-.001	.25
16	MP1A	X	2.247	4
17	MP1A	Z	-3.891	4
18	MP1A	Mx	-.001	4
19	MP1B	X	1.481	.25
20	MP1B	Z	-2.565	.25
21	MP1B	Mx	.001	.25
22	MP1B	X	1.481	4
23	MP1B	Z	-2.565	4
24	MP1B	Mx	.001	4
25	MP1C	X	2.247	.25
26	MP1C	Z	-3.891	.25
27	MP1C	Mx	-.001	.25
28	MP1C	X	2.247	4
29	MP1C	Z	-3.891	4
30	MP1C	Mx	-.001	4
31	MP2A	X	4.341	.25
32	MP2A	Z	-7.518	.25
33	MP2A	Mx	-.007	.25
34	MP2A	X	4.341	5.25
35	MP2A	Z	-7.518	5.25
36	MP2A	Mx	-.007	5.25
37	MP2C	X	4.341	.25
38	MP2C	Z	-7.518	.25
39	MP2C	Mx	.002	.25
40	MP2C	X	4.341	5.25
41	MP2C	Z	-7.518	5.25
42	MP2C	Mx	.002	5.25
43	MP2A	X	4.341	.25
44	MP2A	Z	-7.518	.25
45	MP2A	Mx	.002	.25
46	MP2A	X	4.341	5.25
47	MP2A	Z	-7.518	5.25
48	MP2A	Mx	.002	5.25
49	MP2C	X	4.341	.25
50	MP2C	Z	-7.518	.25
51	MP2C	Mx	-.007	.25
52	MP2C	X	4.341	5.25
53	MP2C	Z	-7.518	5.25
54	MP2C	Mx	-.007	5.25
55	MP2B	X	2.778	.25
56	MP2B	Z	-4.812	.25
57	MP2B	Mx	.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	2.778	5.25
59	MP2B	Z	-4.812	5.25
60	MP2B	Mx	.003	5.25
61	MP2B	X	2.778	.25
62	MP2B	Z	-4.812	.25
63	MP2B	Mx	.002	.25
64	MP2B	X	2.778	5.25
65	MP2B	Z	-4.812	5.25
66	MP2B	Mx	.002	5.25
67	MP4A	X	1.708	1.13
68	MP4A	Z	-2.959	1.13
69	MP4A	Mx	-.000854	1.13
70	MP4A	X	1.708	3.13
71	MP4A	Z	-2.959	3.13
72	MP4A	Mx	-.000854	3.13
73	MP4B	X	.714	1.13
74	MP4B	Z	-1.236	1.13
75	MP4B	Mx	.000711	1.13
76	MP4B	X	.714	3.13
77	MP4B	Z	-1.236	3.13
78	MP4B	Mx	.000711	3.13
79	MP4C	X	1.708	1.13
80	MP4C	Z	-2.959	1.13
81	MP4C	Mx	-.000854	1.13
82	MP4C	X	1.708	3.13
83	MP4C	Z	-2.959	3.13
84	MP4C	Mx	-.000854	3.13
85	MP1A	X	1.483	2
86	MP1A	Z	-2.568	2
87	MP1A	Mx	.000494	2
88	MP1B	X	1.084	2
89	MP1B	Z	-1.878	2
90	MP1B	Mx	-.000723	2
91	MP1C	X	1.483	2
92	MP1C	Z	-2.568	2
93	MP1C	Mx	.000494	2
94	MP2A	X	1.457	2
95	MP2A	Z	-2.523	2
96	MP2A	Mx	.000486	2
97	MP2B	X	.98	2
98	MP2B	Z	-1.697	2
99	MP2B	Mx	-.000653	2
100	MP2C	X	1.457	2
101	MP2C	Z	-2.523	2
102	MP2C	Mx	.000485	2
103	MP2A	X	.356	5
104	MP2A	Z	-.617	5
105	MP2A	Mx	.000119	5
106	MP2B	X	.267	5
107	MP2B	Z	-.462	5
108	MP2B	Mx	-.000178	5
109	MP2C	X	.356	5
110	MP2C	Z	-.617	5
111	MP2C	Mx	.000119	5
112	OVP	X	2.71	.75
113	OVP	Z	-4.694	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	.867	6
2	MP2C	Z	-.5	6
3	MP2C	Mx	.000333	6
4	MP2C	X	.867	7
5	MP2C	Z	-.5	7
6	MP2C	Mx	.000333	7
7	MP2C	X	.867	6
8	MP2C	Z	-.5	6
9	MP2C	Mx	-.000334	6
10	MP2C	X	.867	7
11	MP2C	Z	-.5	7
12	MP2C	Mx	-.000334	7
13	MP1A	X	3.007	.25
14	MP1A	Z	-1.736	.25
15	MP1A	Mx	-.002	.25
16	MP1A	X	3.007	4
17	MP1A	Z	-1.736	4
18	MP1A	Mx	-.002	4
19	MP1B	X	3.007	.25
20	MP1B	Z	-1.736	.25
21	MP1B	Mx	.002	.25
22	MP1B	X	3.007	4
23	MP1B	Z	-1.736	4
24	MP1B	Mx	.002	4
25	MP1C	X	4.333	.25
26	MP1C	Z	-2.502	.25
27	MP1C	Mx	0	.25
28	MP1C	X	4.333	4
29	MP1C	Z	-2.502	4
30	MP1C	Mx	0	4
31	MP2A	X	6.107	.25
32	MP2A	Z	-3.526	.25
33	MP2A	Mx	-.005	.25
34	MP2A	X	6.107	5.25
35	MP2A	Z	-3.526	5.25
36	MP2A	Mx	-.005	5.25
37	MP2C	X	8.224	.25
38	MP2C	Z	-4.748	.25
39	MP2C	Mx	.006	.25
40	MP2C	X	8.224	5.25
41	MP2C	Z	-4.748	5.25
42	MP2C	Mx	.006	5.25
43	MP2A	X	6.107	.25
44	MP2A	Z	-3.526	.25
45	MP2A	Mx	-.000997	.25
46	MP2A	X	6.107	5.25
47	MP2A	Z	-3.526	5.25
48	MP2A	Mx	-.000997	5.25
49	MP2C	X	8.224	.25
50	MP2C	Z	-4.748	.25
51	MP2C	Mx	-.006	.25
52	MP2C	X	8.224	5.25
53	MP2C	Z	-4.748	5.25
54	MP2C	Mx	-.006	5.25
55	MP2B	X	5.756	.25
56	MP2B	Z	-3.323	.25
57	MP2B	Mx	.000846	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	5.756	5.25
59	MP2B	Z	-3.323	5.25
60	MP2B	Mx	.000846	5.25
61	MP2B	X	5.756	.25
62	MP2B	Z	-3.323	.25
63	MP2B	Mx	.005	.25
64	MP2B	X	5.756	5.25
65	MP2B	Z	-3.323	5.25
66	MP2B	Mx	.005	5.25
67	MP4A	X	1.799	1.13
68	MP4A	Z	-1.039	1.13
69	MP4A	Mx	-.0009	1.13
70	MP4A	X	1.799	3.13
71	MP4A	Z	-1.039	3.13
72	MP4A	Mx	-.0009	3.13
73	MP4B	X	1.633	1.13
74	MP4B	Z	-.943	1.13
75	MP4B	Mx	.000855	1.13
76	MP4B	X	1.633	3.13
77	MP4B	Z	-.943	3.13
78	MP4B	Mx	.000855	3.13
79	MP4C	X	3.539	1.13
80	MP4C	Z	-2.043	1.13
81	MP4C	Mx	0	1.13
82	MP4C	X	3.539	3.13
83	MP4C	Z	-2.043	3.13
84	MP4C	Mx	0	3.13
85	MP1A	X	2.108	2
86	MP1A	Z	-1.217	2
87	MP1A	Mx	.000703	2
88	MP1B	X	2.108	2
89	MP1B	Z	-1.217	2
90	MP1B	Mx	-.000703	2
91	MP1C	X	2.799	2
92	MP1C	Z	-1.616	2
93	MP1C	Mx	0	2
94	MP2A	X	1.973	2
95	MP2A	Z	-1.139	2
96	MP2A	Mx	.000658	2
97	MP2B	X	1.973	2
98	MP2B	Z	-1.139	2
99	MP2B	Mx	-.000658	2
100	MP2C	X	2.799	2
101	MP2C	Z	-1.616	2
102	MP2C	Mx	0	2
103	MP2A	X	.514	5
104	MP2A	Z	-.297	5
105	MP2A	Mx	.000171	5
106	MP2B	X	.514	5
107	MP2B	Z	-.297	5
108	MP2B	Mx	-.000171	5
109	MP2C	X	.668	5
110	MP2C	Z	-.386	5
111	MP2C	Mx	0	5
112	OVP	X	5.38	.75
113	OVP	Z	-3.106	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	1.001	6
2	MP2C	Z	0	6
3	MP2C	Mx	-.000212	6
4	MP2C	X	1.001	7
5	MP2C	Z	0	7
6	MP2C	Mx	-.000212	7
7	MP2C	X	1.001	6
8	MP2C	Z	0	6
9	MP2C	Mx	-.000789	6
10	MP2C	X	1.001	7
11	MP2C	Z	0	7
12	MP2C	Mx	-.000789	7
13	MP1A	X	2.962	.25
14	MP1A	Z	0	.25
15	MP1A	Mx	-.001	.25
16	MP1A	X	2.962	4
17	MP1A	Z	0	4
18	MP1A	Mx	-.001	4
19	MP1B	X	4.493	.25
20	MP1B	Z	0	.25
21	MP1B	Mx	.001	.25
22	MP1B	X	4.493	4
23	MP1B	Z	0	4
24	MP1B	Mx	.001	4
25	MP1C	X	4.493	.25
26	MP1C	Z	0	.25
27	MP1C	Mx	.001	.25
28	MP1C	X	4.493	4
29	MP1C	Z	0	4
30	MP1C	Mx	.001	4
31	MP2A	X	6.237	.25
32	MP2A	Z	0	.25
33	MP2A	Mx	-.003	.25
34	MP2A	X	6.237	5.25
35	MP2A	Z	0	5.25
36	MP2A	Mx	-.003	5.25
37	MP2C	X	8.682	.25
38	MP2C	Z	0	.25
39	MP2C	Mx	.007	.25
40	MP2C	X	8.682	5.25
41	MP2C	Z	0	5.25
42	MP2C	Mx	.007	5.25
43	MP2A	X	6.237	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	-.003	.25
46	MP2A	X	6.237	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	-.003	5.25
49	MP2C	X	8.682	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	-.002	.25
52	MP2C	X	8.682	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	-.002	5.25
55	MP2B	X	9.786	.25
56	MP2B	Z	0	.25
57	MP2B	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	9.786	5.25
59	MP2B	Z	0	5.25
60	MP2B	Mx	-.003	5.25
61	MP2B	X	9.786	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	.009	.25
64	MP2B	X	9.786	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	.009	5.25
67	MP4A	X	1.407	1.13
68	MP4A	Z	0	1.13
69	MP4A	Mx	-.000704	1.13
70	MP4A	X	1.407	3.13
71	MP4A	Z	0	3.13
72	MP4A	Mx	-.000704	3.13
73	MP4B	X	3.205	1.13
74	MP4B	Z	0	1.13
75	MP4B	Mx	.000919	1.13
76	MP4B	X	3.205	3.13
77	MP4B	Z	0	3.13
78	MP4B	Mx	.000919	3.13
79	MP4C	X	3.417	1.13
80	MP4C	Z	0	1.13
81	MP4C	Mx	.000854	1.13
82	MP4C	X	3.417	3.13
83	MP4C	Z	0	3.13
84	MP4C	Mx	.000854	3.13
85	MP1A	X	2.168	2
86	MP1A	Z	0	2
87	MP1A	Mx	.000723	2
88	MP1B	X	2.966	2
89	MP1B	Z	0	2
90	MP1B	Mx	-.000494	2
91	MP1C	X	2.966	2
92	MP1C	Z	0	2
93	MP1C	Mx	-.000494	2
94	MP2A	X	1.96	2
95	MP2A	Z	0	2
96	MP2A	Mx	.000653	2
97	MP2B	X	2.914	2
98	MP2B	Z	0	2
99	MP2B	Mx	-.000486	2
100	MP2C	X	2.914	2
101	MP2C	Z	0	2
102	MP2C	Mx	-.000486	2
103	MP2A	X	.534	5
104	MP2A	Z	0	5
105	MP2A	Mx	.000178	5
106	MP2B	X	.712	5
107	MP2B	Z	0	5
108	MP2B	Mx	-.000119	5
109	MP2C	X	.712	5
110	MP2C	Z	0	5
111	MP2C	Mx	-.000119	5
112	OVP	X	6.609	.75
113	OVP	Z	0	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	.869	6
2	MP2C	Z	.501	6
3	MP2C	Mx	-.000701	6
4	MP2C	X	.869	7
5	MP2C	Z	.501	7
6	MP2C	Mx	-.000701	7
7	MP2C	X	.869	6
8	MP2C	Z	.501	6
9	MP2C	Mx	-.001	6
10	MP2C	X	.869	7
11	MP2C	Z	.501	7
12	MP2C	Mx	-.001	7
13	MP1A	X	3.007	.25
14	MP1A	Z	1.736	.25
15	MP1A	Mx	-.002	.25
16	MP1A	X	3.007	4
17	MP1A	Z	1.736	4
18	MP1A	Mx	-.002	4
19	MP1B	X	4.333	.25
20	MP1B	Z	2.502	.25
21	MP1B	Mx	0	.25
22	MP1B	X	4.333	4
23	MP1B	Z	2.502	4
24	MP1B	Mx	0	4
25	MP1C	X	3.007	.25
26	MP1C	Z	1.736	.25
27	MP1C	Mx	.002	.25
28	MP1C	X	3.007	4
29	MP1C	Z	1.736	4
30	MP1C	Mx	.002	4
31	MP2A	X	6.107	.25
32	MP2A	Z	3.526	.25
33	MP2A	Mx	-.000997	.25
34	MP2A	X	6.107	5.25
35	MP2A	Z	3.526	5.25
36	MP2A	Mx	-.000997	5.25
37	MP2C	X	6.107	.25
38	MP2C	Z	3.526	.25
39	MP2C	Mx	.005	.25
40	MP2C	X	6.107	5.25
41	MP2C	Z	3.526	5.25
42	MP2C	Mx	.005	5.25
43	MP2A	X	6.107	.25
44	MP2A	Z	3.526	.25
45	MP2A	Mx	-.005	.25
46	MP2A	X	6.107	5.25
47	MP2A	Z	3.526	5.25
48	MP2A	Mx	-.005	5.25
49	MP2C	X	6.107	.25
50	MP2C	Z	3.526	.25
51	MP2C	Mx	.000997	.25
52	MP2C	X	6.107	5.25
53	MP2C	Z	3.526	5.25
54	MP2C	Mx	.000997	5.25
55	MP2B	X	10.25	.25
56	MP2B	Z	5.918	.25
57	MP2B	Mx	-.009	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	10.25	5.25
59	MP2B	Z	5.918	5.25
60	MP2B	Mx	-.009	5.25
61	MP2B	X	10.25	.25
62	MP2B	Z	5.918	.25
63	MP2B	Mx	.01	.25
64	MP2B	X	10.25	5.25
65	MP2B	Z	5.918	5.25
66	MP2B	Mx	.01	5.25
67	MP4A	X	1.799	1.13
68	MP4A	Z	1.039	1.13
69	MP4A	Mx	-.0009	1.13
70	MP4A	X	1.799	3.13
71	MP4A	Z	1.039	3.13
72	MP4A	Mx	-.0009	3.13
73	MP4B	X	3.521	1.13
74	MP4B	Z	2.033	1.13
75	MP4B	Mx	.000177	1.13
76	MP4B	X	3.521	3.13
77	MP4B	Z	2.033	3.13
78	MP4B	Mx	.000177	3.13
79	MP4C	X	1.799	1.13
80	MP4C	Z	1.039	1.13
81	MP4C	Mx	.0009	1.13
82	MP4C	X	1.799	3.13
83	MP4C	Z	1.039	3.13
84	MP4C	Mx	.0009	3.13
85	MP1A	X	2.108	2
86	MP1A	Z	1.217	2
87	MP1A	Mx	.000703	2
88	MP1B	X	2.799	2
89	MP1B	Z	1.616	2
90	MP1B	Mx	0	2
91	MP1C	X	2.108	2
92	MP1C	Z	1.217	2
93	MP1C	Mx	-.000703	2
94	MP2A	X	1.973	2
95	MP2A	Z	1.139	2
96	MP2A	Mx	.000658	2
97	MP2B	X	2.799	2
98	MP2B	Z	1.616	2
99	MP2B	Mx	0	2
100	MP2C	X	1.973	2
101	MP2C	Z	1.139	2
102	MP2C	Mx	-.000658	2
103	MP2A	X	.514	5
104	MP2A	Z	.297	5
105	MP2A	Mx	.000171	5
106	MP2B	X	.668	5
107	MP2B	Z	.386	5
108	MP2B	Mx	0	5
109	MP2C	X	.514	5
110	MP2C	Z	.297	5
111	MP2C	Mx	-.000171	5
112	OVP	X	5.38	.75
113	OVP	Z	3.106	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	.502	6
2	MP2C	Z	.869	6
3	MP2C	Mx	-.001	6
4	MP2C	X	.502	7
5	MP2C	Z	.869	7
6	MP2C	Mx	-.001	7
7	MP2C	X	.502	6
8	MP2C	Z	.869	6
9	MP2C	Mx	-.001	6
10	MP2C	X	.502	7
11	MP2C	Z	.869	7
12	MP2C	Mx	-.001	7
13	MP1A	X	2.247	.25
14	MP1A	Z	3.891	.25
15	MP1A	Mx	-.001	.25
16	MP1A	X	2.247	4
17	MP1A	Z	3.891	4
18	MP1A	Mx	-.001	4
19	MP1B	X	2.247	.25
20	MP1B	Z	3.891	.25
21	MP1B	Mx	-.001	.25
22	MP1B	X	2.247	4
23	MP1B	Z	3.891	4
24	MP1B	Mx	-.001	4
25	MP1C	X	1.481	.25
26	MP1C	Z	2.565	.25
27	MP1C	Mx	.001	.25
28	MP1C	X	1.481	4
29	MP1C	Z	2.565	4
30	MP1C	Mx	.001	4
31	MP2A	X	4.341	.25
32	MP2A	Z	7.518	.25
33	MP2A	Mx	.002	.25
34	MP2A	X	4.341	5.25
35	MP2A	Z	7.518	5.25
36	MP2A	Mx	.002	5.25
37	MP2C	X	3.119	.25
38	MP2C	Z	5.402	.25
39	MP2C	Mx	.003	.25
40	MP2C	X	3.119	5.25
41	MP2C	Z	5.402	5.25
42	MP2C	Mx	.003	5.25
43	MP2A	X	4.341	.25
44	MP2A	Z	7.518	.25
45	MP2A	Mx	-.007	.25
46	MP2A	X	4.341	5.25
47	MP2A	Z	7.518	5.25
48	MP2A	Mx	-.007	5.25
49	MP2C	X	3.119	.25
50	MP2C	Z	5.402	.25
51	MP2C	Mx	.003	.25
52	MP2C	X	3.119	5.25
53	MP2C	Z	5.402	5.25
54	MP2C	Mx	.003	5.25
55	MP2B	X	5.372	.25
56	MP2B	Z	9.305	.25
57	MP2B	Mx	-.01	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	5.372	5.25
59	MP2B	Z	9.305	5.25
60	MP2B	Mx	-.01	5.25
61	MP2B	X	5.372	.25
62	MP2B	Z	9.305	.25
63	MP2B	Mx	.005	.25
64	MP2B	X	5.372	5.25
65	MP2B	Z	9.305	5.25
66	MP2B	Mx	.005	5.25
67	MP4A	X	1.708	1.13
68	MP4A	Z	2.959	1.13
69	MP4A	Mx	-.000854	1.13
70	MP4A	X	1.708	3.13
71	MP4A	Z	2.959	3.13
72	MP4A	Mx	-.000854	3.13
73	MP4B	X	1.804	1.13
74	MP4B	Z	3.124	1.13
75	MP4B	Mx	-.000762	1.13
76	MP4B	X	1.804	3.13
77	MP4B	Z	3.124	3.13
78	MP4B	Mx	-.000762	3.13
79	MP4C	X	.704	1.13
80	MP4C	Z	1.219	1.13
81	MP4C	Mx	.000704	1.13
82	MP4C	X	.704	3.13
83	MP4C	Z	1.219	3.13
84	MP4C	Mx	.000704	3.13
85	MP1A	X	1.483	2
86	MP1A	Z	2.568	2
87	MP1A	Mx	.000494	2
88	MP1B	X	1.483	2
89	MP1B	Z	2.568	2
90	MP1B	Mx	.000494	2
91	MP1C	X	1.084	2
92	MP1C	Z	1.878	2
93	MP1C	Mx	-.000723	2
94	MP2A	X	1.457	2
95	MP2A	Z	2.523	2
96	MP2A	Mx	.000486	2
97	MP2B	X	1.457	2
98	MP2B	Z	2.523	2
99	MP2B	Mx	.000485	2
100	MP2C	X	.98	2
101	MP2C	Z	1.697	2
102	MP2C	Mx	-.000653	2
103	MP2A	X	.356	5
104	MP2A	Z	.617	5
105	MP2A	Mx	.000119	5
106	MP2B	X	.356	5
107	MP2B	Z	.617	5
108	MP2B	Mx	.000119	5
109	MP2C	X	.267	5
110	MP2C	Z	.462	5
111	MP2C	Mx	-.000178	5
112	OVP	X	2.71	.75
113	OVP	Z	4.694	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	0	6
2	MP2C	Z	1.003	6
3	MP2C	Mx	-.001	6
4	MP2C	X	0	7
5	MP2C	Z	1.003	7
6	MP2C	Mx	-.001	7
7	MP2C	X	0	6
8	MP2C	Z	1.003	6
9	MP2C	Mx	-.000701	6
10	MP2C	X	0	7
11	MP2C	Z	1.003	7
12	MP2C	Mx	-.000701	7
13	MP1A	X	0	.25
14	MP1A	Z	5.004	.25
15	MP1A	Mx	0	.25
16	MP1A	X	0	4
17	MP1A	Z	5.004	4
18	MP1A	Mx	0	4
19	MP1B	X	0	.25
20	MP1B	Z	3.473	.25
21	MP1B	Mx	-.002	.25
22	MP1B	X	0	4
23	MP1B	Z	3.473	4
24	MP1B	Mx	-.002	4
25	MP1C	X	0	.25
26	MP1C	Z	3.473	.25
27	MP1C	Mx	.002	.25
28	MP1C	X	0	4
29	MP1C	Z	3.473	4
30	MP1C	Mx	.002	4
31	MP2A	X	0	.25
32	MP2A	Z	9.496	.25
33	MP2A	Mx	.006	.25
34	MP2A	X	0	5.25
35	MP2A	Z	9.496	5.25
36	MP2A	Mx	.006	5.25
37	MP2C	X	0	.25
38	MP2C	Z	7.052	.25
39	MP2C	Mx	.000997	.25
40	MP2C	X	0	5.25
41	MP2C	Z	7.052	5.25
42	MP2C	Mx	.000997	5.25
43	MP2A	X	0	.25
44	MP2A	Z	9.496	.25
45	MP2A	Mx	-.006	.25
46	MP2A	X	0	5.25
47	MP2A	Z	9.496	5.25
48	MP2A	Mx	-.006	5.25
49	MP2C	X	0	.25
50	MP2C	Z	7.052	.25
51	MP2C	Mx	.005	.25
52	MP2C	X	0	5.25
53	MP2C	Z	7.052	5.25
54	MP2C	Mx	.005	5.25
55	MP2B	X	0	.25
56	MP2B	Z	7.605	.25
57	MP2B	Mx	-.006	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	0	5.25
59	MP2B	Z	7.605	5.25
60	MP2B	Mx	-.006	5.25
61	MP2B	X	0	.25
62	MP2B	Z	7.605	.25
63	MP2B	Mx	.000248	.25
64	MP2B	X	0	5.25
65	MP2B	Z	7.605	5.25
66	MP2B	Mx	.000248	5.25
67	MP4A	X	0	1.13
68	MP4A	Z	4.086	1.13
69	MP4A	Mx	0	1.13
70	MP4A	X	0	3.13
71	MP4A	Z	4.086	3.13
72	MP4A	Mx	0	3.13
73	MP4B	X	0	1.13
74	MP4B	Z	2.289	1.13
75	MP4B	Mx	-.000938	1.13
76	MP4B	X	0	3.13
77	MP4B	Z	2.289	3.13
78	MP4B	Mx	-.000938	3.13
79	MP4C	X	0	1.13
80	MP4C	Z	2.077	1.13
81	MP4C	Mx	.000899	1.13
82	MP4C	X	0	3.13
83	MP4C	Z	2.077	3.13
84	MP4C	Mx	.000899	3.13
85	MP1A	X	0	2
86	MP1A	Z	3.231	2
87	MP1A	Mx	0	2
88	MP1B	X	0	2
89	MP1B	Z	2.434	2
90	MP1B	Mx	.000703	2
91	MP1C	X	0	2
92	MP1C	Z	2.434	2
93	MP1C	Mx	-.000703	2
94	MP2A	X	0	2
95	MP2A	Z	3.231	2
96	MP2A	Mx	0	2
97	MP2B	X	0	2
98	MP2B	Z	2.278	2
99	MP2B	Mx	.000658	2
100	MP2C	X	0	2
101	MP2C	Z	2.278	2
102	MP2C	Mx	-.000658	2
103	MP2A	X	0	5
104	MP2A	Z	.771	5
105	MP2A	Mx	0	5
106	MP2B	X	0	5
107	MP2B	Z	.593	5
108	MP2B	Mx	.000171	5
109	MP2C	X	0	5
110	MP2C	Z	.593	5
111	MP2C	Mx	-.000171	5
112	OVP	X	0	.75
113	OVP	Z	5.024	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-.501	6
2	MP2C	Z	.867	6
3	MP2C	Mx	-.000789	6
4	MP2C	X	-.501	7
5	MP2C	Z	.867	7
6	MP2C	Mx	-.000789	7
7	MP2C	X	-.501	6
8	MP2C	Z	.867	6
9	MP2C	Mx	-.000211	6
10	MP2C	X	-.501	7
11	MP2C	Z	.867	7
12	MP2C	Mx	-.000211	7
13	MP1A	X	-2.247	.25
14	MP1A	Z	3.891	.25
15	MP1A	Mx	.001	.25
16	MP1A	X	-2.247	4
17	MP1A	Z	3.891	4
18	MP1A	Mx	.001	4
19	MP1B	X	-1.481	.25
20	MP1B	Z	2.565	.25
21	MP1B	Mx	-.001	.25
22	MP1B	X	-1.481	4
23	MP1B	Z	2.565	4
24	MP1B	Mx	-.001	4
25	MP1C	X	-2.247	.25
26	MP1C	Z	3.891	.25
27	MP1C	Mx	.001	.25
28	MP1C	X	-2.247	4
29	MP1C	Z	3.891	4
30	MP1C	Mx	.001	4
31	MP2A	X	-4.341	.25
32	MP2A	Z	7.518	.25
33	MP2A	Mx	.007	.25
34	MP2A	X	-4.341	5.25
35	MP2A	Z	7.518	5.25
36	MP2A	Mx	.007	5.25
37	MP2C	X	-4.341	.25
38	MP2C	Z	7.518	.25
39	MP2C	Mx	-.002	.25
40	MP2C	X	-4.341	5.25
41	MP2C	Z	7.518	5.25
42	MP2C	Mx	-.002	5.25
43	MP2A	X	-4.341	.25
44	MP2A	Z	7.518	.25
45	MP2A	Mx	-.002	.25
46	MP2A	X	-4.341	5.25
47	MP2A	Z	7.518	5.25
48	MP2A	Mx	-.002	5.25
49	MP2C	X	-4.341	.25
50	MP2C	Z	7.518	.25
51	MP2C	Mx	.007	.25
52	MP2C	X	-4.341	5.25
53	MP2C	Z	7.518	5.25
54	MP2C	Mx	.007	5.25
55	MP2B	X	-2.778	.25
56	MP2B	Z	4.812	.25
57	MP2B	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-2.778	5.25
59	MP2B	Z	4.812	5.25
60	MP2B	Mx	-.003	5.25
61	MP2B	X	-2.778	.25
62	MP2B	Z	4.812	.25
63	MP2B	Mx	-.002	.25
64	MP2B	X	-2.778	5.25
65	MP2B	Z	4.812	5.25
66	MP2B	Mx	-.002	5.25
67	MP4A	X	-1.708	1.13
68	MP4A	Z	2.959	1.13
69	MP4A	Mx	.000854	1.13
70	MP4A	X	-1.708	3.13
71	MP4A	Z	2.959	3.13
72	MP4A	Mx	.000854	3.13
73	MP4B	X	-.714	1.13
74	MP4B	Z	1.236	1.13
75	MP4B	Mx	-.000711	1.13
76	MP4B	X	-.714	3.13
77	MP4B	Z	1.236	3.13
78	MP4B	Mx	-.000711	3.13
79	MP4C	X	-1.708	1.13
80	MP4C	Z	2.959	1.13
81	MP4C	Mx	.000854	1.13
82	MP4C	X	-1.708	3.13
83	MP4C	Z	2.959	3.13
84	MP4C	Mx	.000854	3.13
85	MP1A	X	-1.483	2
86	MP1A	Z	2.568	2
87	MP1A	Mx	-.000494	2
88	MP1B	X	-1.084	2
89	MP1B	Z	1.878	2
90	MP1B	Mx	.000723	2
91	MP1C	X	-1.483	2
92	MP1C	Z	2.568	2
93	MP1C	Mx	-.000494	2
94	MP2A	X	-1.457	2
95	MP2A	Z	2.523	2
96	MP2A	Mx	-.000486	2
97	MP2B	X	-.98	2
98	MP2B	Z	1.697	2
99	MP2B	Mx	.000653	2
100	MP2C	X	-1.457	2
101	MP2C	Z	2.523	2
102	MP2C	Mx	-.000485	2
103	MP2A	X	-.356	5
104	MP2A	Z	.617	5
105	MP2A	Mx	-.000119	5
106	MP2B	X	-.267	5
107	MP2B	Z	.462	5
108	MP2B	Mx	.000178	5
109	MP2C	X	-.356	5
110	MP2C	Z	.617	5
111	MP2C	Mx	-.000119	5
112	OVP	X	-2.71	.75
113	OVP	Z	4.694	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-.867	6
2	MP2C	Z	.5	6
3	MP2C	Mx	-.000333	6
4	MP2C	X	-.867	7
5	MP2C	Z	.5	7
6	MP2C	Mx	-.000333	7
7	MP2C	X	-.867	6
8	MP2C	Z	.5	6
9	MP2C	Mx	.000334	6
10	MP2C	X	-.867	7
11	MP2C	Z	.5	7
12	MP2C	Mx	.000334	7
13	MP1A	X	-3.007	.25
14	MP1A	Z	1.736	.25
15	MP1A	Mx	.002	.25
16	MP1A	X	-3.007	4
17	MP1A	Z	1.736	4
18	MP1A	Mx	.002	4
19	MP1B	X	-3.007	.25
20	MP1B	Z	1.736	.25
21	MP1B	Mx	-.002	.25
22	MP1B	X	-3.007	4
23	MP1B	Z	1.736	4
24	MP1B	Mx	-.002	4
25	MP1C	X	-4.333	.25
26	MP1C	Z	2.502	.25
27	MP1C	Mx	0	.25
28	MP1C	X	-4.333	4
29	MP1C	Z	2.502	4
30	MP1C	Mx	0	4
31	MP2A	X	-6.107	.25
32	MP2A	Z	3.526	.25
33	MP2A	Mx	.005	.25
34	MP2A	X	-6.107	5.25
35	MP2A	Z	3.526	5.25
36	MP2A	Mx	.005	5.25
37	MP2C	X	-8.224	.25
38	MP2C	Z	4.748	.25
39	MP2C	Mx	-.006	.25
40	MP2C	X	-8.224	5.25
41	MP2C	Z	4.748	5.25
42	MP2C	Mx	-.006	5.25
43	MP2A	X	-6.107	.25
44	MP2A	Z	3.526	.25
45	MP2A	Mx	.000997	.25
46	MP2A	X	-6.107	5.25
47	MP2A	Z	3.526	5.25
48	MP2A	Mx	.000997	5.25
49	MP2C	X	-8.224	.25
50	MP2C	Z	4.748	.25
51	MP2C	Mx	.006	.25
52	MP2C	X	-8.224	5.25
53	MP2C	Z	4.748	5.25
54	MP2C	Mx	.006	5.25
55	MP2B	X	-5.756	.25
56	MP2B	Z	3.323	.25
57	MP2B	Mx	-.000846	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-5.756	5.25
59	MP2B	Z	3.323	5.25
60	MP2B	Mx	-.000846	5.25
61	MP2B	X	-5.756	.25
62	MP2B	Z	3.323	.25
63	MP2B	Mx	-.005	.25
64	MP2B	X	-5.756	5.25
65	MP2B	Z	3.323	5.25
66	MP2B	Mx	-.005	5.25
67	MP4A	X	-1.799	1.13
68	MP4A	Z	1.039	1.13
69	MP4A	Mx	.0009	1.13
70	MP4A	X	-1.799	3.13
71	MP4A	Z	1.039	3.13
72	MP4A	Mx	.0009	3.13
73	MP4B	X	-1.633	1.13
74	MP4B	Z	.943	1.13
75	MP4B	Mx	-.000855	1.13
76	MP4B	X	-1.633	3.13
77	MP4B	Z	.943	3.13
78	MP4B	Mx	-.000855	3.13
79	MP4C	X	-3.539	1.13
80	MP4C	Z	2.043	1.13
81	MP4C	Mx	0	1.13
82	MP4C	X	-3.539	3.13
83	MP4C	Z	2.043	3.13
84	MP4C	Mx	0	3.13
85	MP1A	X	-2.108	2
86	MP1A	Z	1.217	2
87	MP1A	Mx	-.000703	2
88	MP1B	X	-2.108	2
89	MP1B	Z	1.217	2
90	MP1B	Mx	.000703	2
91	MP1C	X	-2.799	2
92	MP1C	Z	1.616	2
93	MP1C	Mx	0	2
94	MP2A	X	-1.973	2
95	MP2A	Z	1.139	2
96	MP2A	Mx	-.000658	2
97	MP2B	X	-1.973	2
98	MP2B	Z	1.139	2
99	MP2B	Mx	.000658	2
100	MP2C	X	-2.799	2
101	MP2C	Z	1.616	2
102	MP2C	Mx	0	2
103	MP2A	X	-.514	5
104	MP2A	Z	.297	5
105	MP2A	Mx	-.000171	5
106	MP2B	X	-.514	5
107	MP2B	Z	.297	5
108	MP2B	Mx	.000171	5
109	MP2C	X	-.668	5
110	MP2C	Z	.386	5
111	MP2C	Mx	0	5
112	OVP	X	-5.38	.75
113	OVP	Z	3.106	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-1.001	6
2	MP2C	Z	0	6
3	MP2C	Mx	.000212	6
4	MP2C	X	-1.001	7
5	MP2C	Z	0	7
6	MP2C	Mx	.000212	7
7	MP2C	X	-1.001	6
8	MP2C	Z	0	6
9	MP2C	Mx	.000789	6
10	MP2C	X	-1.001	7
11	MP2C	Z	0	7
12	MP2C	Mx	.000789	7
13	MP1A	X	-2.962	.25
14	MP1A	Z	0	.25
15	MP1A	Mx	.001	.25
16	MP1A	X	-2.962	4
17	MP1A	Z	0	4
18	MP1A	Mx	.001	4
19	MP1B	X	-4.493	.25
20	MP1B	Z	0	.25
21	MP1B	Mx	-.001	.25
22	MP1B	X	-4.493	4
23	MP1B	Z	0	4
24	MP1B	Mx	-.001	4
25	MP1C	X	-4.493	.25
26	MP1C	Z	0	.25
27	MP1C	Mx	-.001	.25
28	MP1C	X	-4.493	4
29	MP1C	Z	0	4
30	MP1C	Mx	-.001	4
31	MP2A	X	-6.237	.25
32	MP2A	Z	0	.25
33	MP2A	Mx	.003	.25
34	MP2A	X	-6.237	5.25
35	MP2A	Z	0	5.25
36	MP2A	Mx	.003	5.25
37	MP2C	X	-8.682	.25
38	MP2C	Z	0	.25
39	MP2C	Mx	-.007	.25
40	MP2C	X	-8.682	5.25
41	MP2C	Z	0	5.25
42	MP2C	Mx	-.007	5.25
43	MP2A	X	-6.237	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	.003	.25
46	MP2A	X	-6.237	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	.003	5.25
49	MP2C	X	-8.682	.25
50	MP2C	Z	0	.25
51	MP2C	Mx	.002	.25
52	MP2C	X	-8.682	5.25
53	MP2C	Z	0	5.25
54	MP2C	Mx	.002	5.25
55	MP2B	X	-9.786	.25
56	MP2B	Z	0	.25
57	MP2B	Mx	.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-9.786	5.25
59	MP2B	Z	0	5.25
60	MP2B	Mx	.003	5.25
61	MP2B	X	-9.786	.25
62	MP2B	Z	0	.25
63	MP2B	Mx	-.009	.25
64	MP2B	X	-9.786	5.25
65	MP2B	Z	0	5.25
66	MP2B	Mx	-.009	5.25
67	MP4A	X	-1.407	1.13
68	MP4A	Z	0	1.13
69	MP4A	Mx	.000704	1.13
70	MP4A	X	-1.407	3.13
71	MP4A	Z	0	3.13
72	MP4A	Mx	.000704	3.13
73	MP4B	X	-3.205	1.13
74	MP4B	Z	0	1.13
75	MP4B	Mx	-.000919	1.13
76	MP4B	X	-3.205	3.13
77	MP4B	Z	0	3.13
78	MP4B	Mx	-.000919	3.13
79	MP4C	X	-3.417	1.13
80	MP4C	Z	0	1.13
81	MP4C	Mx	-.000854	1.13
82	MP4C	X	-3.417	3.13
83	MP4C	Z	0	3.13
84	MP4C	Mx	-.000854	3.13
85	MP1A	X	-2.168	2
86	MP1A	Z	0	2
87	MP1A	Mx	-.000723	2
88	MP1B	X	-2.966	2
89	MP1B	Z	0	2
90	MP1B	Mx	.000494	2
91	MP1C	X	-2.966	2
92	MP1C	Z	0	2
93	MP1C	Mx	.000494	2
94	MP2A	X	-1.96	2
95	MP2A	Z	0	2
96	MP2A	Mx	-.000653	2
97	MP2B	X	-2.914	2
98	MP2B	Z	0	2
99	MP2B	Mx	.000486	2
100	MP2C	X	-2.914	2
101	MP2C	Z	0	2
102	MP2C	Mx	.000486	2
103	MP2A	X	-.534	5
104	MP2A	Z	0	5
105	MP2A	Mx	-.000178	5
106	MP2B	X	-.712	5
107	MP2B	Z	0	5
108	MP2B	Mx	.000119	5
109	MP2C	X	-.712	5
110	MP2C	Z	0	5
111	MP2C	Mx	.000119	5
112	OVP	X	-6.609	.75
113	OVP	Z	0	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-.869	6
2	MP2C	Z	-.501	6
3	MP2C	Mx	.000701	6
4	MP2C	X	-.869	7
5	MP2C	Z	-.501	7
6	MP2C	Mx	.000701	7
7	MP2C	X	-.869	6
8	MP2C	Z	-.501	6
9	MP2C	Mx	.001	6
10	MP2C	X	-.869	7
11	MP2C	Z	-.501	7
12	MP2C	Mx	.001	7
13	MP1A	X	-3.007	.25
14	MP1A	Z	-1.736	.25
15	MP1A	Mx	.002	.25
16	MP1A	X	-3.007	4
17	MP1A	Z	-1.736	4
18	MP1A	Mx	.002	4
19	MP1B	X	-4.333	.25
20	MP1B	Z	-2.502	.25
21	MP1B	Mx	0	.25
22	MP1B	X	-4.333	4
23	MP1B	Z	-2.502	4
24	MP1B	Mx	0	4
25	MP1C	X	-3.007	.25
26	MP1C	Z	-1.736	.25
27	MP1C	Mx	-.002	.25
28	MP1C	X	-3.007	4
29	MP1C	Z	-1.736	4
30	MP1C	Mx	-.002	4
31	MP2A	X	-6.107	.25
32	MP2A	Z	-3.526	.25
33	MP2A	Mx	.000997	.25
34	MP2A	X	-6.107	5.25
35	MP2A	Z	-3.526	5.25
36	MP2A	Mx	.000997	5.25
37	MP2C	X	-6.107	.25
38	MP2C	Z	-3.526	.25
39	MP2C	Mx	-.005	.25
40	MP2C	X	-6.107	5.25
41	MP2C	Z	-3.526	5.25
42	MP2C	Mx	-.005	5.25
43	MP2A	X	-6.107	.25
44	MP2A	Z	-3.526	.25
45	MP2A	Mx	.005	.25
46	MP2A	X	-6.107	5.25
47	MP2A	Z	-3.526	5.25
48	MP2A	Mx	.005	5.25
49	MP2C	X	-6.107	.25
50	MP2C	Z	-3.526	.25
51	MP2C	Mx	-.000997	.25
52	MP2C	X	-6.107	5.25
53	MP2C	Z	-3.526	5.25
54	MP2C	Mx	-.000997	5.25
55	MP2B	X	-10.25	.25
56	MP2B	Z	-5.918	.25
57	MP2B	Mx	.009	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-10.25	5.25
59	MP2B	Z	-5.918	5.25
60	MP2B	Mx	.009	5.25
61	MP2B	X	-10.25	.25
62	MP2B	Z	-5.918	.25
63	MP2B	Mx	-.01	.25
64	MP2B	X	-10.25	5.25
65	MP2B	Z	-5.918	5.25
66	MP2B	Mx	-.01	5.25
67	MP4A	X	-1.799	1.13
68	MP4A	Z	-1.039	1.13
69	MP4A	Mx	.0009	1.13
70	MP4A	X	-1.799	3.13
71	MP4A	Z	-1.039	3.13
72	MP4A	Mx	.0009	3.13
73	MP4B	X	-3.521	1.13
74	MP4B	Z	-2.033	1.13
75	MP4B	Mx	-.000177	1.13
76	MP4B	X	-3.521	3.13
77	MP4B	Z	-2.033	3.13
78	MP4B	Mx	-.000177	3.13
79	MP4C	X	-1.799	1.13
80	MP4C	Z	-1.039	1.13
81	MP4C	Mx	-.0009	1.13
82	MP4C	X	-1.799	3.13
83	MP4C	Z	-1.039	3.13
84	MP4C	Mx	-.0009	3.13
85	MP1A	X	-2.108	2
86	MP1A	Z	-1.217	2
87	MP1A	Mx	-.000703	2
88	MP1B	X	-2.799	2
89	MP1B	Z	-1.616	2
90	MP1B	Mx	0	2
91	MP1C	X	-2.108	2
92	MP1C	Z	-1.217	2
93	MP1C	Mx	.000703	2
94	MP2A	X	-1.973	2
95	MP2A	Z	-1.139	2
96	MP2A	Mx	-.000658	2
97	MP2B	X	-2.799	2
98	MP2B	Z	-1.616	2
99	MP2B	Mx	0	2
100	MP2C	X	-1.973	2
101	MP2C	Z	-1.139	2
102	MP2C	Mx	.000658	2
103	MP2A	X	-.514	5
104	MP2A	Z	-.297	5
105	MP2A	Mx	-.000171	5
106	MP2B	X	-.668	5
107	MP2B	Z	-.386	5
108	MP2B	Mx	0	5
109	MP2C	X	-.514	5
110	MP2C	Z	-.297	5
111	MP2C	Mx	.000171	5
112	OVP	X	-5.38	.75
113	OVP	Z	-3.106	.75
114	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	-.502	6
2	MP2C	Z	-.869	6
3	MP2C	Mx	.001	6
4	MP2C	X	-.502	7
5	MP2C	Z	-.869	7
6	MP2C	Mx	.001	7
7	MP2C	X	-.502	6
8	MP2C	Z	-.869	6
9	MP2C	Mx	.001	6
10	MP2C	X	-.502	7
11	MP2C	Z	-.869	7
12	MP2C	Mx	.001	7
13	MP1A	X	-2.247	.25
14	MP1A	Z	-3.891	.25
15	MP1A	Mx	.001	.25
16	MP1A	X	-2.247	4
17	MP1A	Z	-3.891	4
18	MP1A	Mx	.001	4
19	MP1B	X	-2.247	.25
20	MP1B	Z	-3.891	.25
21	MP1B	Mx	.001	.25
22	MP1B	X	-2.247	4
23	MP1B	Z	-3.891	4
24	MP1B	Mx	.001	4
25	MP1C	X	-1.481	.25
26	MP1C	Z	-2.565	.25
27	MP1C	Mx	-.001	.25
28	MP1C	X	-1.481	4
29	MP1C	Z	-2.565	4
30	MP1C	Mx	-.001	4
31	MP2A	X	-4.341	.25
32	MP2A	Z	-7.518	.25
33	MP2A	Mx	-.002	.25
34	MP2A	X	-4.341	5.25
35	MP2A	Z	-7.518	5.25
36	MP2A	Mx	-.002	5.25
37	MP2C	X	-3.119	.25
38	MP2C	Z	-5.402	.25
39	MP2C	Mx	-.003	.25
40	MP2C	X	-3.119	5.25
41	MP2C	Z	-5.402	5.25
42	MP2C	Mx	-.003	5.25
43	MP2A	X	-4.341	.25
44	MP2A	Z	-7.518	.25
45	MP2A	Mx	.007	.25
46	MP2A	X	-4.341	5.25
47	MP2A	Z	-7.518	5.25
48	MP2A	Mx	.007	5.25
49	MP2C	X	-3.119	.25
50	MP2C	Z	-5.402	.25
51	MP2C	Mx	-.003	.25
52	MP2C	X	-3.119	5.25
53	MP2C	Z	-5.402	5.25
54	MP2C	Mx	-.003	5.25
55	MP2B	X	-5.372	.25
56	MP2B	Z	-9.305	.25
57	MP2B	Mx	.01	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-5.372	5.25
59	MP2B	Z	-9.305	5.25
60	MP2B	Mx	.01	5.25
61	MP2B	X	-5.372	.25
62	MP2B	Z	-9.305	.25
63	MP2B	Mx	-.005	.25
64	MP2B	X	-5.372	5.25
65	MP2B	Z	-9.305	5.25
66	MP2B	Mx	-.005	5.25
67	MP4A	X	-1.708	1.13
68	MP4A	Z	-2.959	1.13
69	MP4A	Mx	.000854	1.13
70	MP4A	X	-1.708	3.13
71	MP4A	Z	-2.959	3.13
72	MP4A	Mx	.000854	3.13
73	MP4B	X	-1.804	1.13
74	MP4B	Z	-3.124	1.13
75	MP4B	Mx	.000762	1.13
76	MP4B	X	-1.804	3.13
77	MP4B	Z	-3.124	3.13
78	MP4B	Mx	.000762	3.13
79	MP4C	X	-.704	1.13
80	MP4C	Z	-1.219	1.13
81	MP4C	Mx	-.000704	1.13
82	MP4C	X	-.704	3.13
83	MP4C	Z	-1.219	3.13
84	MP4C	Mx	-.000704	3.13
85	MP1A	X	-1.483	2
86	MP1A	Z	-2.568	2
87	MP1A	Mx	-.000494	2
88	MP1B	X	-1.483	2
89	MP1B	Z	-2.568	2
90	MP1B	Mx	-.000494	2
91	MP1C	X	-1.084	2
92	MP1C	Z	-1.878	2
93	MP1C	Mx	.000723	2
94	MP2A	X	-1.457	2
95	MP2A	Z	-2.523	2
96	MP2A	Mx	-.000486	2
97	MP2B	X	-1.457	2
98	MP2B	Z	-2.523	2
99	MP2B	Mx	-.000485	2
100	MP2C	X	-.98	2
101	MP2C	Z	-1.697	2
102	MP2C	Mx	.000653	2
103	MP2A	X	-.356	5
104	MP2A	Z	-.617	5
105	MP2A	Mx	-.000119	5
106	MP2B	X	-.356	5
107	MP2B	Z	-.617	5
108	MP2B	Mx	-.000119	5
109	MP2C	X	-.267	5
110	MP2C	Z	-.462	5
111	MP2C	Mx	.000178	5
112	OVP	X	-2.71	.75
113	OVP	Z	-4.694	.75
114	OVP	Mx	0	.75

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M77	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M83	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M24	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M27	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	Y	0	6
2	MP2C	My	0	6
3	MP2C	Mz	0	6
4	MP2C	Y	0	7
5	MP2C	My	0	7
6	MP2C	Mz	0	7
7	MP2C	Y	0	6
8	MP2C	My	0	6
9	MP2C	Mz	0	6
10	MP2C	Y	0	7
11	MP2C	My	0	7
12	MP2C	Mz	0	7
13	MP1A	Y	0	.25
14	MP1A	My	0	.25
15	MP1A	Mz	0	.25
16	MP1A	Y	0	4
17	MP1A	My	0	4
18	MP1A	Mz	0	4
19	MP1B	Y	0	.25
20	MP1B	My	0	.25
21	MP1B	Mz	0	.25
22	MP1B	Y	0	4
23	MP1B	My	0	4
24	MP1B	Mz	0	4
25	MP1C	Y	0	.25
26	MP1C	My	0	.25
27	MP1C	Mz	0	.25
28	MP1C	Y	0	4
29	MP1C	My	0	4
30	MP1C	Mz	0	4
31	MP2A	Y	0	.25
32	MP2A	My	0	.25
33	MP2A	Mz	0	.25
34	MP2A	Y	0	5.25
35	MP2A	My	0	5.25
36	MP2A	Mz	0	5.25
37	MP2C	Y	0	.25
38	MP2C	My	0	.25
39	MP2C	Mz	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP2C	Y	0	5.25
41	MP2C	My	0	5.25
42	MP2C	Mz	0	5.25
43	MP2A	Y	0	.25
44	MP2A	My	0	.25
45	MP2A	Mz	0	.25
46	MP2A	Y	0	5.25
47	MP2A	My	0	5.25
48	MP2A	Mz	0	5.25
49	MP2C	Y	0	.25
50	MP2C	My	0	.25
51	MP2C	Mz	0	.25
52	MP2C	Y	0	5.25
53	MP2C	My	0	5.25
54	MP2C	Mz	0	5.25
55	MP2B	Y	0	.25
56	MP2B	My	0	.25
57	MP2B	Mz	0	.25
58	MP2B	Y	0	5.25
59	MP2B	My	0	5.25
60	MP2B	Mz	0	5.25
61	MP2B	Y	0	.25
62	MP2B	My	0	.25
63	MP2B	Mz	0	.25
64	MP2B	Y	0	5.25
65	MP2B	My	0	5.25
66	MP2B	Mz	0	5.25
67	MP4A	Y	0	1.13
68	MP4A	My	0	1.13
69	MP4A	Mz	0	1.13
70	MP4A	Y	0	3.13
71	MP4A	My	0	3.13
72	MP4A	Mz	0	3.13
73	MP4B	Y	0	1.13
74	MP4B	My	0	1.13
75	MP4B	Mz	0	1.13
76	MP4B	Y	0	3.13
77	MP4B	My	0	3.13
78	MP4B	Mz	0	3.13
79	MP4C	Y	0	1.13
80	MP4C	My	0	1.13
81	MP4C	Mz	0	1.13
82	MP4C	Y	0	3.13
83	MP4C	My	0	3.13
84	MP4C	Mz	0	3.13
85	MP1A	Y	0	2
86	MP1A	My	0	2
87	MP1A	Mz	0	2
88	MP1B	Y	0	2
89	MP1B	My	0	2
90	MP1B	Mz	0	2
91	MP1C	Y	0	2
92	MP1C	My	0	2
93	MP1C	Mz	0	2
94	MP2A	Y	0	2
95	MP2A	My	0	2
96	MP2A	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2B	Y	0	2
98	MP2B	My	0	2
99	MP2B	Mz	0	2
100	MP2C	Y	0	2
101	MP2C	My	0	2
102	MP2C	Mz	0	2
103	MP2A	Y	0	5
104	MP2A	My	0	5
105	MP2A	Mz	0	5
106	MP2B	Y	0	5
107	MP2B	My	0	5
108	MP2B	Mz	0	5
109	MP2C	Y	0	5
110	MP2C	My	0	5
111	MP2C	Mz	0	5
112	OVP	Y	0	.75
113	OVP	My	0	.75
114	OVP	Mz	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	Z	-.264	6
2	MP2C	Mx	.000273	6
3	MP2C	Z	-.264	7
4	MP2C	Mx	.000273	7
5	MP2C	Z	-.264	6
6	MP2C	Mx	.000185	6
7	MP2C	Z	-.264	7
8	MP2C	Mx	.000185	7
9	MP1A	Z	-.214	.25
10	MP1A	Mx	0	.25
11	MP1A	Z	-.214	4
12	MP1A	Mx	0	4
13	MP1B	Z	-.214	.25
14	MP1B	Mx	9.3e-5	.25
15	MP1B	Z	-.214	4
16	MP1B	Mx	9.3e-5	4
17	MP1C	Z	-.214	.25
18	MP1C	Mx	-9.3e-5	.25
19	MP1C	Z	-.214	4
20	MP1C	Mx	-9.3e-5	4
21	MP2A	Z	-.95	.25
22	MP2A	Mx	-.000554	.25
23	MP2A	Z	-.95	5.25
24	MP2A	Mx	-.000554	5.25
25	MP2C	Z	-.95	.25
26	MP2C	Mx	-.000134	.25
27	MP2C	Z	-.95	5.25
28	MP2C	Mx	-.000134	5.25
29	MP2A	Z	-.95	.25
30	MP2A	Mx	.000554	.25
31	MP2A	Z	-.95	5.25
32	MP2A	Mx	.000554	5.25
33	MP2C	Z	-.95	.25
34	MP2C	Mx	-.000688	.25
35	MP2C	Z	-.95	5.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.000688	5.25
37	MP2B	Z	-1.373	.25
38	MP2B	Mx	.001	.25
39	MP2B	Z	-1.373	5.25
40	MP2B	Mx	.001	5.25
41	MP2B	Z	-1.373	.25
42	MP2B	Mx	-4.5e-5	.25
43	MP2B	Z	-1.373	5.25
44	MP2B	Mx	-4.5e-5	5.25
45	MP4A	Z	-1.306	1.13
46	MP4A	Mx	0	1.13
47	MP4A	Z	-1.306	3.13
48	MP4A	Mx	0	3.13
49	MP4B	Z	-1.306	1.13
50	MP4B	Mx	.000535	1.13
51	MP4B	Z	-1.306	3.13
52	MP4B	Mx	.000535	3.13
53	MP4C	Z	-1.306	1.13
54	MP4C	Mx	-.000566	1.13
55	MP4C	Z	-1.306	3.13
56	MP4C	Mx	-.000566	3.13
57	MP1A	Z	-2.241	2
58	MP1A	Mx	0	2
59	MP1B	Z	-2.241	2
60	MP1B	Mx	-.000647	2
61	MP1C	Z	-2.241	2
62	MP1C	Mx	.000647	2
63	MP2A	Z	-2.109	2
64	MP2A	Mx	0	2
65	MP2B	Z	-2.109	2
66	MP2B	Mx	-.000609	2
67	MP2C	Z	-2.109	2
68	MP2C	Mx	.000609	2
69	MP2A	Z	-.312	5
70	MP2A	Mx	0	5
71	MP2B	Z	-.312	5
72	MP2B	Mx	-9e-5	5
73	MP2C	Z	-.312	5
74	MP2C	Mx	9e-5	5
75	OVP	Z	-.96	.75
76	OVP	Mx	0	.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2C	X	.264	6
2	MP2C	Mx	-5.6e-5	6
3	MP2C	X	.264	7
4	MP2C	Mx	-5.6e-5	7
5	MP2C	X	.264	6
6	MP2C	Mx	-.000208	6
7	MP2C	X	.264	7
8	MP2C	Mx	-.000208	7
9	MP1A	X	.214	.25
10	MP1A	Mx	-.000107	.25
11	MP1A	X	.214	4
12	MP1A	Mx	-.000107	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP1B	X	.214	.25
14	MP1B	Mx	5.4e-5	.25
15	MP1B	X	.214	4
16	MP1B	Mx	5.4e-5	4
17	MP1C	X	.214	.25
18	MP1C	Mx	5.4e-5	.25
19	MP1C	X	.214	4
20	MP1C	Mx	5.4e-5	4
21	MP2A	X	.95	.25
22	MP2A	Mx	-.000475	.25
23	MP2A	X	.95	5.25
24	MP2A	Mx	-.000475	5.25
25	MP2C	X	.95	.25
26	MP2C	Mx	.000717	.25
27	MP2C	X	.95	5.25
28	MP2C	Mx	.000717	5.25
29	MP2A	X	.95	.25
30	MP2A	Mx	-.000475	.25
31	MP2A	X	.95	5.25
32	MP2A	Mx	-.000475	5.25
33	MP2C	X	.95	.25
34	MP2C	Mx	-.000242	.25
35	MP2C	X	.95	5.25
36	MP2C	Mx	-.000242	5.25
37	MP2B	X	1.373	.25
38	MP2B	Mx	-.000473	.25
39	MP2B	X	1.373	5.25
40	MP2B	Mx	-.000473	5.25
41	MP2B	X	1.373	.25
42	MP2B	Mx	.001	.25
43	MP2B	X	1.373	5.25
44	MP2B	Mx	.001	5.25
45	MP4A	X	1.306	1.13
46	MP4A	Mx	-.000653	1.13
47	MP4A	X	1.306	3.13
48	MP4A	Mx	-.000653	3.13
49	MP4B	X	1.306	1.13
50	MP4B	Mx	.000375	1.13
51	MP4B	X	1.306	3.13
52	MP4B	Mx	.000375	3.13
53	MP4C	X	1.306	1.13
54	MP4C	Mx	.000327	1.13
55	MP4C	X	1.306	3.13
56	MP4C	Mx	.000327	3.13
57	MP1A	X	2.241	2
58	MP1A	Mx	.000747	2
59	MP1B	X	2.241	2
60	MP1B	Mx	-.000374	2
61	MP1C	X	2.241	2
62	MP1C	Mx	-.000374	2
63	MP2A	X	2.109	2
64	MP2A	Mx	.000703	2
65	MP2B	X	2.109	2
66	MP2B	Mx	-.000352	2
67	MP2C	X	2.109	2
68	MP2C	Mx	-.000352	2
69	MP2A	X	.312	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2A	Mx	.000104	5
71	MP2B	X	.312	5
72	MP2B	Mx	-5.2e-5	5
73	MP2C	X	.312	5
74	MP2C	Mx	-5.2e-5	5
75	OVP	X	.96	.75
76	OVP	Mx	0	.75

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	Y	-7.559	-7.559	0	%100
2	M5	Y	-7.559	-7.559	0	%100
3	M11	Y	-7.559	-7.559	0	%100
4	M17	Y	-7.559	-7.559	0	%100
5	M18	Y	-10.069	-10.069	0	%100
6	M19	Y	-6.518	-6.518	0	%100
7	M20	Y	-6.518	-6.518	0	%100
8	M21	Y	-6.518	-6.518	0	%100
9	M22	Y	-6.518	-6.518	0	%100
10	M23	Y	-6.518	-6.518	0	%100
11	M24	Y	-6.518	-6.518	0	%100
12	M25	Y	-6.518	-6.518	0	%100
13	M26	Y	-6.518	-6.518	0	%100
14	M27	Y	-6.518	-6.518	0	%100
15	M28	Y	-6.568	-6.568	0	%100
16	M29	Y	-6.568	-6.568	0	%100
17	M30	Y	-6.568	-6.568	0	%100
18	M31	Y	-6.568	-6.568	0	%100
19	M32	Y	-6.568	-6.568	0	%100
20	M33	Y	-6.568	-6.568	0	%100
21	M38	Y	-6.568	-6.568	0	%100
22	M39	Y	-6.568	-6.568	0	%100
23	M44	Y	-6.568	-6.568	0	%100
24	M45	Y	-6.568	-6.568	0	%100
25	M50	Y	-6.568	-6.568	0	%100
26	M51	Y	-6.568	-6.568	0	%100
27	MP4A	Y	-4.94	-4.94	0	%100
28	MP3A	Y	-4.94	-4.94	0	%100
29	MP2A	Y	-4.94	-4.94	0	%100
30	MP1A	Y	-4.94	-4.94	0	%100
31	M122A	Y	-10.069	-10.069	0	%100
32	M123A	Y	-10.069	-10.069	0	%100
33	M128	Y	-6.568	-6.568	0	%100
34	M129	Y	-6.568	-6.568	0	%100
35	M138	Y	-6.568	-6.568	0	%100
36	M141	Y	-6.568	-6.568	0	%100
37	M150	Y	-6.568	-6.568	0	%100
38	M153	Y	-6.568	-6.568	0	%100
39	M98A	Y	-7.559	-7.559	0	%100
40	M99	Y	-7.559	-7.559	0	%100
41	MP4C	Y	-4.94	-4.94	0	%100
42	MP3C	Y	-4.94	-4.94	0	%100
43	MP2C	Y	-4.94	-4.94	0	%100
44	MP1C	Y	-4.94	-4.94	0	%100
45	MP4B	Y	-4.94	-4.94	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	MP3B	Y	-4.94	-4.94	0	%100
47	MP2B	Y	-4.94	-4.94	0	%100
48	MP1B	Y	-4.94	-4.94	0	%100
49	OVP	Y	-4.94	-4.94	0	%100
50	M100	Y	-5.641	-5.641	0	%100
51	M107	Y	-5.641	-5.641	0	%100
52	M114	Y	-5.641	-5.641	0	%100
53	M117	Y	-7.559	-7.559	0	%100
54	M118	Y	-7.559	-7.559	0	%100
55	M119	Y	-7.559	-7.559	0	%100
56	M121	Y	-10.55	-10.55	0	%100
57	M123	Y	-10.55	-10.55	0	%100
58	M125A	Y	-10.55	-10.55	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	0	0	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	-8.581	-8.581	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	-8.581	-8.581	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	-5.872	-5.872	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	-2.854	-2.854	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	-2.854	-2.854	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	-11.418	-11.418	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	-2.797	-2.797	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	-2.797	-2.797	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	-11.188	-11.188	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	-2.854	-2.854	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	-2.854	-2.854	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	-11.418	-11.418	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	-1.7e-5	-1.7e-5	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-10.045	-10.045	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-10.071	-10.071	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	-10.045	-10.045	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	-1.7e-5	-1.7e-5	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-10.071	-10.071	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	-9.828	-9.828	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-9.828	-9.828	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	-9.828	-9.828	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	-9.828	-9.828	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	-9.298	-9.298	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	-9.298	-9.298	0	%100
57	MP2A	X	0	0	0	%100
58	MP2A	Z	-9.298	-9.298	0	%100
59	MP1A	X	0	0	0	%100
60	MP1A	Z	-9.298	-9.298	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	-23.489	-23.489	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	-5.872	-5.872	0	%100
65	M128	X	0	0	0	%100
66	M128	Z	-1.4e-5	-1.4e-5	0	%100
67	M129	X	0	0	0	%100
68	M129	Z	-1.4e-5	-1.4e-5	0	%100
69	M138	X	0	0	0	%100
70	M138	Z	-8.173	-8.173	0	%100
71	M141	X	0	0	0	%100
72	M141	Z	-8.194	-8.194	0	%100
73	M150	X	0	0	0	%100
74	M150	Z	-8.194	-8.194	0	%100
75	M153	X	0	0	0	%100
76	M153	Z	-8.173	-8.173	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	-7.837	-7.837	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	-7.837	-7.837	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	-9.298	-9.298	0	%100
83	MP3C	X	0	0	0	%100
84	MP3C	Z	-9.298	-9.298	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-9.298	-9.298	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-9.298	-9.298	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	-9.298	-9.298	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-9.298	-9.298	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-9.298	-9.298	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-9.298	-9.298	0	%100
97	OVP	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
98	OVP	Z	-7.603	-7.603	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	-11.255	-11.255	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	-2.814	-2.814	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-2.814	-2.814	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	-3.486	-3.486	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	-13.943	-13.943	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	-3.486	-3.486	0	%100
111	M121	X	0	0	0	%100
112	M121	Z	-7.021	-7.021	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-14.34	-14.34	0	%100
115	M125A	X	0	0	0	%100
116	M125A	Z	-14.34	-14.34	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.306	1.306	0	%100
2	M4	Z	-2.262	-2.262	0	%100
3	M5	X	1.43	1.43	0	%100
4	M5	Z	-2.477	-2.477	0	%100
5	M11	X	1.43	1.43	0	%100
6	M11	Z	-2.477	-2.477	0	%100
7	M17	X	5.72	5.72	0	%100
8	M17	Z	-9.908	-9.908	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	4.282	4.282	0	%100
12	M19	Z	-7.416	-7.416	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	4.282	4.282	0	%100
16	M21	Z	-7.416	-7.416	0	%100
17	M22	X	4.195	4.195	0	%100
18	M22	Z	-7.267	-7.267	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	4.195	4.195	0	%100
22	M24	Z	-7.267	-7.267	0	%100
23	M25	X	4.282	4.282	0	%100
24	M25	Z	-7.416	-7.416	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	4.282	4.282	0	%100
28	M27	Z	-7.416	-7.416	0	%100
29	M28	X	1.683	1.683	0	%100
30	M28	Z	-2.915	-2.915	0	%100
31	M29	X	1.67	1.67	0	%100
32	M29	Z	-2.892	-2.892	0	%100
33	M30	X	6.705	6.705	0	%100
34	M30	Z	-11.614	-11.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M31	X	6.705	6.705	0	%100
36	M31	Z	-11.614	-11.614	0	%100
37	M32	X	1.67	1.67	0	%100
38	M32	Z	-2.892	-2.892	0	%100
39	M33	X	1.683	1.683	0	%100
40	M33	Z	-2.915	-2.915	0	%100
41	M38	X	1.638	1.638	0	%100
42	M38	Z	-2.837	-2.837	0	%100
43	M39	X	1.638	1.638	0	%100
44	M39	Z	-2.837	-2.837	0	%100
45	M44	X	1.638	1.638	0	%100
46	M44	Z	-2.837	-2.837	0	%100
47	M45	X	1.638	1.638	0	%100
48	M45	Z	-2.837	-2.837	0	%100
49	M50	X	6.552	6.552	0	%100
50	M50	Z	-11.348	-11.348	0	%100
51	M51	X	6.552	6.552	0	%100
52	M51	Z	-11.348	-11.348	0	%100
53	MP4A	X	4.649	4.649	0	%100
54	MP4A	Z	-8.052	-8.052	0	%100
55	MP3A	X	4.649	4.649	0	%100
56	MP3A	Z	-8.052	-8.052	0	%100
57	MP2A	X	4.649	4.649	0	%100
58	MP2A	Z	-8.052	-8.052	0	%100
59	MP1A	X	4.649	4.649	0	%100
60	MP1A	Z	-8.052	-8.052	0	%100
61	M122A	X	8.808	8.808	0	%100
62	M122A	Z	-15.257	-15.257	0	%100
63	M123A	X	8.808	8.808	0	%100
64	M123A	Z	-15.257	-15.257	0	%100
65	M128	X	1.369	1.369	0	%100
66	M128	Z	-2.371	-2.371	0	%100
67	M129	X	1.359	1.359	0	%100
68	M129	Z	-2.353	-2.353	0	%100
69	M138	X	1.359	1.359	0	%100
70	M138	Z	-2.353	-2.353	0	%100
71	M141	X	1.369	1.369	0	%100
72	M141	Z	-2.371	-2.371	0	%100
73	M150	X	5.455	5.455	0	%100
74	M150	Z	-9.449	-9.449	0	%100
75	M153	X	5.455	5.455	0	%100
76	M153	Z	-9.449	-9.449	0	%100
77	M98A	X	1.306	1.306	0	%100
78	M98A	Z	-2.262	-2.262	0	%100
79	M99	X	5.225	5.225	0	%100
80	M99	Z	-9.05	-9.05	0	%100
81	MP4C	X	4.649	4.649	0	%100
82	MP4C	Z	-8.052	-8.052	0	%100
83	MP3C	X	4.649	4.649	0	%100
84	MP3C	Z	-8.052	-8.052	0	%100
85	MP2C	X	4.649	4.649	0	%100
86	MP2C	Z	-8.052	-8.052	0	%100
87	MP1C	X	4.649	4.649	0	%100
88	MP1C	Z	-8.052	-8.052	0	%100
89	MP4B	X	4.649	4.649	0	%100
90	MP4B	Z	-8.052	-8.052	0	%100
91	MP3B	X	4.649	4.649	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
92	MP3B	Z	-8.052	-8.052	0	%100
93	MP2B	X	4.649	4.649	0	%100
94	MP2B	Z	-8.052	-8.052	0	%100
95	MP1B	X	4.649	4.649	0	%100
96	MP1B	Z	-8.052	-8.052	0	%100
97	OVP	X	3.802	3.802	0	%100
98	OVP	Z	-6.585	-6.585	0	%100
99	M100	X	4.221	4.221	0	%100
100	M100	Z	-7.31	-7.31	0	%100
101	M107	X	4.221	4.221	0	%100
102	M107	Z	-7.31	-7.31	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	5.229	5.229	0	%100
106	M117	Z	-9.056	-9.056	0	%100
107	M118	X	5.229	5.229	0	%100
108	M118	Z	-9.056	-9.056	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	4.73	4.73	0	%100
112	M121	Z	-8.193	-8.193	0	%100
113	M123	X	4.73	4.73	0	%100
114	M123	Z	-8.193	-8.193	0	%100
115	M125A	X	8.39	8.39	0	%100
116	M125A	Z	-14.531	-14.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	6.787	6.787	0	%100
2	M4	Z	-3.919	-3.919	0	%100
3	M5	X	7.431	7.431	0	%100
4	M5	Z	-4.29	-4.29	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	7.431	7.431	0	%100
8	M17	Z	-4.29	-4.29	0	%100
9	M18	X	5.086	5.086	0	%100
10	M18	Z	-2.936	-2.936	0	%100
11	M19	X	9.888	9.888	0	%100
12	M19	Z	-5.709	-5.709	0	%100
13	M20	X	2.472	2.472	0	%100
14	M20	Z	-1.427	-1.427	0	%100
15	M21	X	2.472	2.472	0	%100
16	M21	Z	-1.427	-1.427	0	%100
17	M22	X	9.689	9.689	0	%100
18	M22	Z	-5.594	-5.594	0	%100
19	M23	X	2.422	2.422	0	%100
20	M23	Z	-1.398	-1.398	0	%100
21	M24	X	2.422	2.422	0	%100
22	M24	Z	-1.398	-1.398	0	%100
23	M25	X	9.888	9.888	0	%100
24	M25	Z	-5.709	-5.709	0	%100
25	M26	X	2.472	2.472	0	%100
26	M26	Z	-1.427	-1.427	0	%100
27	M27	X	2.472	2.472	0	%100
28	M27	Z	-1.427	-1.427	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M28	X	8.722	8.722	0	%100
30	M28	Z	-5.035	-5.035	0	%100
31	M29	X	1.5e-5	1.5e-5	0	%100
32	M29	Z	-8e-6	-8e-6	0	%100
33	M30	X	8.699	8.699	0	%100
34	M30	Z	-5.022	-5.022	0	%100
35	M31	X	8.722	8.722	0	%100
36	M31	Z	-5.035	-5.035	0	%100
37	M32	X	8.699	8.699	0	%100
38	M32	Z	-5.022	-5.022	0	%100
39	M33	X	1.5e-5	1.5e-5	0	%100
40	M33	Z	-8e-6	-8e-6	0	%100
41	M38	X	8.511	8.511	0	%100
42	M38	Z	-4.914	-4.914	0	%100
43	M39	X	8.511	8.511	0	%100
44	M39	Z	-4.914	-4.914	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	8.511	8.511	0	%100
50	M50	Z	-4.914	-4.914	0	%100
51	M51	X	8.511	8.511	0	%100
52	M51	Z	-4.914	-4.914	0	%100
53	MP4A	X	8.052	8.052	0	%100
54	MP4A	Z	-4.649	-4.649	0	%100
55	MP3A	X	8.052	8.052	0	%100
56	MP3A	Z	-4.649	-4.649	0	%100
57	MP2A	X	8.052	8.052	0	%100
58	MP2A	Z	-4.649	-4.649	0	%100
59	MP1A	X	8.052	8.052	0	%100
60	MP1A	Z	-4.649	-4.649	0	%100
61	M122A	X	5.086	5.086	0	%100
62	M122A	Z	-2.936	-2.936	0	%100
63	M123A	X	20.342	20.342	0	%100
64	M123A	Z	-11.745	-11.745	0	%100
65	M128	X	7.096	7.096	0	%100
66	M128	Z	-4.097	-4.097	0	%100
67	M129	X	7.078	7.078	0	%100
68	M129	Z	-4.086	-4.086	0	%100
69	M138	X	1.2e-5	1.2e-5	0	%100
70	M138	Z	-7e-6	-7e-6	0	%100
71	M141	X	1.2e-5	1.2e-5	0	%100
72	M141	Z	-7e-6	-7e-6	0	%100
73	M150	X	7.078	7.078	0	%100
74	M150	Z	-4.086	-4.086	0	%100
75	M153	X	7.096	7.096	0	%100
76	M153	Z	-4.097	-4.097	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	6.787	6.787	0	%100
80	M99	Z	-3.919	-3.919	0	%100
81	MP4C	X	8.052	8.052	0	%100
82	MP4C	Z	-4.649	-4.649	0	%100
83	MP3C	X	8.052	8.052	0	%100
84	MP3C	Z	-4.649	-4.649	0	%100
85	MP2C	X	8.052	8.052	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	MP2C	Z	-4.649	-4.649	0	%100
87	MP1C	X	8.052	8.052	0	%100
88	MP1C	Z	-4.649	-4.649	0	%100
89	MP4B	X	8.052	8.052	0	%100
90	MP4B	Z	-4.649	-4.649	0	%100
91	MP3B	X	8.052	8.052	0	%100
92	MP3B	Z	-4.649	-4.649	0	%100
93	MP2B	X	8.052	8.052	0	%100
94	MP2B	Z	-4.649	-4.649	0	%100
95	MP1B	X	8.052	8.052	0	%100
96	MP1B	Z	-4.649	-4.649	0	%100
97	OVP	X	6.585	6.585	0	%100
98	OVP	Z	-3.802	-3.802	0	%100
99	M100	X	2.437	2.437	0	%100
100	M100	Z	-1.407	-1.407	0	%100
101	M107	X	9.747	9.747	0	%100
102	M107	Z	-5.628	-5.628	0	%100
103	M114	X	2.437	2.437	0	%100
104	M114	Z	-1.407	-1.407	0	%100
105	M117	X	12.075	12.075	0	%100
106	M117	Z	-6.971	-6.971	0	%100
107	M118	X	3.019	3.019	0	%100
108	M118	Z	-1.743	-1.743	0	%100
109	M119	X	3.019	3.019	0	%100
110	M119	Z	-1.743	-1.743	0	%100
111	M121	X	12.419	12.419	0	%100
112	M121	Z	-7.17	-7.17	0	%100
113	M123	X	6.081	6.081	0	%100
114	M123	Z	-3.511	-3.511	0	%100
115	M125A	X	12.419	12.419	0	%100
116	M125A	Z	-7.17	-7.17	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	10.45	10.45	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	11.441	11.441	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	2.86	2.86	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	2.86	2.86	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	17.617	17.617	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	8.563	8.563	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	8.563	8.563	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	0	0	0	%100
17	M22	X	8.391	8.391	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	8.391	8.391	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M25	X	8.563	8.563	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	8.563	8.563	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	0	0	0	%100
29	M28	X	13.41	13.41	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	3.366	3.366	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	3.34	3.34	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	3.366	3.366	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	13.41	13.41	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	3.34	3.34	0	%100
40	M33	Z	0	0	0	%100
41	M38	X	13.104	13.104	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	13.104	13.104	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	3.276	3.276	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	3.276	3.276	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	3.276	3.276	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	3.276	3.276	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	9.298	9.298	0	%100
54	MP4A	Z	0	0	0	%100
55	MP3A	X	9.298	9.298	0	%100
56	MP3A	Z	0	0	0	%100
57	MP2A	X	9.298	9.298	0	%100
58	MP2A	Z	0	0	0	%100
59	MP1A	X	9.298	9.298	0	%100
60	MP1A	Z	0	0	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	0	0	0	%100
63	M123A	X	17.617	17.617	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	10.911	10.911	0	%100
66	M128	Z	0	0	0	%100
67	M129	X	10.911	10.911	0	%100
68	M129	Z	0	0	0	%100
69	M138	X	2.738	2.738	0	%100
70	M138	Z	0	0	0	%100
71	M141	X	2.717	2.717	0	%100
72	M141	Z	0	0	0	%100
73	M150	X	2.717	2.717	0	%100
74	M150	Z	0	0	0	%100
75	M153	X	2.738	2.738	0	%100
76	M153	Z	0	0	0	%100
77	M98A	X	2.612	2.612	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	2.612	2.612	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	M99	Z	0	0	0	%100
81	MP4C	X	9.298	9.298	0	%100
82	MP4C	Z	0	0	0	%100
83	MP3C	X	9.298	9.298	0	%100
84	MP3C	Z	0	0	0	%100
85	MP2C	X	9.298	9.298	0	%100
86	MP2C	Z	0	0	0	%100
87	MP1C	X	9.298	9.298	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4B	X	9.298	9.298	0	%100
90	MP4B	Z	0	0	0	%100
91	MP3B	X	9.298	9.298	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	9.298	9.298	0	%100
94	MP2B	Z	0	0	0	%100
95	MP1B	X	9.298	9.298	0	%100
96	MP1B	Z	0	0	0	%100
97	OVP	X	7.603	7.603	0	%100
98	OVP	Z	0	0	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	0	0	0	%100
101	M107	X	8.441	8.441	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	8.441	8.441	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	10.457	10.457	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M119	X	10.457	10.457	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	16.779	16.779	0	%100
112	M121	Z	0	0	0	%100
113	M123	X	9.461	9.461	0	%100
114	M123	Z	0	0	0	%100
115	M125A	X	9.461	9.461	0	%100
116	M125A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	6.787	6.787	0	%100
2	M4	Z	3.919	3.919	0	%100
3	M5	X	7.431	7.431	0	%100
4	M5	Z	4.29	4.29	0	%100
5	M11	X	7.431	7.431	0	%100
6	M11	Z	4.29	4.29	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	20.342	20.342	0	%100
10	M18	Z	11.745	11.745	0	%100
11	M19	X	2.472	2.472	0	%100
12	M19	Z	1.427	1.427	0	%100
13	M20	X	9.888	9.888	0	%100
14	M20	Z	5.709	5.709	0	%100
15	M21	X	2.472	2.472	0	%100
16	M21	Z	1.427	1.427	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M22	X	2.422	2.422	0	%100
18	M22	Z	1.398	1.398	0	%100
19	M23	X	9.689	9.689	0	%100
20	M23	Z	5.594	5.594	0	%100
21	M24	X	2.422	2.422	0	%100
22	M24	Z	1.398	1.398	0	%100
23	M25	X	2.472	2.472	0	%100
24	M25	Z	1.427	1.427	0	%100
25	M26	X	9.888	9.888	0	%100
26	M26	Z	5.709	5.709	0	%100
27	M27	X	2.472	2.472	0	%100
28	M27	Z	1.427	1.427	0	%100
29	M28	X	8.699	8.699	0	%100
30	M28	Z	5.022	5.022	0	%100
31	M29	X	8.722	8.722	0	%100
32	M29	Z	5.035	5.035	0	%100
33	M30	X	1.5e-5	1.5e-5	0	%100
34	M30	Z	8e-6	8e-6	0	%100
35	M31	X	1.5e-5	1.5e-5	0	%100
36	M31	Z	8e-6	8e-6	0	%100
37	M32	X	8.722	8.722	0	%100
38	M32	Z	5.035	5.035	0	%100
39	M33	X	8.699	8.699	0	%100
40	M33	Z	5.022	5.022	0	%100
41	M38	X	8.511	8.511	0	%100
42	M38	Z	4.914	4.914	0	%100
43	M39	X	8.511	8.511	0	%100
44	M39	Z	4.914	4.914	0	%100
45	M44	X	8.511	8.511	0	%100
46	M44	Z	4.914	4.914	0	%100
47	M45	X	8.511	8.511	0	%100
48	M45	Z	4.914	4.914	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	8.052	8.052	0	%100
54	MP4A	Z	4.649	4.649	0	%100
55	MP3A	X	8.052	8.052	0	%100
56	MP3A	Z	4.649	4.649	0	%100
57	MP2A	X	8.052	8.052	0	%100
58	MP2A	Z	4.649	4.649	0	%100
59	MP1A	X	8.052	8.052	0	%100
60	MP1A	Z	4.649	4.649	0	%100
61	M122A	X	5.086	5.086	0	%100
62	M122A	Z	2.936	2.936	0	%100
63	M123A	X	5.086	5.086	0	%100
64	M123A	Z	2.936	2.936	0	%100
65	M128	X	7.078	7.078	0	%100
66	M128	Z	4.086	4.086	0	%100
67	M129	X	7.096	7.096	0	%100
68	M129	Z	4.097	4.097	0	%100
69	M138	X	7.096	7.096	0	%100
70	M138	Z	4.097	4.097	0	%100
71	M141	X	7.078	7.078	0	%100
72	M141	Z	4.086	4.086	0	%100
73	M150	X	1.2e-5	1.2e-5	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M150	Z	7e-6	7e-6	0	%100
75	M153	X	1.2e-5	1.2e-5	0	%100
76	M153	Z	7e-6	7e-6	0	%100
77	M98A	X	6.787	6.787	0	%100
78	M98A	Z	3.919	3.919	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	8.052	8.052	0	%100
82	MP4C	Z	4.649	4.649	0	%100
83	MP3C	X	8.052	8.052	0	%100
84	MP3C	Z	4.649	4.649	0	%100
85	MP2C	X	8.052	8.052	0	%100
86	MP2C	Z	4.649	4.649	0	%100
87	MP1C	X	8.052	8.052	0	%100
88	MP1C	Z	4.649	4.649	0	%100
89	MP4B	X	8.052	8.052	0	%100
90	MP4B	Z	4.649	4.649	0	%100
91	MP3B	X	8.052	8.052	0	%100
92	MP3B	Z	4.649	4.649	0	%100
93	MP2B	X	8.052	8.052	0	%100
94	MP2B	Z	4.649	4.649	0	%100
95	MP1B	X	8.052	8.052	0	%100
96	MP1B	Z	4.649	4.649	0	%100
97	OVP	X	6.585	6.585	0	%100
98	OVP	Z	3.802	3.802	0	%100
99	M100	X	2.437	2.437	0	%100
100	M100	Z	1.407	1.407	0	%100
101	M107	X	2.437	2.437	0	%100
102	M107	Z	1.407	1.407	0	%100
103	M114	X	9.747	9.747	0	%100
104	M114	Z	5.628	5.628	0	%100
105	M117	X	3.019	3.019	0	%100
106	M117	Z	1.743	1.743	0	%100
107	M118	X	3.019	3.019	0	%100
108	M118	Z	1.743	1.743	0	%100
109	M119	X	12.075	12.075	0	%100
110	M119	Z	6.971	6.971	0	%100
111	M121	X	12.419	12.419	0	%100
112	M121	Z	7.17	7.17	0	%100
113	M123	X	12.419	12.419	0	%100
114	M123	Z	7.17	7.17	0	%100
115	M125A	X	6.081	6.081	0	%100
116	M125A	Z	3.511	3.511	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.306	1.306	0	%100
2	M4	Z	2.262	2.262	0	%100
3	M5	X	1.43	1.43	0	%100
4	M5	Z	2.477	2.477	0	%100
5	M11	X	5.72	5.72	0	%100
6	M11	Z	9.908	9.908	0	%100
7	M17	X	1.43	1.43	0	%100
8	M17	Z	2.477	2.477	0	%100
9	M18	X	8.808	8.808	0	%100
10	M18	Z	15.257	15.257	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	M19	X	0	0	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	4.282	4.282	0	%100
14	M20	Z	7.416	7.416	0	%100
15	M21	X	4.282	4.282	0	%100
16	M21	Z	7.416	7.416	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	4.195	4.195	0	%100
20	M23	Z	7.267	7.267	0	%100
21	M24	X	4.195	4.195	0	%100
22	M24	Z	7.267	7.267	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	4.282	4.282	0	%100
26	M26	Z	7.416	7.416	0	%100
27	M27	X	4.282	4.282	0	%100
28	M27	Z	7.416	7.416	0	%100
29	M28	X	1.67	1.67	0	%100
30	M28	Z	2.892	2.892	0	%100
31	M29	X	6.705	6.705	0	%100
32	M29	Z	11.614	11.614	0	%100
33	M30	X	1.683	1.683	0	%100
34	M30	Z	2.915	2.915	0	%100
35	M31	X	1.67	1.67	0	%100
36	M31	Z	2.892	2.892	0	%100
37	M32	X	1.683	1.683	0	%100
38	M32	Z	2.915	2.915	0	%100
39	M33	X	6.705	6.705	0	%100
40	M33	Z	11.614	11.614	0	%100
41	M38	X	1.638	1.638	0	%100
42	M38	Z	2.837	2.837	0	%100
43	M39	X	1.638	1.638	0	%100
44	M39	Z	2.837	2.837	0	%100
45	M44	X	6.552	6.552	0	%100
46	M44	Z	11.348	11.348	0	%100
47	M45	X	6.552	6.552	0	%100
48	M45	Z	11.348	11.348	0	%100
49	M50	X	1.638	1.638	0	%100
50	M50	Z	2.837	2.837	0	%100
51	M51	X	1.638	1.638	0	%100
52	M51	Z	2.837	2.837	0	%100
53	MP4A	X	4.649	4.649	0	%100
54	MP4A	Z	8.052	8.052	0	%100
55	MP3A	X	4.649	4.649	0	%100
56	MP3A	Z	8.052	8.052	0	%100
57	MP2A	X	4.649	4.649	0	%100
58	MP2A	Z	8.052	8.052	0	%100
59	MP1A	X	4.649	4.649	0	%100
60	MP1A	Z	8.052	8.052	0	%100
61	M122A	X	8.808	8.808	0	%100
62	M122A	Z	15.257	15.257	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	1.359	1.359	0	%100
66	M128	Z	2.353	2.353	0	%100
67	M129	X	1.369	1.369	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
68	M129	Z	2.371	2.371	0	%100
69	M138	X	5.455	5.455	0	%100
70	M138	Z	9.449	9.449	0	%100
71	M141	X	5.455	5.455	0	%100
72	M141	Z	9.449	9.449	0	%100
73	M150	X	1.369	1.369	0	%100
74	M150	Z	2.371	2.371	0	%100
75	M153	X	1.359	1.359	0	%100
76	M153	Z	2.353	2.353	0	%100
77	M98A	X	5.225	5.225	0	%100
78	M98A	Z	9.05	9.05	0	%100
79	M99	X	1.306	1.306	0	%100
80	M99	Z	2.262	2.262	0	%100
81	MP4C	X	4.649	4.649	0	%100
82	MP4C	Z	8.052	8.052	0	%100
83	MP3C	X	4.649	4.649	0	%100
84	MP3C	Z	8.052	8.052	0	%100
85	MP2C	X	4.649	4.649	0	%100
86	MP2C	Z	8.052	8.052	0	%100
87	MP1C	X	4.649	4.649	0	%100
88	MP1C	Z	8.052	8.052	0	%100
89	MP4B	X	4.649	4.649	0	%100
90	MP4B	Z	8.052	8.052	0	%100
91	MP3B	X	4.649	4.649	0	%100
92	MP3B	Z	8.052	8.052	0	%100
93	MP2B	X	4.649	4.649	0	%100
94	MP2B	Z	8.052	8.052	0	%100
95	MP1B	X	4.649	4.649	0	%100
96	MP1B	Z	8.052	8.052	0	%100
97	OVP	X	3.802	3.802	0	%100
98	OVP	Z	6.585	6.585	0	%100
99	M100	X	4.221	4.221	0	%100
100	M100	Z	7.31	7.31	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	4.221	4.221	0	%100
104	M114	Z	7.31	7.31	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	5.229	5.229	0	%100
108	M118	Z	9.056	9.056	0	%100
109	M119	X	5.229	5.229	0	%100
110	M119	Z	9.056	9.056	0	%100
111	M121	X	4.73	4.73	0	%100
112	M121	Z	8.193	8.193	0	%100
113	M123	X	8.39	8.39	0	%100
114	M123	Z	14.531	14.531	0	%100
115	M125A	X	4.73	4.73	0	%100
116	M125A	Z	8.193	8.193	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	0	0	0	%100
4	M5	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M11	X	0	0	0	%100
6	M11	Z	8.581	8.581	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	8.581	8.581	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	5.872	5.872	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	2.854	2.854	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	2.854	2.854	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	11.418	11.418	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	2.797	2.797	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	2.797	2.797	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	11.188	11.188	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	2.854	2.854	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	2.854	2.854	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	11.418	11.418	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	1.7e-5	1.7e-5	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	10.045	10.045	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	10.071	10.071	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	10.045	10.045	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	1.7e-5	1.7e-5	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	10.071	10.071	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	9.828	9.828	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	9.828	9.828	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	9.828	9.828	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	9.828	9.828	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	9.298	9.298	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	9.298	9.298	0	%100
57	MP2A	X	0	0	0	%100
58	MP2A	Z	9.298	9.298	0	%100
59	MP1A	X	0	0	0	%100
60	MP1A	Z	9.298	9.298	0	%100
61	M122A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	M122A	Z	23.489	23.489	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	5.872	5.872	0	%100
65	M128	X	0	0	0	%100
66	M128	Z	1.4e-5	1.4e-5	0	%100
67	M129	X	0	0	0	%100
68	M129	Z	1.4e-5	1.4e-5	0	%100
69	M138	X	0	0	0	%100
70	M138	Z	8.173	8.173	0	%100
71	M141	X	0	0	0	%100
72	M141	Z	8.194	8.194	0	%100
73	M150	X	0	0	0	%100
74	M150	Z	8.194	8.194	0	%100
75	M153	X	0	0	0	%100
76	M153	Z	8.173	8.173	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	7.837	7.837	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	7.837	7.837	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	9.298	9.298	0	%100
83	MP3C	X	0	0	0	%100
84	MP3C	Z	9.298	9.298	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	9.298	9.298	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	9.298	9.298	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	9.298	9.298	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	9.298	9.298	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	9.298	9.298	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	9.298	9.298	0	%100
97	OVP	X	0	0	0	%100
98	OVP	Z	7.603	7.603	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	11.255	11.255	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	2.814	2.814	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	2.814	2.814	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	3.486	3.486	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	13.943	13.943	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	3.486	3.486	0	%100
111	M121	X	0	0	0	%100
112	M121	Z	7.021	7.021	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	14.34	14.34	0	%100
115	M125A	X	0	0	0	%100
116	M125A	Z	14.34	14.34	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.306	-1.306	0	%100
2	M4	Z	2.262	2.262	0	%100
3	M5	X	-1.43	-1.43	0	%100
4	M5	Z	2.477	2.477	0	%100
5	M11	X	-1.43	-1.43	0	%100
6	M11	Z	2.477	2.477	0	%100
7	M17	X	-5.72	-5.72	0	%100
8	M17	Z	9.908	9.908	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	-4.282	-4.282	0	%100
12	M19	Z	7.416	7.416	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	-4.282	-4.282	0	%100
16	M21	Z	7.416	7.416	0	%100
17	M22	X	-4.195	-4.195	0	%100
18	M22	Z	7.267	7.267	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	-4.195	-4.195	0	%100
22	M24	Z	7.267	7.267	0	%100
23	M25	X	-4.282	-4.282	0	%100
24	M25	Z	7.416	7.416	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	-4.282	-4.282	0	%100
28	M27	Z	7.416	7.416	0	%100
29	M28	X	-1.683	-1.683	0	%100
30	M28	Z	2.915	2.915	0	%100
31	M29	X	-1.67	-1.67	0	%100
32	M29	Z	2.892	2.892	0	%100
33	M30	X	-6.705	-6.705	0	%100
34	M30	Z	11.614	11.614	0	%100
35	M31	X	-6.705	-6.705	0	%100
36	M31	Z	11.614	11.614	0	%100
37	M32	X	-1.67	-1.67	0	%100
38	M32	Z	2.892	2.892	0	%100
39	M33	X	-1.683	-1.683	0	%100
40	M33	Z	2.915	2.915	0	%100
41	M38	X	-1.638	-1.638	0	%100
42	M38	Z	2.837	2.837	0	%100
43	M39	X	-1.638	-1.638	0	%100
44	M39	Z	2.837	2.837	0	%100
45	M44	X	-1.638	-1.638	0	%100
46	M44	Z	2.837	2.837	0	%100
47	M45	X	-1.638	-1.638	0	%100
48	M45	Z	2.837	2.837	0	%100
49	M50	X	-6.552	-6.552	0	%100
50	M50	Z	11.348	11.348	0	%100
51	M51	X	-6.552	-6.552	0	%100
52	M51	Z	11.348	11.348	0	%100
53	MP4A	X	-4.649	-4.649	0	%100
54	MP4A	Z	8.052	8.052	0	%100
55	MP3A	X	-4.649	-4.649	0	%100
56	MP3A	Z	8.052	8.052	0	%100
57	MP2A	X	-4.649	-4.649	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP2A	Z	8.052	8.052	0	%100
59	MP1A	X	-4.649	-4.649	0	%100
60	MP1A	Z	8.052	8.052	0	%100
61	M122A	X	-8.808	-8.808	0	%100
62	M122A	Z	15.257	15.257	0	%100
63	M123A	X	-8.808	-8.808	0	%100
64	M123A	Z	15.257	15.257	0	%100
65	M128	X	-1.369	-1.369	0	%100
66	M128	Z	2.371	2.371	0	%100
67	M129	X	-1.359	-1.359	0	%100
68	M129	Z	2.353	2.353	0	%100
69	M138	X	-1.359	-1.359	0	%100
70	M138	Z	2.353	2.353	0	%100
71	M141	X	-1.369	-1.369	0	%100
72	M141	Z	2.371	2.371	0	%100
73	M150	X	-5.455	-5.455	0	%100
74	M150	Z	9.449	9.449	0	%100
75	M153	X	-5.455	-5.455	0	%100
76	M153	Z	9.449	9.449	0	%100
77	M98A	X	-1.306	-1.306	0	%100
78	M98A	Z	2.262	2.262	0	%100
79	M99	X	-5.225	-5.225	0	%100
80	M99	Z	9.05	9.05	0	%100
81	MP4C	X	-4.649	-4.649	0	%100
82	MP4C	Z	8.052	8.052	0	%100
83	MP3C	X	-4.649	-4.649	0	%100
84	MP3C	Z	8.052	8.052	0	%100
85	MP2C	X	-4.649	-4.649	0	%100
86	MP2C	Z	8.052	8.052	0	%100
87	MP1C	X	-4.649	-4.649	0	%100
88	MP1C	Z	8.052	8.052	0	%100
89	MP4B	X	-4.649	-4.649	0	%100
90	MP4B	Z	8.052	8.052	0	%100
91	MP3B	X	-4.649	-4.649	0	%100
92	MP3B	Z	8.052	8.052	0	%100
93	MP2B	X	-4.649	-4.649	0	%100
94	MP2B	Z	8.052	8.052	0	%100
95	MP1B	X	-4.649	-4.649	0	%100
96	MP1B	Z	8.052	8.052	0	%100
97	OVP	X	-3.802	-3.802	0	%100
98	OVP	Z	6.585	6.585	0	%100
99	M100	X	-4.221	-4.221	0	%100
100	M100	Z	7.31	7.31	0	%100
101	M107	X	-4.221	-4.221	0	%100
102	M107	Z	7.31	7.31	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	-5.229	-5.229	0	%100
106	M117	Z	9.056	9.056	0	%100
107	M118	X	-5.229	-5.229	0	%100
108	M118	Z	9.056	9.056	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	-4.73	-4.73	0	%100
112	M121	Z	8.193	8.193	0	%100
113	M123	X	-4.73	-4.73	0	%100
114	M123	Z	8.193	8.193	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125A	X	-8.39	-8.39	0	%100
116	M125A	Z	14.531	14.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-6.787	-6.787	0	%100
2	M4	Z	3.919	3.919	0	%100
3	M5	X	-7.431	-7.431	0	%100
4	M5	Z	4.29	4.29	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	-7.431	-7.431	0	%100
8	M17	Z	4.29	4.29	0	%100
9	M18	X	-5.086	-5.086	0	%100
10	M18	Z	2.936	2.936	0	%100
11	M19	X	-9.888	-9.888	0	%100
12	M19	Z	5.709	5.709	0	%100
13	M20	X	-2.472	-2.472	0	%100
14	M20	Z	1.427	1.427	0	%100
15	M21	X	-2.472	-2.472	0	%100
16	M21	Z	1.427	1.427	0	%100
17	M22	X	-9.689	-9.689	0	%100
18	M22	Z	5.594	5.594	0	%100
19	M23	X	-2.422	-2.422	0	%100
20	M23	Z	1.398	1.398	0	%100
21	M24	X	-2.422	-2.422	0	%100
22	M24	Z	1.398	1.398	0	%100
23	M25	X	-9.888	-9.888	0	%100
24	M25	Z	5.709	5.709	0	%100
25	M26	X	-2.472	-2.472	0	%100
26	M26	Z	1.427	1.427	0	%100
27	M27	X	-2.472	-2.472	0	%100
28	M27	Z	1.427	1.427	0	%100
29	M28	X	-8.722	-8.722	0	%100
30	M28	Z	5.035	5.035	0	%100
31	M29	X	-1.5e-5	-1.5e-5	0	%100
32	M29	Z	8e-6	8e-6	0	%100
33	M30	X	-8.699	-8.699	0	%100
34	M30	Z	5.022	5.022	0	%100
35	M31	X	-8.722	-8.722	0	%100
36	M31	Z	5.035	5.035	0	%100
37	M32	X	-8.699	-8.699	0	%100
38	M32	Z	5.022	5.022	0	%100
39	M33	X	-1.5e-5	-1.5e-5	0	%100
40	M33	Z	8e-6	8e-6	0	%100
41	M38	X	-8.511	-8.511	0	%100
42	M38	Z	4.914	4.914	0	%100
43	M39	X	-8.511	-8.511	0	%100
44	M39	Z	4.914	4.914	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	-8.511	-8.511	0	%100
50	M50	Z	4.914	4.914	0	%100
51	M51	X	-8.511	-8.511	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M51	Z	4.914	4.914	0	%100
53	MP4A	X	-8.052	-8.052	0	%100
54	MP4A	Z	4.649	4.649	0	%100
55	MP3A	X	-8.052	-8.052	0	%100
56	MP3A	Z	4.649	4.649	0	%100
57	MP2A	X	-8.052	-8.052	0	%100
58	MP2A	Z	4.649	4.649	0	%100
59	MP1A	X	-8.052	-8.052	0	%100
60	MP1A	Z	4.649	4.649	0	%100
61	M122A	X	-5.086	-5.086	0	%100
62	M122A	Z	2.936	2.936	0	%100
63	M123A	X	-20.342	-20.342	0	%100
64	M123A	Z	11.745	11.745	0	%100
65	M128	X	-7.096	-7.096	0	%100
66	M128	Z	4.097	4.097	0	%100
67	M129	X	-7.078	-7.078	0	%100
68	M129	Z	4.086	4.086	0	%100
69	M138	X	-1.2e-5	-1.2e-5	0	%100
70	M138	Z	7e-6	7e-6	0	%100
71	M141	X	-1.2e-5	-1.2e-5	0	%100
72	M141	Z	7e-6	7e-6	0	%100
73	M150	X	-7.078	-7.078	0	%100
74	M150	Z	4.086	4.086	0	%100
75	M153	X	-7.096	-7.096	0	%100
76	M153	Z	4.097	4.097	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	-6.787	-6.787	0	%100
80	M99	Z	3.919	3.919	0	%100
81	MP4C	X	-8.052	-8.052	0	%100
82	MP4C	Z	4.649	4.649	0	%100
83	MP3C	X	-8.052	-8.052	0	%100
84	MP3C	Z	4.649	4.649	0	%100
85	MP2C	X	-8.052	-8.052	0	%100
86	MP2C	Z	4.649	4.649	0	%100
87	MP1C	X	-8.052	-8.052	0	%100
88	MP1C	Z	4.649	4.649	0	%100
89	MP4B	X	-8.052	-8.052	0	%100
90	MP4B	Z	4.649	4.649	0	%100
91	MP3B	X	-8.052	-8.052	0	%100
92	MP3B	Z	4.649	4.649	0	%100
93	MP2B	X	-8.052	-8.052	0	%100
94	MP2B	Z	4.649	4.649	0	%100
95	MP1B	X	-8.052	-8.052	0	%100
96	MP1B	Z	4.649	4.649	0	%100
97	OVP	X	-6.585	-6.585	0	%100
98	OVP	Z	3.802	3.802	0	%100
99	M100	X	-2.437	-2.437	0	%100
100	M100	Z	1.407	1.407	0	%100
101	M107	X	-9.747	-9.747	0	%100
102	M107	Z	5.628	5.628	0	%100
103	M114	X	-2.437	-2.437	0	%100
104	M114	Z	1.407	1.407	0	%100
105	M117	X	-12.075	-12.075	0	%100
106	M117	Z	6.971	6.971	0	%100
107	M118	X	-3.019	-3.019	0	%100
108	M118	Z	1.743	1.743	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M119	X	-3.019	-3.019	0	%100
110	M119	Z	1.743	1.743	0	%100
111	M121	X	-12.419	-12.419	0	%100
112	M121	Z	7.17	7.17	0	%100
113	M123	X	-6.081	-6.081	0	%100
114	M123	Z	3.511	3.511	0	%100
115	M125A	X	-12.419	-12.419	0	%100
116	M125A	Z	7.17	7.17	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-10.45	-10.45	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	-11.441	-11.441	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	-2.86	-2.86	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	-2.86	-2.86	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	-17.617	-17.617	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	-8.563	-8.563	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	-8.563	-8.563	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	0	0	0	%100
17	M22	X	-8.391	-8.391	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	-8.391	-8.391	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M25	X	-8.563	-8.563	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	-8.563	-8.563	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	0	0	0	%100
29	M28	X	-13.41	-13.41	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	-3.366	-3.366	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-3.34	-3.34	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-3.366	-3.366	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-13.41	-13.41	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	-3.34	-3.34	0	%100
40	M33	Z	0	0	0	%100
41	M38	X	-13.104	-13.104	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-13.104	-13.104	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	-3.276	-3.276	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M44	Z	0	0	0	%100
47	M45	X	-3.276	-3.276	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	-3.276	-3.276	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	-3.276	-3.276	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	-9.298	-9.298	0	%100
54	MP4A	Z	0	0	0	%100
55	MP3A	X	-9.298	-9.298	0	%100
56	MP3A	Z	0	0	0	%100
57	MP2A	X	-9.298	-9.298	0	%100
58	MP2A	Z	0	0	0	%100
59	MP1A	X	-9.298	-9.298	0	%100
60	MP1A	Z	0	0	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	0	0	0	%100
63	M123A	X	-17.617	-17.617	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	-10.911	-10.911	0	%100
66	M128	Z	0	0	0	%100
67	M129	X	-10.911	-10.911	0	%100
68	M129	Z	0	0	0	%100
69	M138	X	-2.738	-2.738	0	%100
70	M138	Z	0	0	0	%100
71	M141	X	-2.717	-2.717	0	%100
72	M141	Z	0	0	0	%100
73	M150	X	-2.717	-2.717	0	%100
74	M150	Z	0	0	0	%100
75	M153	X	-2.738	-2.738	0	%100
76	M153	Z	0	0	0	%100
77	M98A	X	-2.612	-2.612	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	-2.612	-2.612	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	-9.298	-9.298	0	%100
82	MP4C	Z	0	0	0	%100
83	MP3C	X	-9.298	-9.298	0	%100
84	MP3C	Z	0	0	0	%100
85	MP2C	X	-9.298	-9.298	0	%100
86	MP2C	Z	0	0	0	%100
87	MP1C	X	-9.298	-9.298	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4B	X	-9.298	-9.298	0	%100
90	MP4B	Z	0	0	0	%100
91	MP3B	X	-9.298	-9.298	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	-9.298	-9.298	0	%100
94	MP2B	Z	0	0	0	%100
95	MP1B	X	-9.298	-9.298	0	%100
96	MP1B	Z	0	0	0	%100
97	OVP	X	-7.603	-7.603	0	%100
98	OVP	Z	0	0	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	0	0	0	%100
101	M107	X	-8.441	-8.441	0	%100
102	M107	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M114	X	-8.441	-8.441	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	-10.457	-10.457	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M119	X	-10.457	-10.457	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	-16.779	-16.779	0	%100
112	M121	Z	0	0	0	%100
113	M123	X	-9.461	-9.461	0	%100
114	M123	Z	0	0	0	%100
115	M125A	X	-9.461	-9.461	0	%100
116	M125A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-6.787	-6.787	0	%100
2	M4	Z	-3.919	-3.919	0	%100
3	M5	X	-7.431	-7.431	0	%100
4	M5	Z	-4.29	-4.29	0	%100
5	M11	X	-7.431	-7.431	0	%100
6	M11	Z	-4.29	-4.29	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	-20.342	-20.342	0	%100
10	M18	Z	-11.745	-11.745	0	%100
11	M19	X	-2.472	-2.472	0	%100
12	M19	Z	-1.427	-1.427	0	%100
13	M20	X	-9.888	-9.888	0	%100
14	M20	Z	-5.709	-5.709	0	%100
15	M21	X	-2.472	-2.472	0	%100
16	M21	Z	-1.427	-1.427	0	%100
17	M22	X	-2.422	-2.422	0	%100
18	M22	Z	-1.398	-1.398	0	%100
19	M23	X	-9.689	-9.689	0	%100
20	M23	Z	-5.594	-5.594	0	%100
21	M24	X	-2.422	-2.422	0	%100
22	M24	Z	-1.398	-1.398	0	%100
23	M25	X	-2.472	-2.472	0	%100
24	M25	Z	-1.427	-1.427	0	%100
25	M26	X	-9.888	-9.888	0	%100
26	M26	Z	-5.709	-5.709	0	%100
27	M27	X	-2.472	-2.472	0	%100
28	M27	Z	-1.427	-1.427	0	%100
29	M28	X	-8.699	-8.699	0	%100
30	M28	Z	-5.022	-5.022	0	%100
31	M29	X	-8.722	-8.722	0	%100
32	M29	Z	-5.035	-5.035	0	%100
33	M30	X	-1.5e-5	-1.5e-5	0	%100
34	M30	Z	-8e-6	-8e-6	0	%100
35	M31	X	-1.5e-5	-1.5e-5	0	%100
36	M31	Z	-8e-6	-8e-6	0	%100
37	M32	X	-8.722	-8.722	0	%100
38	M32	Z	-5.035	-5.035	0	%100
39	M33	X	-8.699	-8.699	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M33	Z	-5.022	-5.022	0	%100
41	M38	X	-8.511	-8.511	0	%100
42	M38	Z	-4.914	-4.914	0	%100
43	M39	X	-8.511	-8.511	0	%100
44	M39	Z	-4.914	-4.914	0	%100
45	M44	X	-8.511	-8.511	0	%100
46	M44	Z	-4.914	-4.914	0	%100
47	M45	X	-8.511	-8.511	0	%100
48	M45	Z	-4.914	-4.914	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	-8.052	-8.052	0	%100
54	MP4A	Z	-4.649	-4.649	0	%100
55	MP3A	X	-8.052	-8.052	0	%100
56	MP3A	Z	-4.649	-4.649	0	%100
57	MP2A	X	-8.052	-8.052	0	%100
58	MP2A	Z	-4.649	-4.649	0	%100
59	MP1A	X	-8.052	-8.052	0	%100
60	MP1A	Z	-4.649	-4.649	0	%100
61	M122A	X	-5.086	-5.086	0	%100
62	M122A	Z	-2.936	-2.936	0	%100
63	M123A	X	-5.086	-5.086	0	%100
64	M123A	Z	-2.936	-2.936	0	%100
65	M128	X	-7.078	-7.078	0	%100
66	M128	Z	-4.086	-4.086	0	%100
67	M129	X	-7.096	-7.096	0	%100
68	M129	Z	-4.097	-4.097	0	%100
69	M138	X	-7.096	-7.096	0	%100
70	M138	Z	-4.097	-4.097	0	%100
71	M141	X	-7.078	-7.078	0	%100
72	M141	Z	-4.086	-4.086	0	%100
73	M150	X	-1.2e-5	-1.2e-5	0	%100
74	M150	Z	-7e-6	-7e-6	0	%100
75	M153	X	-1.2e-5	-1.2e-5	0	%100
76	M153	Z	-7e-6	-7e-6	0	%100
77	M98A	X	-6.787	-6.787	0	%100
78	M98A	Z	-3.919	-3.919	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	-8.052	-8.052	0	%100
82	MP4C	Z	-4.649	-4.649	0	%100
83	MP3C	X	-8.052	-8.052	0	%100
84	MP3C	Z	-4.649	-4.649	0	%100
85	MP2C	X	-8.052	-8.052	0	%100
86	MP2C	Z	-4.649	-4.649	0	%100
87	MP1C	X	-8.052	-8.052	0	%100
88	MP1C	Z	-4.649	-4.649	0	%100
89	MP4B	X	-8.052	-8.052	0	%100
90	MP4B	Z	-4.649	-4.649	0	%100
91	MP3B	X	-8.052	-8.052	0	%100
92	MP3B	Z	-4.649	-4.649	0	%100
93	MP2B	X	-8.052	-8.052	0	%100
94	MP2B	Z	-4.649	-4.649	0	%100
95	MP1B	X	-8.052	-8.052	0	%100
96	MP1B	Z	-4.649	-4.649	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	OVP	X	-6.585	-6.585	0	%100
98	OVP	Z	-3.802	-3.802	0	%100
99	M100	X	-2.437	-2.437	0	%100
100	M100	Z	-1.407	-1.407	0	%100
101	M107	X	-2.437	-2.437	0	%100
102	M107	Z	-1.407	-1.407	0	%100
103	M114	X	-9.747	-9.747	0	%100
104	M114	Z	-5.628	-5.628	0	%100
105	M117	X	-3.019	-3.019	0	%100
106	M117	Z	-1.743	-1.743	0	%100
107	M118	X	-3.019	-3.019	0	%100
108	M118	Z	-1.743	-1.743	0	%100
109	M119	X	-12.075	-12.075	0	%100
110	M119	Z	-6.971	-6.971	0	%100
111	M121	X	-12.419	-12.419	0	%100
112	M121	Z	-7.17	-7.17	0	%100
113	M123	X	-12.419	-12.419	0	%100
114	M123	Z	-7.17	-7.17	0	%100
115	M125A	X	-6.081	-6.081	0	%100
116	M125A	Z	-3.511	-3.511	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.306	-1.306	0	%100
2	M4	Z	-2.262	-2.262	0	%100
3	M5	X	-1.43	-1.43	0	%100
4	M5	Z	-2.477	-2.477	0	%100
5	M11	X	-5.72	-5.72	0	%100
6	M11	Z	-9.908	-9.908	0	%100
7	M17	X	-1.43	-1.43	0	%100
8	M17	Z	-2.477	-2.477	0	%100
9	M18	X	-8.808	-8.808	0	%100
10	M18	Z	-15.257	-15.257	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	-4.282	-4.282	0	%100
14	M20	Z	-7.416	-7.416	0	%100
15	M21	X	-4.282	-4.282	0	%100
16	M21	Z	-7.416	-7.416	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	-4.195	-4.195	0	%100
20	M23	Z	-7.267	-7.267	0	%100
21	M24	X	-4.195	-4.195	0	%100
22	M24	Z	-7.267	-7.267	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	-4.282	-4.282	0	%100
26	M26	Z	-7.416	-7.416	0	%100
27	M27	X	-4.282	-4.282	0	%100
28	M27	Z	-7.416	-7.416	0	%100
29	M28	X	-1.67	-1.67	0	%100
30	M28	Z	-2.892	-2.892	0	%100
31	M29	X	-6.705	-6.705	0	%100
32	M29	Z	-11.614	-11.614	0	%100
33	M30	X	-1.683	-1.683	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M30	Z	-2.915	-2.915	0	%100
35	M31	X	-1.67	-1.67	0	%100
36	M31	Z	-2.892	-2.892	0	%100
37	M32	X	-1.683	-1.683	0	%100
38	M32	Z	-2.915	-2.915	0	%100
39	M33	X	-6.705	-6.705	0	%100
40	M33	Z	-11.614	-11.614	0	%100
41	M38	X	-1.638	-1.638	0	%100
42	M38	Z	-2.837	-2.837	0	%100
43	M39	X	-1.638	-1.638	0	%100
44	M39	Z	-2.837	-2.837	0	%100
45	M44	X	-6.552	-6.552	0	%100
46	M44	Z	-11.348	-11.348	0	%100
47	M45	X	-6.552	-6.552	0	%100
48	M45	Z	-11.348	-11.348	0	%100
49	M50	X	-1.638	-1.638	0	%100
50	M50	Z	-2.837	-2.837	0	%100
51	M51	X	-1.638	-1.638	0	%100
52	M51	Z	-2.837	-2.837	0	%100
53	MP4A	X	-4.649	-4.649	0	%100
54	MP4A	Z	-8.052	-8.052	0	%100
55	MP3A	X	-4.649	-4.649	0	%100
56	MP3A	Z	-8.052	-8.052	0	%100
57	MP2A	X	-4.649	-4.649	0	%100
58	MP2A	Z	-8.052	-8.052	0	%100
59	MP1A	X	-4.649	-4.649	0	%100
60	MP1A	Z	-8.052	-8.052	0	%100
61	M122A	X	-8.808	-8.808	0	%100
62	M122A	Z	-15.257	-15.257	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	-1.359	-1.359	0	%100
66	M128	Z	-2.353	-2.353	0	%100
67	M129	X	-1.369	-1.369	0	%100
68	M129	Z	-2.371	-2.371	0	%100
69	M138	X	-5.455	-5.455	0	%100
70	M138	Z	-9.449	-9.449	0	%100
71	M141	X	-5.455	-5.455	0	%100
72	M141	Z	-9.449	-9.449	0	%100
73	M150	X	-1.369	-1.369	0	%100
74	M150	Z	-2.371	-2.371	0	%100
75	M153	X	-1.359	-1.359	0	%100
76	M153	Z	-2.353	-2.353	0	%100
77	M98A	X	-5.225	-5.225	0	%100
78	M98A	Z	-9.05	-9.05	0	%100
79	M99	X	-1.306	-1.306	0	%100
80	M99	Z	-2.262	-2.262	0	%100
81	MP4C	X	-4.649	-4.649	0	%100
82	MP4C	Z	-8.052	-8.052	0	%100
83	MP3C	X	-4.649	-4.649	0	%100
84	MP3C	Z	-8.052	-8.052	0	%100
85	MP2C	X	-4.649	-4.649	0	%100
86	MP2C	Z	-8.052	-8.052	0	%100
87	MP1C	X	-4.649	-4.649	0	%100
88	MP1C	Z	-8.052	-8.052	0	%100
89	MP4B	X	-4.649	-4.649	0	%100
90	MP4B	Z	-8.052	-8.052	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP3B	X	-4.649	-4.649	0	%100
92	MP3B	Z	-8.052	-8.052	0	%100
93	MP2B	X	-4.649	-4.649	0	%100
94	MP2B	Z	-8.052	-8.052	0	%100
95	MP1B	X	-4.649	-4.649	0	%100
96	MP1B	Z	-8.052	-8.052	0	%100
97	OVP	X	-3.802	-3.802	0	%100
98	OVP	Z	-6.585	-6.585	0	%100
99	M100	X	-4.221	-4.221	0	%100
100	M100	Z	-7.31	-7.31	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	-4.221	-4.221	0	%100
104	M114	Z	-7.31	-7.31	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	-5.229	-5.229	0	%100
108	M118	Z	-9.056	-9.056	0	%100
109	M119	X	-5.229	-5.229	0	%100
110	M119	Z	-9.056	-9.056	0	%100
111	M121	X	-4.73	-4.73	0	%100
112	M121	Z	-8.193	-8.193	0	%100
113	M123	X	-8.39	-8.39	0	%100
114	M123	Z	-14.531	-14.531	0	%100
115	M125A	X	-4.73	-4.73	0	%100
116	M125A	Z	-8.193	-8.193	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	0	0	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	-2.266	-2.266	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	-2.266	-2.266	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	-1.079	-1.079	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	-.751	-.751	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	-.751	-.751	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	-3.004	-3.004	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	-.734	-.734	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	-.734	-.734	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	-2.936	-2.936	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	-.751	-.751	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	-.751	-.751	0	%100
27	M27	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M27	Z	-3.004	-3.004	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	-4e-6	-4e-6	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-2.308	-2.308	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-2.314	-2.314	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	-2.308	-2.308	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	-4e-6	-4e-6	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-2.314	-2.314	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	-2.255	-2.255	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-2.255	-2.255	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	-2.255	-2.255	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	-2.255	-2.255	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	-2.705	-2.705	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	-2.705	-2.705	0	%100
57	MP2A	X	0	0	0	%100
58	MP2A	Z	-2.705	-2.705	0	%100
59	MP1A	X	0	0	0	%100
60	MP1A	Z	-2.705	-2.705	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	-4.317	-4.317	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	-1.079	-1.079	0	%100
65	M128	X	0	0	0	%100
66	M128	Z	-3e-6	-3e-6	0	%100
67	M129	X	0	0	0	%100
68	M129	Z	-3e-6	-3e-6	0	%100
69	M138	X	0	0	0	%100
70	M138	Z	-1.856	-1.856	0	%100
71	M141	X	0	0	0	%100
72	M141	Z	-1.861	-1.861	0	%100
73	M150	X	0	0	0	%100
74	M150	Z	-1.861	-1.861	0	%100
75	M153	X	0	0	0	%100
76	M153	Z	-1.856	-1.856	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	-2.072	-2.072	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	-2.072	-2.072	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	-2.705	-2.705	0	%100
83	MP3C	X	0	0	0	%100
84	MP3C	Z	-2.705	-2.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-2.705	-2.705	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-2.705	-2.705	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	-2.705	-2.705	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-2.705	-2.705	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-2.705	-2.705	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-2.705	-2.705	0	%100
97	OVP	X	0	0	0	%100
98	OVP	Z	-2.225	-2.225	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	-2.994	-2.994	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	-.749	-.749	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-.749	-.749	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	-.756	-.756	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	-3.026	-3.026	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	-.756	-.756	0	%100
111	M121	X	0	0	0	%100
112	M121	Z	-1.333	-1.333	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-3.127	-3.127	0	%100
115	M125A	X	0	0	0	%100
116	M125A	Z	-3.127	-3.127	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.345	.345	0	%100
2	M4	Z	-.598	-.598	0	%100
3	M5	X	.378	.378	0	%100
4	M5	Z	-.654	-.654	0	%100
5	M11	X	.378	.378	0	%100
6	M11	Z	-.654	-.654	0	%100
7	M17	X	1.511	1.511	0	%100
8	M17	Z	-2.617	-2.617	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	1.126	1.126	0	%100
12	M19	Z	-1.951	-1.951	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	1.126	1.126	0	%100
16	M21	Z	-1.951	-1.951	0	%100
17	M22	X	1.101	1.101	0	%100
18	M22	Z	-1.907	-1.907	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	1.101	1.101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M24	Z	-1.907	-1.907	0	%100
23	M25	X	1.126	1.126	0	%100
24	M25	Z	-1.951	-1.951	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	1.126	1.126	0	%100
28	M27	Z	-1.951	-1.951	0	%100
29	M28	X	.387	.387	0	%100
30	M28	Z	-.67	-.67	0	%100
31	M29	X	.384	.384	0	%100
32	M29	Z	-.665	-.665	0	%100
33	M30	X	1.541	1.541	0	%100
34	M30	Z	-2.669	-2.669	0	%100
35	M31	X	1.541	1.541	0	%100
36	M31	Z	-2.669	-2.669	0	%100
37	M32	X	.384	.384	0	%100
38	M32	Z	-.665	-.665	0	%100
39	M33	X	.387	.387	0	%100
40	M33	Z	-.67	-.67	0	%100
41	M38	X	.376	.376	0	%100
42	M38	Z	-.651	-.651	0	%100
43	M39	X	.376	.376	0	%100
44	M39	Z	-.651	-.651	0	%100
45	M44	X	.376	.376	0	%100
46	M44	Z	-.651	-.651	0	%100
47	M45	X	.376	.376	0	%100
48	M45	Z	-.651	-.651	0	%100
49	M50	X	1.503	1.503	0	%100
50	M50	Z	-2.604	-2.604	0	%100
51	M51	X	1.503	1.503	0	%100
52	M51	Z	-2.604	-2.604	0	%100
53	MP4A	X	1.352	1.352	0	%100
54	MP4A	Z	-2.342	-2.342	0	%100
55	MP3A	X	1.352	1.352	0	%100
56	MP3A	Z	-2.342	-2.342	0	%100
57	MP2A	X	1.352	1.352	0	%100
58	MP2A	Z	-2.342	-2.342	0	%100
59	MP1A	X	1.352	1.352	0	%100
60	MP1A	Z	-2.342	-2.342	0	%100
61	M122A	X	1.619	1.619	0	%100
62	M122A	Z	-2.804	-2.804	0	%100
63	M123A	X	1.619	1.619	0	%100
64	M123A	Z	-2.804	-2.804	0	%100
65	M128	X	.311	.311	0	%100
66	M128	Z	-.539	-.539	0	%100
67	M129	X	.309	.309	0	%100
68	M129	Z	-.534	-.534	0	%100
69	M138	X	.309	.309	0	%100
70	M138	Z	-.534	-.534	0	%100
71	M141	X	.311	.311	0	%100
72	M141	Z	-.539	-.539	0	%100
73	M150	X	1.239	1.239	0	%100
74	M150	Z	-2.146	-2.146	0	%100
75	M153	X	1.239	1.239	0	%100
76	M153	Z	-2.146	-2.146	0	%100
77	M98A	X	.345	.345	0	%100
78	M98A	Z	-.598	-.598	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M99	X	1.381	1.381	0	%100
80	M99	Z	-2.392	-2.392	0	%100
81	MP4C	X	1.352	1.352	0	%100
82	MP4C	Z	-2.342	-2.342	0	%100
83	MP3C	X	1.352	1.352	0	%100
84	MP3C	Z	-2.342	-2.342	0	%100
85	MP2C	X	1.352	1.352	0	%100
86	MP2C	Z	-2.342	-2.342	0	%100
87	MP1C	X	1.352	1.352	0	%100
88	MP1C	Z	-2.342	-2.342	0	%100
89	MP4B	X	1.352	1.352	0	%100
90	MP4B	Z	-2.342	-2.342	0	%100
91	MP3B	X	1.352	1.352	0	%100
92	MP3B	Z	-2.342	-2.342	0	%100
93	MP2B	X	1.352	1.352	0	%100
94	MP2B	Z	-2.342	-2.342	0	%100
95	MP1B	X	1.352	1.352	0	%100
96	MP1B	Z	-2.342	-2.342	0	%100
97	OVP	X	1.112	1.112	0	%100
98	OVP	Z	-1.927	-1.927	0	%100
99	M100	X	1.123	1.123	0	%100
100	M100	Z	-1.945	-1.945	0	%100
101	M107	X	1.123	1.123	0	%100
102	M107	Z	-1.945	-1.945	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	1.135	1.135	0	%100
106	M117	Z	-1.965	-1.965	0	%100
107	M118	X	1.135	1.135	0	%100
108	M118	Z	-1.965	-1.965	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	.966	.966	0	%100
112	M121	Z	-1.672	-1.672	0	%100
113	M123	X	.966	.966	0	%100
114	M123	Z	-1.672	-1.672	0	%100
115	M125A	X	1.862	1.862	0	%100
116	M125A	Z	-3.226	-3.226	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.794	1.794	0	%100
2	M4	Z	-1.036	-1.036	0	%100
3	M5	X	1.963	1.963	0	%100
4	M5	Z	-1.133	-1.133	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	1.963	1.963	0	%100
8	M17	Z	-1.133	-1.133	0	%100
9	M18	X	.935	.935	0	%100
10	M18	Z	-.54	-.54	0	%100
11	M19	X	2.601	2.601	0	%100
12	M19	Z	-1.502	-1.502	0	%100
13	M20	X	.65	.65	0	%100
14	M20	Z	-.375	-.375	0	%100
15	M21	X	.65	.65	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M21	Z	-.375	-.375	0	%100
17	M22	X	2.542	2.542	0	%100
18	M22	Z	-1.468	-1.468	0	%100
19	M23	X	.636	.636	0	%100
20	M23	Z	-.367	-.367	0	%100
21	M24	X	.636	.636	0	%100
22	M24	Z	-.367	-.367	0	%100
23	M25	X	2.601	2.601	0	%100
24	M25	Z	-1.502	-1.502	0	%100
25	M26	X	.65	.65	0	%100
26	M26	Z	-.375	-.375	0	%100
27	M27	X	.65	.65	0	%100
28	M27	Z	-.375	-.375	0	%100
29	M28	X	2.004	2.004	0	%100
30	M28	Z	-1.157	-1.157	0	%100
31	M29	X	3e-6	3e-6	0	%100
32	M29	Z	-2e-6	-2e-6	0	%100
33	M30	X	1.999	1.999	0	%100
34	M30	Z	-1.154	-1.154	0	%100
35	M31	X	2.004	2.004	0	%100
36	M31	Z	-1.157	-1.157	0	%100
37	M32	X	1.999	1.999	0	%100
38	M32	Z	-1.154	-1.154	0	%100
39	M33	X	3e-6	3e-6	0	%100
40	M33	Z	-2e-6	-2e-6	0	%100
41	M38	X	1.953	1.953	0	%100
42	M38	Z	-1.127	-1.127	0	%100
43	M39	X	1.953	1.953	0	%100
44	M39	Z	-1.127	-1.127	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	1.953	1.953	0	%100
50	M50	Z	-1.127	-1.127	0	%100
51	M51	X	1.953	1.953	0	%100
52	M51	Z	-1.127	-1.127	0	%100
53	MP4A	X	2.342	2.342	0	%100
54	MP4A	Z	-1.352	-1.352	0	%100
55	MP3A	X	2.342	2.342	0	%100
56	MP3A	Z	-1.352	-1.352	0	%100
57	MP2A	X	2.342	2.342	0	%100
58	MP2A	Z	-1.352	-1.352	0	%100
59	MP1A	X	2.342	2.342	0	%100
60	MP1A	Z	-1.352	-1.352	0	%100
61	M122A	X	.935	.935	0	%100
62	M122A	Z	-.54	-.54	0	%100
63	M123A	X	3.739	3.739	0	%100
64	M123A	Z	-2.159	-2.159	0	%100
65	M128	X	1.612	1.612	0	%100
66	M128	Z	-.931	-.931	0	%100
67	M129	X	1.608	1.608	0	%100
68	M129	Z	-.928	-.928	0	%100
69	M138	X	3e-6	3e-6	0	%100
70	M138	Z	-2e-6	-2e-6	0	%100
71	M141	X	3e-6	3e-6	0	%100
72	M141	Z	-2e-6	-2e-6	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M150	X	1.608	1.608	0	%100
74	M150	Z	-.928	-.928	0	%100
75	M153	X	1.612	1.612	0	%100
76	M153	Z	-.931	-.931	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	1.794	1.794	0	%100
80	M99	Z	-1.036	-1.036	0	%100
81	MP4C	X	2.342	2.342	0	%100
82	MP4C	Z	-1.352	-1.352	0	%100
83	MP3C	X	2.342	2.342	0	%100
84	MP3C	Z	-1.352	-1.352	0	%100
85	MP2C	X	2.342	2.342	0	%100
86	MP2C	Z	-1.352	-1.352	0	%100
87	MP1C	X	2.342	2.342	0	%100
88	MP1C	Z	-1.352	-1.352	0	%100
89	MP4B	X	2.342	2.342	0	%100
90	MP4B	Z	-1.352	-1.352	0	%100
91	MP3B	X	2.342	2.342	0	%100
92	MP3B	Z	-1.352	-1.352	0	%100
93	MP2B	X	2.342	2.342	0	%100
94	MP2B	Z	-1.352	-1.352	0	%100
95	MP1B	X	2.342	2.342	0	%100
96	MP1B	Z	-1.352	-1.352	0	%100
97	OVP	X	1.927	1.927	0	%100
98	OVP	Z	-1.112	-1.112	0	%100
99	M100	X	.648	.648	0	%100
100	M100	Z	-.374	-.374	0	%100
101	M107	X	2.593	2.593	0	%100
102	M107	Z	-1.497	-1.497	0	%100
103	M114	X	.648	.648	0	%100
104	M114	Z	-.374	-.374	0	%100
105	M117	X	2.62	2.62	0	%100
106	M117	Z	-1.513	-1.513	0	%100
107	M118	X	.655	.655	0	%100
108	M118	Z	-.378	-.378	0	%100
109	M119	X	.655	.655	0	%100
110	M119	Z	-.378	-.378	0	%100
111	M121	X	2.708	2.708	0	%100
112	M121	Z	-1.563	-1.563	0	%100
113	M123	X	1.155	1.155	0	%100
114	M123	Z	-.667	-.667	0	%100
115	M125A	X	2.708	2.708	0	%100
116	M125A	Z	-1.563	-1.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	2.763	2.763	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	3.022	3.022	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	.755	.755	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	.755	.755	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	3.238	3.238	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M18	Z	0	0	0	%100
11	M19	X	2.253	2.253	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	2.253	2.253	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	0	0	0	%100
17	M22	X	2.202	2.202	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	2.202	2.202	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M25	X	2.253	2.253	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	2.253	2.253	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	0	0	0	%100
29	M28	X	3.082	3.082	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	.773	.773	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.767	.767	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	.773	.773	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	3.082	3.082	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	.767	.767	0	%100
40	M33	Z	0	0	0	%100
41	M38	X	3.006	3.006	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	3.006	3.006	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	.752	.752	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	.752	.752	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	.752	.752	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	.752	.752	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	2.705	2.705	0	%100
54	MP4A	Z	0	0	0	%100
55	MP3A	X	2.705	2.705	0	%100
56	MP3A	Z	0	0	0	%100
57	MP2A	X	2.705	2.705	0	%100
58	MP2A	Z	0	0	0	%100
59	MP1A	X	2.705	2.705	0	%100
60	MP1A	Z	0	0	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	0	0	0	%100
63	M123A	X	3.238	3.238	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	2.478	2.478	0	%100
66	M128	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M129	X	2.478	2.478	0	%100
68	M129	Z	0	0	0	%100
69	M138	X	.622	.622	0	%100
70	M138	Z	0	0	0	%100
71	M141	X	.617	.617	0	%100
72	M141	Z	0	0	0	%100
73	M150	X	.617	.617	0	%100
74	M150	Z	0	0	0	%100
75	M153	X	.622	.622	0	%100
76	M153	Z	0	0	0	%100
77	M98A	X	.691	.691	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	.691	.691	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	2.705	2.705	0	%100
82	MP4C	Z	0	0	0	%100
83	MP3C	X	2.705	2.705	0	%100
84	MP3C	Z	0	0	0	%100
85	MP2C	X	2.705	2.705	0	%100
86	MP2C	Z	0	0	0	%100
87	MP1C	X	2.705	2.705	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4B	X	2.705	2.705	0	%100
90	MP4B	Z	0	0	0	%100
91	MP3B	X	2.705	2.705	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	2.705	2.705	0	%100
94	MP2B	Z	0	0	0	%100
95	MP1B	X	2.705	2.705	0	%100
96	MP1B	Z	0	0	0	%100
97	OVP	X	2.225	2.225	0	%100
98	OVP	Z	0	0	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	0	0	0	%100
101	M107	X	2.246	2.246	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	2.246	2.246	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	2.269	2.269	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M119	X	2.269	2.269	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	3.725	3.725	0	%100
112	M121	Z	0	0	0	%100
113	M123	X	1.931	1.931	0	%100
114	M123	Z	0	0	0	%100
115	M125A	X	1.931	1.931	0	%100
116	M125A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.794	1.794	0	%100
2	M4	Z	1.036	1.036	0	%100
3	M5	X	1.963	1.963	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M5	Z	1.133	1.133	0	%100
5	M11	X	1.963	1.963	0	%100
6	M11	Z	1.133	1.133	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	3.739	3.739	0	%100
10	M18	Z	2.159	2.159	0	%100
11	M19	X	.65	.65	0	%100
12	M19	Z	.375	.375	0	%100
13	M20	X	2.601	2.601	0	%100
14	M20	Z	1.502	1.502	0	%100
15	M21	X	.65	.65	0	%100
16	M21	Z	.375	.375	0	%100
17	M22	X	.636	.636	0	%100
18	M22	Z	.367	.367	0	%100
19	M23	X	2.542	2.542	0	%100
20	M23	Z	1.468	1.468	0	%100
21	M24	X	.636	.636	0	%100
22	M24	Z	.367	.367	0	%100
23	M25	X	.65	.65	0	%100
24	M25	Z	.375	.375	0	%100
25	M26	X	2.601	2.601	0	%100
26	M26	Z	1.502	1.502	0	%100
27	M27	X	.65	.65	0	%100
28	M27	Z	.375	.375	0	%100
29	M28	X	1.999	1.999	0	%100
30	M28	Z	1.154	1.154	0	%100
31	M29	X	2.004	2.004	0	%100
32	M29	Z	1.157	1.157	0	%100
33	M30	X	3e-6	3e-6	0	%100
34	M30	Z	2e-6	2e-6	0	%100
35	M31	X	3e-6	3e-6	0	%100
36	M31	Z	2e-6	2e-6	0	%100
37	M32	X	2.004	2.004	0	%100
38	M32	Z	1.157	1.157	0	%100
39	M33	X	1.999	1.999	0	%100
40	M33	Z	1.154	1.154	0	%100
41	M38	X	1.953	1.953	0	%100
42	M38	Z	1.127	1.127	0	%100
43	M39	X	1.953	1.953	0	%100
44	M39	Z	1.127	1.127	0	%100
45	M44	X	1.953	1.953	0	%100
46	M44	Z	1.127	1.127	0	%100
47	M45	X	1.953	1.953	0	%100
48	M45	Z	1.127	1.127	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	2.342	2.342	0	%100
54	MP4A	Z	1.352	1.352	0	%100
55	MP3A	X	2.342	2.342	0	%100
56	MP3A	Z	1.352	1.352	0	%100
57	MP2A	X	2.342	2.342	0	%100
58	MP2A	Z	1.352	1.352	0	%100
59	MP1A	X	2.342	2.342	0	%100
60	MP1A	Z	1.352	1.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M122A	X	.935	.935	0	%100
62	M122A	Z	.54	.54	0	%100
63	M123A	X	.935	.935	0	%100
64	M123A	Z	.54	.54	0	%100
65	M128	X	1.608	1.608	0	%100
66	M128	Z	.928	.928	0	%100
67	M129	X	1.612	1.612	0	%100
68	M129	Z	.931	.931	0	%100
69	M138	X	1.612	1.612	0	%100
70	M138	Z	.931	.931	0	%100
71	M141	X	1.608	1.608	0	%100
72	M141	Z	.928	.928	0	%100
73	M150	X	3e-6	3e-6	0	%100
74	M150	Z	2e-6	2e-6	0	%100
75	M153	X	3e-6	3e-6	0	%100
76	M153	Z	2e-6	2e-6	0	%100
77	M98A	X	1.794	1.794	0	%100
78	M98A	Z	1.036	1.036	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	2.342	2.342	0	%100
82	MP4C	Z	1.352	1.352	0	%100
83	MP3C	X	2.342	2.342	0	%100
84	MP3C	Z	1.352	1.352	0	%100
85	MP2C	X	2.342	2.342	0	%100
86	MP2C	Z	1.352	1.352	0	%100
87	MP1C	X	2.342	2.342	0	%100
88	MP1C	Z	1.352	1.352	0	%100
89	MP4B	X	2.342	2.342	0	%100
90	MP4B	Z	1.352	1.352	0	%100
91	MP3B	X	2.342	2.342	0	%100
92	MP3B	Z	1.352	1.352	0	%100
93	MP2B	X	2.342	2.342	0	%100
94	MP2B	Z	1.352	1.352	0	%100
95	MP1B	X	2.342	2.342	0	%100
96	MP1B	Z	1.352	1.352	0	%100
97	OVP	X	1.927	1.927	0	%100
98	OVP	Z	1.112	1.112	0	%100
99	M100	X	.648	.648	0	%100
100	M100	Z	.374	.374	0	%100
101	M107	X	.648	.648	0	%100
102	M107	Z	.374	.374	0	%100
103	M114	X	2.593	2.593	0	%100
104	M114	Z	1.497	1.497	0	%100
105	M117	X	.655	.655	0	%100
106	M117	Z	.378	.378	0	%100
107	M118	X	.655	.655	0	%100
108	M118	Z	.378	.378	0	%100
109	M119	X	2.62	2.62	0	%100
110	M119	Z	1.513	1.513	0	%100
111	M121	X	2.708	2.708	0	%100
112	M121	Z	1.563	1.563	0	%100
113	M123	X	2.708	2.708	0	%100
114	M123	Z	1.563	1.563	0	%100
115	M125A	X	1.155	1.155	0	%100
116	M125A	Z	.667	.667	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.345	.345	0	%100
2	M4	Z	.598	.598	0	%100
3	M5	X	.378	.378	0	%100
4	M5	Z	.654	.654	0	%100
5	M11	X	1.511	1.511	0	%100
6	M11	Z	2.617	2.617	0	%100
7	M17	X	.378	.378	0	%100
8	M17	Z	.654	.654	0	%100
9	M18	X	1.619	1.619	0	%100
10	M18	Z	2.804	2.804	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	1.126	1.126	0	%100
14	M20	Z	1.951	1.951	0	%100
15	M21	X	1.126	1.126	0	%100
16	M21	Z	1.951	1.951	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	1.101	1.101	0	%100
20	M23	Z	1.907	1.907	0	%100
21	M24	X	1.101	1.101	0	%100
22	M24	Z	1.907	1.907	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	1.126	1.126	0	%100
26	M26	Z	1.951	1.951	0	%100
27	M27	X	1.126	1.126	0	%100
28	M27	Z	1.951	1.951	0	%100
29	M28	X	.384	.384	0	%100
30	M28	Z	.665	.665	0	%100
31	M29	X	1.541	1.541	0	%100
32	M29	Z	2.669	2.669	0	%100
33	M30	X	.387	.387	0	%100
34	M30	Z	.67	.67	0	%100
35	M31	X	.384	.384	0	%100
36	M31	Z	.665	.665	0	%100
37	M32	X	.387	.387	0	%100
38	M32	Z	.67	.67	0	%100
39	M33	X	1.541	1.541	0	%100
40	M33	Z	2.669	2.669	0	%100
41	M38	X	.376	.376	0	%100
42	M38	Z	.651	.651	0	%100
43	M39	X	.376	.376	0	%100
44	M39	Z	.651	.651	0	%100
45	M44	X	1.503	1.503	0	%100
46	M44	Z	2.604	2.604	0	%100
47	M45	X	1.503	1.503	0	%100
48	M45	Z	2.604	2.604	0	%100
49	M50	X	.376	.376	0	%100
50	M50	Z	.651	.651	0	%100
51	M51	X	.376	.376	0	%100
52	M51	Z	.651	.651	0	%100
53	MP4A	X	1.352	1.352	0	%100
54	MP4A	Z	2.342	2.342	0	%100
55	MP3A	X	1.352	1.352	0	%100
56	MP3A	Z	2.342	2.342	0	%100
57	MP2A	X	1.352	1.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP2A	Z	2.342	2.342	0	%100
59	MP1A	X	1.352	1.352	0	%100
60	MP1A	Z	2.342	2.342	0	%100
61	M122A	X	1.619	1.619	0	%100
62	M122A	Z	2.804	2.804	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	.309	.309	0	%100
66	M128	Z	.534	.534	0	%100
67	M129	X	.311	.311	0	%100
68	M129	Z	.539	.539	0	%100
69	M138	X	1.239	1.239	0	%100
70	M138	Z	2.146	2.146	0	%100
71	M141	X	1.239	1.239	0	%100
72	M141	Z	2.146	2.146	0	%100
73	M150	X	.311	.311	0	%100
74	M150	Z	.539	.539	0	%100
75	M153	X	.309	.309	0	%100
76	M153	Z	.534	.534	0	%100
77	M98A	X	1.381	1.381	0	%100
78	M98A	Z	2.392	2.392	0	%100
79	M99	X	.345	.345	0	%100
80	M99	Z	.598	.598	0	%100
81	MP4C	X	1.352	1.352	0	%100
82	MP4C	Z	2.342	2.342	0	%100
83	MP3C	X	1.352	1.352	0	%100
84	MP3C	Z	2.342	2.342	0	%100
85	MP2C	X	1.352	1.352	0	%100
86	MP2C	Z	2.342	2.342	0	%100
87	MP1C	X	1.352	1.352	0	%100
88	MP1C	Z	2.342	2.342	0	%100
89	MP4B	X	1.352	1.352	0	%100
90	MP4B	Z	2.342	2.342	0	%100
91	MP3B	X	1.352	1.352	0	%100
92	MP3B	Z	2.342	2.342	0	%100
93	MP2B	X	1.352	1.352	0	%100
94	MP2B	Z	2.342	2.342	0	%100
95	MP1B	X	1.352	1.352	0	%100
96	MP1B	Z	2.342	2.342	0	%100
97	OVP	X	1.112	1.112	0	%100
98	OVP	Z	1.927	1.927	0	%100
99	M100	X	1.123	1.123	0	%100
100	M100	Z	1.945	1.945	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	1.123	1.123	0	%100
104	M114	Z	1.945	1.945	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	1.135	1.135	0	%100
108	M118	Z	1.965	1.965	0	%100
109	M119	X	1.135	1.135	0	%100
110	M119	Z	1.965	1.965	0	%100
111	M121	X	.966	.966	0	%100
112	M121	Z	1.672	1.672	0	%100
113	M123	X	1.862	1.862	0	%100
114	M123	Z	3.226	3.226	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125A	X	.966	.966	0	%100
116	M125A	Z	1.672	1.672	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	0	0	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	2.266	2.266	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	2.266	2.266	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	1.079	1.079	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	.751	.751	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	.751	.751	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	3.004	3.004	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	.734	.734	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	.734	.734	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	2.936	2.936	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	.751	.751	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	.751	.751	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	3.004	3.004	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	4e-6	4e-6	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	2.308	2.308	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	2.314	2.314	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	2.308	2.308	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	4e-6	4e-6	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	2.314	2.314	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	2.255	2.255	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	2.255	2.255	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	2.255	2.255	0	%100
51	M51	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M51	Z	2.255	2.255	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	2.705	2.705	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	2.705	2.705	0	%100
57	MP2A	X	0	0	0	%100
58	MP2A	Z	2.705	2.705	0	%100
59	MP1A	X	0	0	0	%100
60	MP1A	Z	2.705	2.705	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	4.317	4.317	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	1.079	1.079	0	%100
65	M128	X	0	0	0	%100
66	M128	Z	3e-6	3e-6	0	%100
67	M129	X	0	0	0	%100
68	M129	Z	3e-6	3e-6	0	%100
69	M138	X	0	0	0	%100
70	M138	Z	1.856	1.856	0	%100
71	M141	X	0	0	0	%100
72	M141	Z	1.861	1.861	0	%100
73	M150	X	0	0	0	%100
74	M150	Z	1.861	1.861	0	%100
75	M153	X	0	0	0	%100
76	M153	Z	1.856	1.856	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	2.072	2.072	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	2.072	2.072	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	2.705	2.705	0	%100
83	MP3C	X	0	0	0	%100
84	MP3C	Z	2.705	2.705	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	2.705	2.705	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	2.705	2.705	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	2.705	2.705	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	2.705	2.705	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	2.705	2.705	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	2.705	2.705	0	%100
97	OVP	X	0	0	0	%100
98	OVP	Z	2.225	2.225	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	2.994	2.994	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	.749	.749	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	.749	.749	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	.756	.756	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	3.026	3.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M119	X	0	0	0	%100
110	M119	Z	.756	.756	0	%100
111	M121	X	0	0	0	%100
112	M121	Z	1.333	1.333	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	3.127	3.127	0	%100
115	M125A	X	0	0	0	%100
116	M125A	Z	3.127	3.127	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.345	-.345	0	%100
2	M4	Z	.598	.598	0	%100
3	M5	X	-.378	-.378	0	%100
4	M5	Z	.654	.654	0	%100
5	M11	X	-.378	-.378	0	%100
6	M11	Z	.654	.654	0	%100
7	M17	X	-1.511	-1.511	0	%100
8	M17	Z	2.617	2.617	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	-1.126	-1.126	0	%100
12	M19	Z	1.951	1.951	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	-1.126	-1.126	0	%100
16	M21	Z	1.951	1.951	0	%100
17	M22	X	-1.101	-1.101	0	%100
18	M22	Z	1.907	1.907	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	-1.101	-1.101	0	%100
22	M24	Z	1.907	1.907	0	%100
23	M25	X	-1.126	-1.126	0	%100
24	M25	Z	1.951	1.951	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	-1.126	-1.126	0	%100
28	M27	Z	1.951	1.951	0	%100
29	M28	X	-.387	-.387	0	%100
30	M28	Z	.67	.67	0	%100
31	M29	X	-.384	-.384	0	%100
32	M29	Z	.665	.665	0	%100
33	M30	X	-1.541	-1.541	0	%100
34	M30	Z	2.669	2.669	0	%100
35	M31	X	-1.541	-1.541	0	%100
36	M31	Z	2.669	2.669	0	%100
37	M32	X	-.384	-.384	0	%100
38	M32	Z	.665	.665	0	%100
39	M33	X	-.387	-.387	0	%100
40	M33	Z	.67	.67	0	%100
41	M38	X	-.376	-.376	0	%100
42	M38	Z	.651	.651	0	%100
43	M39	X	-.376	-.376	0	%100
44	M39	Z	.651	.651	0	%100
45	M44	X	-.376	-.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M44	Z	.651	.651	0	%100
47	M45	X	-.376	-.376	0	%100
48	M45	Z	.651	.651	0	%100
49	M50	X	-1.503	-1.503	0	%100
50	M50	Z	2.604	2.604	0	%100
51	M51	X	-1.503	-1.503	0	%100
52	M51	Z	2.604	2.604	0	%100
53	MP4A	X	-1.352	-1.352	0	%100
54	MP4A	Z	2.342	2.342	0	%100
55	MP3A	X	-1.352	-1.352	0	%100
56	MP3A	Z	2.342	2.342	0	%100
57	MP2A	X	-1.352	-1.352	0	%100
58	MP2A	Z	2.342	2.342	0	%100
59	MP1A	X	-1.352	-1.352	0	%100
60	MP1A	Z	2.342	2.342	0	%100
61	M122A	X	-1.619	-1.619	0	%100
62	M122A	Z	2.804	2.804	0	%100
63	M123A	X	-1.619	-1.619	0	%100
64	M123A	Z	2.804	2.804	0	%100
65	M128	X	-.311	-.311	0	%100
66	M128	Z	.539	.539	0	%100
67	M129	X	-.309	-.309	0	%100
68	M129	Z	.534	.534	0	%100
69	M138	X	-.309	-.309	0	%100
70	M138	Z	.534	.534	0	%100
71	M141	X	-.311	-.311	0	%100
72	M141	Z	.539	.539	0	%100
73	M150	X	-1.239	-1.239	0	%100
74	M150	Z	2.146	2.146	0	%100
75	M153	X	-1.239	-1.239	0	%100
76	M153	Z	2.146	2.146	0	%100
77	M98A	X	-.345	-.345	0	%100
78	M98A	Z	.598	.598	0	%100
79	M99	X	-1.381	-1.381	0	%100
80	M99	Z	2.392	2.392	0	%100
81	MP4C	X	-1.352	-1.352	0	%100
82	MP4C	Z	2.342	2.342	0	%100
83	MP3C	X	-1.352	-1.352	0	%100
84	MP3C	Z	2.342	2.342	0	%100
85	MP2C	X	-1.352	-1.352	0	%100
86	MP2C	Z	2.342	2.342	0	%100
87	MP1C	X	-1.352	-1.352	0	%100
88	MP1C	Z	2.342	2.342	0	%100
89	MP4B	X	-1.352	-1.352	0	%100
90	MP4B	Z	2.342	2.342	0	%100
91	MP3B	X	-1.352	-1.352	0	%100
92	MP3B	Z	2.342	2.342	0	%100
93	MP2B	X	-1.352	-1.352	0	%100
94	MP2B	Z	2.342	2.342	0	%100
95	MP1B	X	-1.352	-1.352	0	%100
96	MP1B	Z	2.342	2.342	0	%100
97	OVP	X	-1.112	-1.112	0	%100
98	OVP	Z	1.927	1.927	0	%100
99	M100	X	-1.123	-1.123	0	%100
100	M100	Z	1.945	1.945	0	%100
101	M107	X	-1.123	-1.123	0	%100
102	M107	Z	1.945	1.945	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M114	X	0	0	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	-1.135	-1.135	0	%100
106	M117	Z	1.965	1.965	0	%100
107	M118	X	-1.135	-1.135	0	%100
108	M118	Z	1.965	1.965	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	-.966	-.966	0	%100
112	M121	Z	1.672	1.672	0	%100
113	M123	X	-.966	-.966	0	%100
114	M123	Z	1.672	1.672	0	%100
115	M125A	X	-1.862	-1.862	0	%100
116	M125A	Z	3.226	3.226	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.794	-1.794	0	%100
2	M4	Z	1.036	1.036	0	%100
3	M5	X	-1.963	-1.963	0	%100
4	M5	Z	1.133	1.133	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	-1.963	-1.963	0	%100
8	M17	Z	1.133	1.133	0	%100
9	M18	X	-.935	-.935	0	%100
10	M18	Z	.54	.54	0	%100
11	M19	X	-2.601	-2.601	0	%100
12	M19	Z	1.502	1.502	0	%100
13	M20	X	-.65	-.65	0	%100
14	M20	Z	.375	.375	0	%100
15	M21	X	-.65	-.65	0	%100
16	M21	Z	.375	.375	0	%100
17	M22	X	-2.542	-2.542	0	%100
18	M22	Z	1.468	1.468	0	%100
19	M23	X	-.636	-.636	0	%100
20	M23	Z	.367	.367	0	%100
21	M24	X	-.636	-.636	0	%100
22	M24	Z	.367	.367	0	%100
23	M25	X	-2.601	-2.601	0	%100
24	M25	Z	1.502	1.502	0	%100
25	M26	X	-.65	-.65	0	%100
26	M26	Z	.375	.375	0	%100
27	M27	X	-.65	-.65	0	%100
28	M27	Z	.375	.375	0	%100
29	M28	X	-2.004	-2.004	0	%100
30	M28	Z	1.157	1.157	0	%100
31	M29	X	-3e-6	-3e-6	0	%100
32	M29	Z	2e-6	2e-6	0	%100
33	M30	X	-1.999	-1.999	0	%100
34	M30	Z	1.154	1.154	0	%100
35	M31	X	-2.004	-2.004	0	%100
36	M31	Z	1.157	1.157	0	%100
37	M32	X	-1.999	-1.999	0	%100
38	M32	Z	1.154	1.154	0	%100
39	M33	X	-3e-6	-3e-6	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M33	Z	2e-6	2e-6	0	%100
41	M38	X	-1.953	-1.953	0	%100
42	M38	Z	1.127	1.127	0	%100
43	M39	X	-1.953	-1.953	0	%100
44	M39	Z	1.127	1.127	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	-1.953	-1.953	0	%100
50	M50	Z	1.127	1.127	0	%100
51	M51	X	-1.953	-1.953	0	%100
52	M51	Z	1.127	1.127	0	%100
53	MP4A	X	-2.342	-2.342	0	%100
54	MP4A	Z	1.352	1.352	0	%100
55	MP3A	X	-2.342	-2.342	0	%100
56	MP3A	Z	1.352	1.352	0	%100
57	MP2A	X	-2.342	-2.342	0	%100
58	MP2A	Z	1.352	1.352	0	%100
59	MP1A	X	-2.342	-2.342	0	%100
60	MP1A	Z	1.352	1.352	0	%100
61	M122A	X	-.935	-.935	0	%100
62	M122A	Z	.54	.54	0	%100
63	M123A	X	-3.739	-3.739	0	%100
64	M123A	Z	2.159	2.159	0	%100
65	M128	X	-1.612	-1.612	0	%100
66	M128	Z	.931	.931	0	%100
67	M129	X	-1.608	-1.608	0	%100
68	M129	Z	.928	.928	0	%100
69	M138	X	-3e-6	-3e-6	0	%100
70	M138	Z	2e-6	2e-6	0	%100
71	M141	X	-3e-6	-3e-6	0	%100
72	M141	Z	2e-6	2e-6	0	%100
73	M150	X	-1.608	-1.608	0	%100
74	M150	Z	.928	.928	0	%100
75	M153	X	-1.612	-1.612	0	%100
76	M153	Z	.931	.931	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	-1.794	-1.794	0	%100
80	M99	Z	1.036	1.036	0	%100
81	MP4C	X	-2.342	-2.342	0	%100
82	MP4C	Z	1.352	1.352	0	%100
83	MP3C	X	-2.342	-2.342	0	%100
84	MP3C	Z	1.352	1.352	0	%100
85	MP2C	X	-2.342	-2.342	0	%100
86	MP2C	Z	1.352	1.352	0	%100
87	MP1C	X	-2.342	-2.342	0	%100
88	MP1C	Z	1.352	1.352	0	%100
89	MP4B	X	-2.342	-2.342	0	%100
90	MP4B	Z	1.352	1.352	0	%100
91	MP3B	X	-2.342	-2.342	0	%100
92	MP3B	Z	1.352	1.352	0	%100
93	MP2B	X	-2.342	-2.342	0	%100
94	MP2B	Z	1.352	1.352	0	%100
95	MP1B	X	-2.342	-2.342	0	%100
96	MP1B	Z	1.352	1.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	OVP	X	-1.927	-1.927	0	%100
98	OVP	Z	1.112	1.112	0	%100
99	M100	X	-.648	-.648	0	%100
100	M100	Z	.374	.374	0	%100
101	M107	X	-2.593	-2.593	0	%100
102	M107	Z	1.497	1.497	0	%100
103	M114	X	-.648	-.648	0	%100
104	M114	Z	.374	.374	0	%100
105	M117	X	-2.62	-2.62	0	%100
106	M117	Z	1.513	1.513	0	%100
107	M118	X	-.655	-.655	0	%100
108	M118	Z	.378	.378	0	%100
109	M119	X	-.655	-.655	0	%100
110	M119	Z	.378	.378	0	%100
111	M121	X	-2.708	-2.708	0	%100
112	M121	Z	1.563	1.563	0	%100
113	M123	X	-1.155	-1.155	0	%100
114	M123	Z	.667	.667	0	%100
115	M125A	X	-2.708	-2.708	0	%100
116	M125A	Z	1.563	1.563	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-2.763	-2.763	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	-3.022	-3.022	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	-.755	-.755	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	-.755	-.755	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	-3.238	-3.238	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	-2.253	-2.253	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	-2.253	-2.253	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	0	0	0	%100
17	M22	X	-2.202	-2.202	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	-2.202	-2.202	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M25	X	-2.253	-2.253	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	-2.253	-2.253	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	0	0	0	%100
29	M28	X	-3.082	-3.082	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	-.773	-.773	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.767	-.767	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M30	Z	0	0	0	%100
35	M31	X	-.773	-.773	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-3.082	-3.082	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	-.767	-.767	0	%100
40	M33	Z	0	0	0	%100
41	M38	X	-3.006	-3.006	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-3.006	-3.006	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	-.752	-.752	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	-.752	-.752	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	-.752	-.752	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	-.752	-.752	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	-2.705	-2.705	0	%100
54	MP4A	Z	0	0	0	%100
55	MP3A	X	-2.705	-2.705	0	%100
56	MP3A	Z	0	0	0	%100
57	MP2A	X	-2.705	-2.705	0	%100
58	MP2A	Z	0	0	0	%100
59	MP1A	X	-2.705	-2.705	0	%100
60	MP1A	Z	0	0	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	0	0	0	%100
63	M123A	X	-3.238	-3.238	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	-2.478	-2.478	0	%100
66	M128	Z	0	0	0	%100
67	M129	X	-2.478	-2.478	0	%100
68	M129	Z	0	0	0	%100
69	M138	X	-.622	-.622	0	%100
70	M138	Z	0	0	0	%100
71	M141	X	-.617	-.617	0	%100
72	M141	Z	0	0	0	%100
73	M150	X	-.617	-.617	0	%100
74	M150	Z	0	0	0	%100
75	M153	X	-.622	-.622	0	%100
76	M153	Z	0	0	0	%100
77	M98A	X	-.691	-.691	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	-.691	-.691	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	-2.705	-2.705	0	%100
82	MP4C	Z	0	0	0	%100
83	MP3C	X	-2.705	-2.705	0	%100
84	MP3C	Z	0	0	0	%100
85	MP2C	X	-2.705	-2.705	0	%100
86	MP2C	Z	0	0	0	%100
87	MP1C	X	-2.705	-2.705	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4B	X	-2.705	-2.705	0	%100
90	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP3B	X	-2.705	-2.705	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	-2.705	-2.705	0	%100
94	MP2B	Z	0	0	0	%100
95	MP1B	X	-2.705	-2.705	0	%100
96	MP1B	Z	0	0	0	%100
97	OVP	X	-2.225	-2.225	0	%100
98	OVP	Z	0	0	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	0	0	0	%100
101	M107	X	-2.246	-2.246	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	-2.246	-2.246	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	-2.269	-2.269	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M119	X	-2.269	-2.269	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	-3.725	-3.725	0	%100
112	M121	Z	0	0	0	%100
113	M123	X	-1.931	-1.931	0	%100
114	M123	Z	0	0	0	%100
115	M125A	X	-1.931	-1.931	0	%100
116	M125A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.794	-1.794	0	%100
2	M4	Z	-1.036	-1.036	0	%100
3	M5	X	-1.963	-1.963	0	%100
4	M5	Z	-1.133	-1.133	0	%100
5	M11	X	-1.963	-1.963	0	%100
6	M11	Z	-1.133	-1.133	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	-3.739	-3.739	0	%100
10	M18	Z	-2.159	-2.159	0	%100
11	M19	X	-.65	-.65	0	%100
12	M19	Z	-.375	-.375	0	%100
13	M20	X	-2.601	-2.601	0	%100
14	M20	Z	-1.502	-1.502	0	%100
15	M21	X	-.65	-.65	0	%100
16	M21	Z	-.375	-.375	0	%100
17	M22	X	-.636	-.636	0	%100
18	M22	Z	-.367	-.367	0	%100
19	M23	X	-2.542	-2.542	0	%100
20	M23	Z	-1.468	-1.468	0	%100
21	M24	X	-.636	-.636	0	%100
22	M24	Z	-.367	-.367	0	%100
23	M25	X	-.65	-.65	0	%100
24	M25	Z	-.375	-.375	0	%100
25	M26	X	-2.601	-2.601	0	%100
26	M26	Z	-1.502	-1.502	0	%100
27	M27	X	-.65	-.65	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M27	Z	-.375	-.375	0	%100
29	M28	X	-1.999	-1.999	0	%100
30	M28	Z	-1.154	-1.154	0	%100
31	M29	X	-2.004	-2.004	0	%100
32	M29	Z	-1.157	-1.157	0	%100
33	M30	X	-3e-6	-3e-6	0	%100
34	M30	Z	-2e-6	-2e-6	0	%100
35	M31	X	-3e-6	-3e-6	0	%100
36	M31	Z	-2e-6	-2e-6	0	%100
37	M32	X	-2.004	-2.004	0	%100
38	M32	Z	-1.157	-1.157	0	%100
39	M33	X	-1.999	-1.999	0	%100
40	M33	Z	-1.154	-1.154	0	%100
41	M38	X	-1.953	-1.953	0	%100
42	M38	Z	-1.127	-1.127	0	%100
43	M39	X	-1.953	-1.953	0	%100
44	M39	Z	-1.127	-1.127	0	%100
45	M44	X	-1.953	-1.953	0	%100
46	M44	Z	-1.127	-1.127	0	%100
47	M45	X	-1.953	-1.953	0	%100
48	M45	Z	-1.127	-1.127	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	-2.342	-2.342	0	%100
54	MP4A	Z	-1.352	-1.352	0	%100
55	MP3A	X	-2.342	-2.342	0	%100
56	MP3A	Z	-1.352	-1.352	0	%100
57	MP2A	X	-2.342	-2.342	0	%100
58	MP2A	Z	-1.352	-1.352	0	%100
59	MP1A	X	-2.342	-2.342	0	%100
60	MP1A	Z	-1.352	-1.352	0	%100
61	M122A	X	-.935	-.935	0	%100
62	M122A	Z	-.54	-.54	0	%100
63	M123A	X	-.935	-.935	0	%100
64	M123A	Z	-.54	-.54	0	%100
65	M128	X	-1.608	-1.608	0	%100
66	M128	Z	-.928	-.928	0	%100
67	M129	X	-1.612	-1.612	0	%100
68	M129	Z	-.931	-.931	0	%100
69	M138	X	-1.612	-1.612	0	%100
70	M138	Z	-.931	-.931	0	%100
71	M141	X	-1.608	-1.608	0	%100
72	M141	Z	-.928	-.928	0	%100
73	M150	X	-3e-6	-3e-6	0	%100
74	M150	Z	-2e-6	-2e-6	0	%100
75	M153	X	-3e-6	-3e-6	0	%100
76	M153	Z	-2e-6	-2e-6	0	%100
77	M98A	X	-1.794	-1.794	0	%100
78	M98A	Z	-1.036	-1.036	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	-2.342	-2.342	0	%100
82	MP4C	Z	-1.352	-1.352	0	%100
83	MP3C	X	-2.342	-2.342	0	%100
84	MP3C	Z	-1.352	-1.352	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP2C	X	-2.342	-2.342	0	%100
86	MP2C	Z	-1.352	-1.352	0	%100
87	MP1C	X	-2.342	-2.342	0	%100
88	MP1C	Z	-1.352	-1.352	0	%100
89	MP4B	X	-2.342	-2.342	0	%100
90	MP4B	Z	-1.352	-1.352	0	%100
91	MP3B	X	-2.342	-2.342	0	%100
92	MP3B	Z	-1.352	-1.352	0	%100
93	MP2B	X	-2.342	-2.342	0	%100
94	MP2B	Z	-1.352	-1.352	0	%100
95	MP1B	X	-2.342	-2.342	0	%100
96	MP1B	Z	-1.352	-1.352	0	%100
97	OVP	X	-1.927	-1.927	0	%100
98	OVP	Z	-1.112	-1.112	0	%100
99	M100	X	-.648	-.648	0	%100
100	M100	Z	-.374	-.374	0	%100
101	M107	X	-.648	-.648	0	%100
102	M107	Z	-.374	-.374	0	%100
103	M114	X	-2.593	-2.593	0	%100
104	M114	Z	-1.497	-1.497	0	%100
105	M117	X	-.655	-.655	0	%100
106	M117	Z	-.378	-.378	0	%100
107	M118	X	-.655	-.655	0	%100
108	M118	Z	-.378	-.378	0	%100
109	M119	X	-2.62	-2.62	0	%100
110	M119	Z	-1.513	-1.513	0	%100
111	M121	X	-2.708	-2.708	0	%100
112	M121	Z	-1.563	-1.563	0	%100
113	M123	X	-2.708	-2.708	0	%100
114	M123	Z	-1.563	-1.563	0	%100
115	M125A	X	-1.155	-1.155	0	%100
116	M125A	Z	-.667	-.667	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.345	-.345	0	%100
2	M4	Z	-.598	-.598	0	%100
3	M5	X	-.378	-.378	0	%100
4	M5	Z	-.654	-.654	0	%100
5	M11	X	-1.511	-1.511	0	%100
6	M11	Z	-2.617	-2.617	0	%100
7	M17	X	-.378	-.378	0	%100
8	M17	Z	-.654	-.654	0	%100
9	M18	X	-1.619	-1.619	0	%100
10	M18	Z	-2.804	-2.804	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	-1.126	-1.126	0	%100
14	M20	Z	-1.951	-1.951	0	%100
15	M21	X	-1.126	-1.126	0	%100
16	M21	Z	-1.951	-1.951	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	-1.101	-1.101	0	%100
20	M23	Z	-1.907	-1.907	0	%100
21	M24	X	-1.101	-1.101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M24	Z	-1.907	-1.907	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	-1.126	-1.126	0	%100
26	M26	Z	-1.951	-1.951	0	%100
27	M27	X	-1.126	-1.126	0	%100
28	M27	Z	-1.951	-1.951	0	%100
29	M28	X	-.384	-.384	0	%100
30	M28	Z	-.665	-.665	0	%100
31	M29	X	-1.541	-1.541	0	%100
32	M29	Z	-2.669	-2.669	0	%100
33	M30	X	-.387	-.387	0	%100
34	M30	Z	-.67	-.67	0	%100
35	M31	X	-.384	-.384	0	%100
36	M31	Z	-.665	-.665	0	%100
37	M32	X	-.387	-.387	0	%100
38	M32	Z	-.67	-.67	0	%100
39	M33	X	-1.541	-1.541	0	%100
40	M33	Z	-2.669	-2.669	0	%100
41	M38	X	-.376	-.376	0	%100
42	M38	Z	-.651	-.651	0	%100
43	M39	X	-.376	-.376	0	%100
44	M39	Z	-.651	-.651	0	%100
45	M44	X	-1.503	-1.503	0	%100
46	M44	Z	-2.604	-2.604	0	%100
47	M45	X	-1.503	-1.503	0	%100
48	M45	Z	-2.604	-2.604	0	%100
49	M50	X	-.376	-.376	0	%100
50	M50	Z	-.651	-.651	0	%100
51	M51	X	-.376	-.376	0	%100
52	M51	Z	-.651	-.651	0	%100
53	MP4A	X	-1.352	-1.352	0	%100
54	MP4A	Z	-2.342	-2.342	0	%100
55	MP3A	X	-1.352	-1.352	0	%100
56	MP3A	Z	-2.342	-2.342	0	%100
57	MP2A	X	-1.352	-1.352	0	%100
58	MP2A	Z	-2.342	-2.342	0	%100
59	MP1A	X	-1.352	-1.352	0	%100
60	MP1A	Z	-2.342	-2.342	0	%100
61	M122A	X	-1.619	-1.619	0	%100
62	M122A	Z	-2.804	-2.804	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	-.309	-.309	0	%100
66	M128	Z	-.534	-.534	0	%100
67	M129	X	-.311	-.311	0	%100
68	M129	Z	-.539	-.539	0	%100
69	M138	X	-1.239	-1.239	0	%100
70	M138	Z	-2.146	-2.146	0	%100
71	M141	X	-1.239	-1.239	0	%100
72	M141	Z	-2.146	-2.146	0	%100
73	M150	X	-.311	-.311	0	%100
74	M150	Z	-.539	-.539	0	%100
75	M153	X	-.309	-.309	0	%100
76	M153	Z	-.534	-.534	0	%100
77	M98A	X	-1.381	-1.381	0	%100
78	M98A	Z	-2.392	-2.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M99	X	-.345	-.345	0	%100
80	M99	Z	-.598	-.598	0	%100
81	MP4C	X	-1.352	-1.352	0	%100
82	MP4C	Z	-2.342	-2.342	0	%100
83	MP3C	X	-1.352	-1.352	0	%100
84	MP3C	Z	-2.342	-2.342	0	%100
85	MP2C	X	-1.352	-1.352	0	%100
86	MP2C	Z	-2.342	-2.342	0	%100
87	MP1C	X	-1.352	-1.352	0	%100
88	MP1C	Z	-2.342	-2.342	0	%100
89	MP4B	X	-1.352	-1.352	0	%100
90	MP4B	Z	-2.342	-2.342	0	%100
91	MP3B	X	-1.352	-1.352	0	%100
92	MP3B	Z	-2.342	-2.342	0	%100
93	MP2B	X	-1.352	-1.352	0	%100
94	MP2B	Z	-2.342	-2.342	0	%100
95	MP1B	X	-1.352	-1.352	0	%100
96	MP1B	Z	-2.342	-2.342	0	%100
97	OVP	X	-1.112	-1.112	0	%100
98	OVP	Z	-1.927	-1.927	0	%100
99	M100	X	-1.123	-1.123	0	%100
100	M100	Z	-1.945	-1.945	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	-1.123	-1.123	0	%100
104	M114	Z	-1.945	-1.945	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	-1.135	-1.135	0	%100
108	M118	Z	-1.965	-1.965	0	%100
109	M119	X	-1.135	-1.135	0	%100
110	M119	Z	-1.965	-1.965	0	%100
111	M121	X	-.966	-.966	0	%100
112	M121	Z	-1.672	-1.672	0	%100
113	M123	X	-1.862	-1.862	0	%100
114	M123	Z	-3.226	-3.226	0	%100
115	M125A	X	-.966	-.966	0	%100
116	M125A	Z	-1.672	-1.672	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	0	0	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	-.457	-.457	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	-.457	-.457	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	-.313	-.313	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	-.152	-.152	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	-.152	-.152	0	%100
15	M21	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M21	Z	-.608	-.608	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	-.149	-.149	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	-.149	-.149	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	-.596	-.596	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	-.152	-.152	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	-.152	-.152	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	-.608	-.608	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	-1e-6	-1e-6	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-.535	-.535	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-.536	-.536	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	-.535	-.535	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	-1e-6	-1e-6	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-.536	-.536	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	-.523	-.523	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-.523	-.523	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	-.523	-.523	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	-.523	-.523	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	-.495	-.495	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	-.495	-.495	0	%100
57	MP2A	X	0	0	0	%100
58	MP2A	Z	-.495	-.495	0	%100
59	MP1A	X	0	0	0	%100
60	MP1A	Z	-.495	-.495	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	-1.251	-1.251	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	-.313	-.313	0	%100
65	M128	X	0	0	0	%100
66	M128	Z	-1e-6	-1e-6	0	%100
67	M129	X	0	0	0	%100
68	M129	Z	-1e-6	-1e-6	0	%100
69	M138	X	0	0	0	%100
70	M138	Z	-.435	-.435	0	%100
71	M141	X	0	0	0	%100
72	M141	Z	-.436	-.436	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M150	X	0	0	0	%100
74	M150	Z	-.436	-.436	0	%100
75	M153	X	0	0	0	%100
76	M153	Z	-.435	-.435	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	-.417	-.417	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	-.417	-.417	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	-.495	-.495	0	%100
83	MP3C	X	0	0	0	%100
84	MP3C	Z	-.495	-.495	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-.495	-.495	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-.495	-.495	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	-.495	-.495	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-.495	-.495	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	-.495	-.495	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.495	-.495	0	%100
97	OVP	X	0	0	0	%100
98	OVP	Z	-.405	-.405	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	-.599	-.599	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	-.15	-.15	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-.15	-.15	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	-.186	-.186	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	-.743	-.743	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	-.186	-.186	0	%100
111	M121	X	0	0	0	%100
112	M121	Z	-.374	-.374	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.764	-.764	0	%100
115	M125A	X	0	0	0	%100
116	M125A	Z	-.764	-.764	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.07	.07	0	%100
2	M4	Z	-.12	-.12	0	%100
3	M5	X	.076	.076	0	%100
4	M5	Z	-.132	-.132	0	%100
5	M11	X	.076	.076	0	%100
6	M11	Z	-.132	-.132	0	%100
7	M17	X	.305	.305	0	%100
8	M17	Z	-.528	-.528	0	%100
9	M18	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M18	Z	0	0	0	%100
11	M19	X	.228	.228	0	%100
12	M19	Z	-.395	-.395	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	.228	.228	0	%100
16	M21	Z	-.395	-.395	0	%100
17	M22	X	.223	.223	0	%100
18	M22	Z	-.387	-.387	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	.223	.223	0	%100
22	M24	Z	-.387	-.387	0	%100
23	M25	X	.228	.228	0	%100
24	M25	Z	-.395	-.395	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	.228	.228	0	%100
28	M27	Z	-.395	-.395	0	%100
29	M28	X	.09	.09	0	%100
30	M28	Z	-.155	-.155	0	%100
31	M29	X	.089	.089	0	%100
32	M29	Z	-.154	-.154	0	%100
33	M30	X	.357	.357	0	%100
34	M30	Z	-.618	-.618	0	%100
35	M31	X	.357	.357	0	%100
36	M31	Z	-.618	-.618	0	%100
37	M32	X	.089	.089	0	%100
38	M32	Z	-.154	-.154	0	%100
39	M33	X	.09	.09	0	%100
40	M33	Z	-.155	-.155	0	%100
41	M38	X	.087	.087	0	%100
42	M38	Z	-.151	-.151	0	%100
43	M39	X	.087	.087	0	%100
44	M39	Z	-.151	-.151	0	%100
45	M44	X	.087	.087	0	%100
46	M44	Z	-.151	-.151	0	%100
47	M45	X	.087	.087	0	%100
48	M45	Z	-.151	-.151	0	%100
49	M50	X	.349	.349	0	%100
50	M50	Z	-.604	-.604	0	%100
51	M51	X	.349	.349	0	%100
52	M51	Z	-.604	-.604	0	%100
53	MP4A	X	.248	.248	0	%100
54	MP4A	Z	-.429	-.429	0	%100
55	MP3A	X	.248	.248	0	%100
56	MP3A	Z	-.429	-.429	0	%100
57	MP2A	X	.248	.248	0	%100
58	MP2A	Z	-.429	-.429	0	%100
59	MP1A	X	.248	.248	0	%100
60	MP1A	Z	-.429	-.429	0	%100
61	M122A	X	.469	.469	0	%100
62	M122A	Z	-.812	-.812	0	%100
63	M123A	X	.469	.469	0	%100
64	M123A	Z	-.812	-.812	0	%100
65	M128	X	.073	.073	0	%100
66	M128	Z	-.126	-.126	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M129	X	.072	.072	0	%100
68	M129	Z	-.125	-.125	0	%100
69	M138	X	.072	.072	0	%100
70	M138	Z	-.125	-.125	0	%100
71	M141	X	.073	.073	0	%100
72	M141	Z	-.126	-.126	0	%100
73	M150	X	.291	.291	0	%100
74	M150	Z	-.503	-.503	0	%100
75	M153	X	.291	.291	0	%100
76	M153	Z	-.503	-.503	0	%100
77	M98A	X	.07	.07	0	%100
78	M98A	Z	-.12	-.12	0	%100
79	M99	X	.278	.278	0	%100
80	M99	Z	-.482	-.482	0	%100
81	MP4C	X	.248	.248	0	%100
82	MP4C	Z	-.429	-.429	0	%100
83	MP3C	X	.248	.248	0	%100
84	MP3C	Z	-.429	-.429	0	%100
85	MP2C	X	.248	.248	0	%100
86	MP2C	Z	-.429	-.429	0	%100
87	MP1C	X	.248	.248	0	%100
88	MP1C	Z	-.429	-.429	0	%100
89	MP4B	X	.248	.248	0	%100
90	MP4B	Z	-.429	-.429	0	%100
91	MP3B	X	.248	.248	0	%100
92	MP3B	Z	-.429	-.429	0	%100
93	MP2B	X	.248	.248	0	%100
94	MP2B	Z	-.429	-.429	0	%100
95	MP1B	X	.248	.248	0	%100
96	MP1B	Z	-.429	-.429	0	%100
97	OVP	X	.202	.202	0	%100
98	OVP	Z	-.351	-.351	0	%100
99	M100	X	.225	.225	0	%100
100	M100	Z	-.389	-.389	0	%100
101	M107	X	.225	.225	0	%100
102	M107	Z	-.389	-.389	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	.278	.278	0	%100
106	M117	Z	-.482	-.482	0	%100
107	M118	X	.278	.278	0	%100
108	M118	Z	-.482	-.482	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	.252	.252	0	%100
112	M121	Z	-.436	-.436	0	%100
113	M123	X	.252	.252	0	%100
114	M123	Z	-.436	-.436	0	%100
115	M125A	X	.447	.447	0	%100
116	M125A	Z	-.774	-.774	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.361	.361	0	%100
2	M4	Z	-.209	-.209	0	%100
3	M5	X	.396	.396	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M5	Z	-.228	-.228	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	.396	.396	0	%100
8	M17	Z	-.228	-.228	0	%100
9	M18	X	.271	.271	0	%100
10	M18	Z	-.156	-.156	0	%100
11	M19	X	.527	.527	0	%100
12	M19	Z	-.304	-.304	0	%100
13	M20	X	.132	.132	0	%100
14	M20	Z	-.076	-.076	0	%100
15	M21	X	.132	.132	0	%100
16	M21	Z	-.076	-.076	0	%100
17	M22	X	.516	.516	0	%100
18	M22	Z	-.298	-.298	0	%100
19	M23	X	.129	.129	0	%100
20	M23	Z	-.074	-.074	0	%100
21	M24	X	.129	.129	0	%100
22	M24	Z	-.074	-.074	0	%100
23	M25	X	.527	.527	0	%100
24	M25	Z	-.304	-.304	0	%100
25	M26	X	.132	.132	0	%100
26	M26	Z	-.076	-.076	0	%100
27	M27	X	.132	.132	0	%100
28	M27	Z	-.076	-.076	0	%100
29	M28	X	.464	.464	0	%100
30	M28	Z	-.268	-.268	0	%100
31	M29	X	1e-6	1e-6	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.463	.463	0	%100
34	M30	Z	-.267	-.267	0	%100
35	M31	X	.464	.464	0	%100
36	M31	Z	-.268	-.268	0	%100
37	M32	X	.463	.463	0	%100
38	M32	Z	-.267	-.267	0	%100
39	M33	X	1e-6	1e-6	0	%100
40	M33	Z	0	0	0	%100
41	M38	X	.453	.453	0	%100
42	M38	Z	-.262	-.262	0	%100
43	M39	X	.453	.453	0	%100
44	M39	Z	-.262	-.262	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	.453	.453	0	%100
50	M50	Z	-.262	-.262	0	%100
51	M51	X	.453	.453	0	%100
52	M51	Z	-.262	-.262	0	%100
53	MP4A	X	.429	.429	0	%100
54	MP4A	Z	-.248	-.248	0	%100
55	MP3A	X	.429	.429	0	%100
56	MP3A	Z	-.248	-.248	0	%100
57	MP2A	X	.429	.429	0	%100
58	MP2A	Z	-.248	-.248	0	%100
59	MP1A	X	.429	.429	0	%100
60	MP1A	Z	-.248	-.248	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M122A	X	.271	.271	0	%100
62	M122A	Z	-.156	-.156	0	%100
63	M123A	X	1.083	1.083	0	%100
64	M123A	Z	-.625	-.625	0	%100
65	M128	X	.378	.378	0	%100
66	M128	Z	-.218	-.218	0	%100
67	M129	X	.377	.377	0	%100
68	M129	Z	-.218	-.218	0	%100
69	M138	X	1e-6	1e-6	0	%100
70	M138	Z	0	0	0	%100
71	M141	X	1e-6	1e-6	0	%100
72	M141	Z	0	0	0	%100
73	M150	X	.377	.377	0	%100
74	M150	Z	-.218	-.218	0	%100
75	M153	X	.378	.378	0	%100
76	M153	Z	-.218	-.218	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	.361	.361	0	%100
80	M99	Z	-.209	-.209	0	%100
81	MP4C	X	.429	.429	0	%100
82	MP4C	Z	-.248	-.248	0	%100
83	MP3C	X	.429	.429	0	%100
84	MP3C	Z	-.248	-.248	0	%100
85	MP2C	X	.429	.429	0	%100
86	MP2C	Z	-.248	-.248	0	%100
87	MP1C	X	.429	.429	0	%100
88	MP1C	Z	-.248	-.248	0	%100
89	MP4B	X	.429	.429	0	%100
90	MP4B	Z	-.248	-.248	0	%100
91	MP3B	X	.429	.429	0	%100
92	MP3B	Z	-.248	-.248	0	%100
93	MP2B	X	.429	.429	0	%100
94	MP2B	Z	-.248	-.248	0	%100
95	MP1B	X	.429	.429	0	%100
96	MP1B	Z	-.248	-.248	0	%100
97	OVP	X	.351	.351	0	%100
98	OVP	Z	-.202	-.202	0	%100
99	M100	X	.13	.13	0	%100
100	M100	Z	-.075	-.075	0	%100
101	M107	X	.519	.519	0	%100
102	M107	Z	-.3	-.3	0	%100
103	M114	X	.13	.13	0	%100
104	M114	Z	-.075	-.075	0	%100
105	M117	X	.643	.643	0	%100
106	M117	Z	-.371	-.371	0	%100
107	M118	X	.161	.161	0	%100
108	M118	Z	-.093	-.093	0	%100
109	M119	X	.161	.161	0	%100
110	M119	Z	-.093	-.093	0	%100
111	M121	X	.661	.661	0	%100
112	M121	Z	-.382	-.382	0	%100
113	M123	X	.324	.324	0	%100
114	M123	Z	-.187	-.187	0	%100
115	M125A	X	.661	.661	0	%100
116	M125A	Z	-.382	-.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.556	.556	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	.609	.609	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	.152	.152	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	.152	.152	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	.938	.938	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	.456	.456	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	.456	.456	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	0	0	0	%100
17	M22	X	.447	.447	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	.447	.447	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	0	0	0	%100
23	M25	X	.456	.456	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	.456	.456	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	0	0	0	%100
29	M28	X	.714	.714	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	.179	.179	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.178	.178	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	.179	.179	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	.714	.714	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	.178	.178	0	%100
40	M33	Z	0	0	0	%100
41	M38	X	.698	.698	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	.698	.698	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	.174	.174	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	.174	.174	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	.174	.174	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	.174	.174	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	.495	.495	0	%100
54	MP4A	Z	0	0	0	%100
55	MP3A	X	.495	.495	0	%100
56	MP3A	Z	0	0	0	%100
57	MP2A	X	.495	.495	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP2A	Z	0	0	0	%100
59	MP1A	X	.495	.495	0	%100
60	MP1A	Z	0	0	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	0	0	0	%100
63	M123A	X	.938	.938	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	.581	.581	0	%100
66	M128	Z	0	0	0	%100
67	M129	X	.581	.581	0	%100
68	M129	Z	0	0	0	%100
69	M138	X	.146	.146	0	%100
70	M138	Z	0	0	0	%100
71	M141	X	.145	.145	0	%100
72	M141	Z	0	0	0	%100
73	M150	X	.145	.145	0	%100
74	M150	Z	0	0	0	%100
75	M153	X	.146	.146	0	%100
76	M153	Z	0	0	0	%100
77	M98A	X	.139	.139	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	.139	.139	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	.495	.495	0	%100
82	MP4C	Z	0	0	0	%100
83	MP3C	X	.495	.495	0	%100
84	MP3C	Z	0	0	0	%100
85	MP2C	X	.495	.495	0	%100
86	MP2C	Z	0	0	0	%100
87	MP1C	X	.495	.495	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4B	X	.495	.495	0	%100
90	MP4B	Z	0	0	0	%100
91	MP3B	X	.495	.495	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	.495	.495	0	%100
94	MP2B	Z	0	0	0	%100
95	MP1B	X	.495	.495	0	%100
96	MP1B	Z	0	0	0	%100
97	OVP	X	.405	.405	0	%100
98	OVP	Z	0	0	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	0	0	0	%100
101	M107	X	.45	.45	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	.45	.45	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	.557	.557	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M119	X	.557	.557	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	.894	.894	0	%100
112	M121	Z	0	0	0	%100
113	M123	X	.504	.504	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M125A	X	.504	.504	0	%100
116	M125A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.361	.361	0	%100
2	M4	Z	.209	.209	0	%100
3	M5	X	.396	.396	0	%100
4	M5	Z	.228	.228	0	%100
5	M11	X	.396	.396	0	%100
6	M11	Z	.228	.228	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	1.083	1.083	0	%100
10	M18	Z	.625	.625	0	%100
11	M19	X	.132	.132	0	%100
12	M19	Z	.076	.076	0	%100
13	M20	X	.527	.527	0	%100
14	M20	Z	.304	.304	0	%100
15	M21	X	.132	.132	0	%100
16	M21	Z	.076	.076	0	%100
17	M22	X	.129	.129	0	%100
18	M22	Z	.074	.074	0	%100
19	M23	X	.516	.516	0	%100
20	M23	Z	.298	.298	0	%100
21	M24	X	.129	.129	0	%100
22	M24	Z	.074	.074	0	%100
23	M25	X	.132	.132	0	%100
24	M25	Z	.076	.076	0	%100
25	M26	X	.527	.527	0	%100
26	M26	Z	.304	.304	0	%100
27	M27	X	.132	.132	0	%100
28	M27	Z	.076	.076	0	%100
29	M28	X	.463	.463	0	%100
30	M28	Z	.267	.267	0	%100
31	M29	X	.464	.464	0	%100
32	M29	Z	.268	.268	0	%100
33	M30	X	1e-6	1e-6	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	1e-6	1e-6	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	.464	.464	0	%100
38	M32	Z	.268	.268	0	%100
39	M33	X	.463	.463	0	%100
40	M33	Z	.267	.267	0	%100
41	M38	X	.453	.453	0	%100
42	M38	Z	.262	.262	0	%100
43	M39	X	.453	.453	0	%100
44	M39	Z	.262	.262	0	%100
45	M44	X	.453	.453	0	%100
46	M44	Z	.262	.262	0	%100
47	M45	X	.453	.453	0	%100
48	M45	Z	.262	.262	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
52	M51	Z	0	0	0	%100
53	MP4A	X	.429	.429	0	%100
54	MP4A	Z	.248	.248	0	%100
55	MP3A	X	.429	.429	0	%100
56	MP3A	Z	.248	.248	0	%100
57	MP2A	X	.429	.429	0	%100
58	MP2A	Z	.248	.248	0	%100
59	MP1A	X	.429	.429	0	%100
60	MP1A	Z	.248	.248	0	%100
61	M122A	X	.271	.271	0	%100
62	M122A	Z	.156	.156	0	%100
63	M123A	X	.271	.271	0	%100
64	M123A	Z	.156	.156	0	%100
65	M128	X	.377	.377	0	%100
66	M128	Z	.218	.218	0	%100
67	M129	X	.378	.378	0	%100
68	M129	Z	.218	.218	0	%100
69	M138	X	.378	.378	0	%100
70	M138	Z	.218	.218	0	%100
71	M141	X	.377	.377	0	%100
72	M141	Z	.218	.218	0	%100
73	M150	X	1e-6	1e-6	0	%100
74	M150	Z	0	0	0	%100
75	M153	X	1e-6	1e-6	0	%100
76	M153	Z	0	0	0	%100
77	M98A	X	.361	.361	0	%100
78	M98A	Z	.209	.209	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	.429	.429	0	%100
82	MP4C	Z	.248	.248	0	%100
83	MP3C	X	.429	.429	0	%100
84	MP3C	Z	.248	.248	0	%100
85	MP2C	X	.429	.429	0	%100
86	MP2C	Z	.248	.248	0	%100
87	MP1C	X	.429	.429	0	%100
88	MP1C	Z	.248	.248	0	%100
89	MP4B	X	.429	.429	0	%100
90	MP4B	Z	.248	.248	0	%100
91	MP3B	X	.429	.429	0	%100
92	MP3B	Z	.248	.248	0	%100
93	MP2B	X	.429	.429	0	%100
94	MP2B	Z	.248	.248	0	%100
95	MP1B	X	.429	.429	0	%100
96	MP1B	Z	.248	.248	0	%100
97	OVP	X	.351	.351	0	%100
98	OVP	Z	.202	.202	0	%100
99	M100	X	.13	.13	0	%100
100	M100	Z	.075	.075	0	%100
101	M107	X	.13	.13	0	%100
102	M107	Z	.075	.075	0	%100
103	M114	X	.519	.519	0	%100
104	M114	Z	.3	.3	0	%100
105	M117	X	.161	.161	0	%100
106	M117	Z	.093	.093	0	%100
107	M118	X	.161	.161	0	%100
108	M118	Z	.093	.093	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
109	M119	X	.643	.643	0	%100
110	M119	Z	.371	.371	0	%100
111	M121	X	.661	.661	0	%100
112	M121	Z	.382	.382	0	%100
113	M123	X	.661	.661	0	%100
114	M123	Z	.382	.382	0	%100
115	M125A	X	.324	.324	0	%100
116	M125A	Z	.187	.187	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.07	.07	0	%100
2	M4	Z	.12	.12	0	%100
3	M5	X	.076	.076	0	%100
4	M5	Z	.132	.132	0	%100
5	M11	X	.305	.305	0	%100
6	M11	Z	.528	.528	0	%100
7	M17	X	.076	.076	0	%100
8	M17	Z	.132	.132	0	%100
9	M18	X	.469	.469	0	%100
10	M18	Z	.812	.812	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	.228	.228	0	%100
14	M20	Z	.395	.395	0	%100
15	M21	X	.228	.228	0	%100
16	M21	Z	.395	.395	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	.223	.223	0	%100
20	M23	Z	.387	.387	0	%100
21	M24	X	.223	.223	0	%100
22	M24	Z	.387	.387	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	.228	.228	0	%100
26	M26	Z	.395	.395	0	%100
27	M27	X	.228	.228	0	%100
28	M27	Z	.395	.395	0	%100
29	M28	X	.089	.089	0	%100
30	M28	Z	.154	.154	0	%100
31	M29	X	.357	.357	0	%100
32	M29	Z	.618	.618	0	%100
33	M30	X	.09	.09	0	%100
34	M30	Z	.155	.155	0	%100
35	M31	X	.089	.089	0	%100
36	M31	Z	.154	.154	0	%100
37	M32	X	.09	.09	0	%100
38	M32	Z	.155	.155	0	%100
39	M33	X	.357	.357	0	%100
40	M33	Z	.618	.618	0	%100
41	M38	X	.087	.087	0	%100
42	M38	Z	.151	.151	0	%100
43	M39	X	.087	.087	0	%100
44	M39	Z	.151	.151	0	%100
45	M44	X	.349	.349	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M44	Z	.604	.604	0	%100
47	M45	X	.349	.349	0	%100
48	M45	Z	.604	.604	0	%100
49	M50	X	.087	.087	0	%100
50	M50	Z	.151	.151	0	%100
51	M51	X	.087	.087	0	%100
52	M51	Z	.151	.151	0	%100
53	MP4A	X	.248	.248	0	%100
54	MP4A	Z	.429	.429	0	%100
55	MP3A	X	.248	.248	0	%100
56	MP3A	Z	.429	.429	0	%100
57	MP2A	X	.248	.248	0	%100
58	MP2A	Z	.429	.429	0	%100
59	MP1A	X	.248	.248	0	%100
60	MP1A	Z	.429	.429	0	%100
61	M122A	X	.469	.469	0	%100
62	M122A	Z	.812	.812	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	.072	.072	0	%100
66	M128	Z	.125	.125	0	%100
67	M129	X	.073	.073	0	%100
68	M129	Z	.126	.126	0	%100
69	M138	X	.291	.291	0	%100
70	M138	Z	.503	.503	0	%100
71	M141	X	.291	.291	0	%100
72	M141	Z	.503	.503	0	%100
73	M150	X	.073	.073	0	%100
74	M150	Z	.126	.126	0	%100
75	M153	X	.072	.072	0	%100
76	M153	Z	.125	.125	0	%100
77	M98A	X	.278	.278	0	%100
78	M98A	Z	.482	.482	0	%100
79	M99	X	.07	.07	0	%100
80	M99	Z	.12	.12	0	%100
81	MP4C	X	.248	.248	0	%100
82	MP4C	Z	.429	.429	0	%100
83	MP3C	X	.248	.248	0	%100
84	MP3C	Z	.429	.429	0	%100
85	MP2C	X	.248	.248	0	%100
86	MP2C	Z	.429	.429	0	%100
87	MP1C	X	.248	.248	0	%100
88	MP1C	Z	.429	.429	0	%100
89	MP4B	X	.248	.248	0	%100
90	MP4B	Z	.429	.429	0	%100
91	MP3B	X	.248	.248	0	%100
92	MP3B	Z	.429	.429	0	%100
93	MP2B	X	.248	.248	0	%100
94	MP2B	Z	.429	.429	0	%100
95	MP1B	X	.248	.248	0	%100
96	MP1B	Z	.429	.429	0	%100
97	OVP	X	.202	.202	0	%100
98	OVP	Z	.351	.351	0	%100
99	M100	X	.225	.225	0	%100
100	M100	Z	.389	.389	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	M114	X	.225	.225	0	%100
104	M114	Z	.389	.389	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	.278	.278	0	%100
108	M118	Z	.482	.482	0	%100
109	M119	X	.278	.278	0	%100
110	M119	Z	.482	.482	0	%100
111	M121	X	.252	.252	0	%100
112	M121	Z	.436	.436	0	%100
113	M123	X	.447	.447	0	%100
114	M123	Z	.774	.774	0	%100
115	M125A	X	.252	.252	0	%100
116	M125A	Z	.436	.436	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	0	0	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	.457	.457	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	.457	.457	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	.313	.313	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	.152	.152	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	.152	.152	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	.608	.608	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	.149	.149	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	.149	.149	0	%100
21	M24	X	0	0	0	%100
22	M24	Z	.596	.596	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	.152	.152	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	.152	.152	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	.608	.608	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	1e-6	1e-6	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	.535	.535	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	.536	.536	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	.535	.535	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	1e-6	1e-6	0	%100
39	M33	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M33	Z	.536	.536	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	.523	.523	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	.523	.523	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	.523	.523	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	.523	.523	0	%100
53	MP4A	X	0	0	0	%100
54	MP4A	Z	.495	.495	0	%100
55	MP3A	X	0	0	0	%100
56	MP3A	Z	.495	.495	0	%100
57	MP2A	X	0	0	0	%100
58	MP2A	Z	.495	.495	0	%100
59	MP1A	X	0	0	0	%100
60	MP1A	Z	.495	.495	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	1.251	1.251	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	.313	.313	0	%100
65	M128	X	0	0	0	%100
66	M128	Z	1e-6	1e-6	0	%100
67	M129	X	0	0	0	%100
68	M129	Z	1e-6	1e-6	0	%100
69	M138	X	0	0	0	%100
70	M138	Z	.435	.435	0	%100
71	M141	X	0	0	0	%100
72	M141	Z	.436	.436	0	%100
73	M150	X	0	0	0	%100
74	M150	Z	.436	.436	0	%100
75	M153	X	0	0	0	%100
76	M153	Z	.435	.435	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	.417	.417	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	.417	.417	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	.495	.495	0	%100
83	MP3C	X	0	0	0	%100
84	MP3C	Z	.495	.495	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	.495	.495	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	.495	.495	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	.495	.495	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	.495	.495	0	%100
93	MP2B	X	0	0	0	%100
94	MP2B	Z	.495	.495	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.495	.495	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	OVP	X	0	0	0	%100
98	OVP	Z	.405	.405	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	.599	.599	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	.15	.15	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	.15	.15	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	.186	.186	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	.743	.743	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	.186	.186	0	%100
111	M121	X	0	0	0	%100
112	M121	Z	.374	.374	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.764	.764	0	%100
115	M125A	X	0	0	0	%100
116	M125A	Z	.764	.764	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.07	-.07	0	%100
2	M4	Z	.12	.12	0	%100
3	M5	X	-.076	-.076	0	%100
4	M5	Z	.132	.132	0	%100
5	M11	X	-.076	-.076	0	%100
6	M11	Z	.132	.132	0	%100
7	M17	X	-.305	-.305	0	%100
8	M17	Z	.528	.528	0	%100
9	M18	X	0	0	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	-.228	-.228	0	%100
12	M19	Z	.395	.395	0	%100
13	M20	X	0	0	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	-.228	-.228	0	%100
16	M21	Z	.395	.395	0	%100
17	M22	X	-.223	-.223	0	%100
18	M22	Z	.387	.387	0	%100
19	M23	X	0	0	0	%100
20	M23	Z	0	0	0	%100
21	M24	X	-.223	-.223	0	%100
22	M24	Z	.387	.387	0	%100
23	M25	X	-.228	-.228	0	%100
24	M25	Z	.395	.395	0	%100
25	M26	X	0	0	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	-.228	-.228	0	%100
28	M27	Z	.395	.395	0	%100
29	M28	X	-.09	-.09	0	%100
30	M28	Z	.155	.155	0	%100
31	M29	X	-.089	-.089	0	%100
32	M29	Z	.154	.154	0	%100
33	M30	X	-.357	-.357	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M30	Z	.618	.618	0	%100
35	M31	X	-.357	-.357	0	%100
36	M31	Z	.618	.618	0	%100
37	M32	X	-.089	-.089	0	%100
38	M32	Z	.154	.154	0	%100
39	M33	X	-.09	-.09	0	%100
40	M33	Z	.155	.155	0	%100
41	M38	X	-.087	-.087	0	%100
42	M38	Z	.151	.151	0	%100
43	M39	X	-.087	-.087	0	%100
44	M39	Z	.151	.151	0	%100
45	M44	X	-.087	-.087	0	%100
46	M44	Z	.151	.151	0	%100
47	M45	X	-.087	-.087	0	%100
48	M45	Z	.151	.151	0	%100
49	M50	X	-.349	-.349	0	%100
50	M50	Z	.604	.604	0	%100
51	M51	X	-.349	-.349	0	%100
52	M51	Z	.604	.604	0	%100
53	MP4A	X	-.248	-.248	0	%100
54	MP4A	Z	.429	.429	0	%100
55	MP3A	X	-.248	-.248	0	%100
56	MP3A	Z	.429	.429	0	%100
57	MP2A	X	-.248	-.248	0	%100
58	MP2A	Z	.429	.429	0	%100
59	MP1A	X	-.248	-.248	0	%100
60	MP1A	Z	.429	.429	0	%100
61	M122A	X	-.469	-.469	0	%100
62	M122A	Z	.812	.812	0	%100
63	M123A	X	-.469	-.469	0	%100
64	M123A	Z	.812	.812	0	%100
65	M128	X	-.073	-.073	0	%100
66	M128	Z	.126	.126	0	%100
67	M129	X	-.072	-.072	0	%100
68	M129	Z	.125	.125	0	%100
69	M138	X	-.072	-.072	0	%100
70	M138	Z	.125	.125	0	%100
71	M141	X	-.073	-.073	0	%100
72	M141	Z	.126	.126	0	%100
73	M150	X	-.291	-.291	0	%100
74	M150	Z	.503	.503	0	%100
75	M153	X	-.291	-.291	0	%100
76	M153	Z	.503	.503	0	%100
77	M98A	X	-.07	-.07	0	%100
78	M98A	Z	.12	.12	0	%100
79	M99	X	-.278	-.278	0	%100
80	M99	Z	.482	.482	0	%100
81	MP4C	X	-.248	-.248	0	%100
82	MP4C	Z	.429	.429	0	%100
83	MP3C	X	-.248	-.248	0	%100
84	MP3C	Z	.429	.429	0	%100
85	MP2C	X	-.248	-.248	0	%100
86	MP2C	Z	.429	.429	0	%100
87	MP1C	X	-.248	-.248	0	%100
88	MP1C	Z	.429	.429	0	%100
89	MP4B	X	-.248	-.248	0	%100
90	MP4B	Z	.429	.429	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	MP3B	X	-.248	-.248	0	%100
92	MP3B	Z	.429	.429	0	%100
93	MP2B	X	-.248	-.248	0	%100
94	MP2B	Z	.429	.429	0	%100
95	MP1B	X	-.248	-.248	0	%100
96	MP1B	Z	.429	.429	0	%100
97	OVP	X	-.202	-.202	0	%100
98	OVP	Z	.351	.351	0	%100
99	M100	X	-.225	-.225	0	%100
100	M100	Z	.389	.389	0	%100
101	M107	X	-.225	-.225	0	%100
102	M107	Z	.389	.389	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	-.278	-.278	0	%100
106	M117	Z	.482	.482	0	%100
107	M118	X	-.278	-.278	0	%100
108	M118	Z	.482	.482	0	%100
109	M119	X	0	0	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	-.252	-.252	0	%100
112	M121	Z	.436	.436	0	%100
113	M123	X	-.252	-.252	0	%100
114	M123	Z	.436	.436	0	%100
115	M125A	X	-.447	-.447	0	%100
116	M125A	Z	.774	.774	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.361	-.361	0	%100
2	M4	Z	.209	.209	0	%100
3	M5	X	-.396	-.396	0	%100
4	M5	Z	.228	.228	0	%100
5	M11	X	0	0	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	-.396	-.396	0	%100
8	M17	Z	.228	.228	0	%100
9	M18	X	-.271	-.271	0	%100
10	M18	Z	.156	.156	0	%100
11	M19	X	-.527	-.527	0	%100
12	M19	Z	.304	.304	0	%100
13	M20	X	-.132	-.132	0	%100
14	M20	Z	.076	.076	0	%100
15	M21	X	-.132	-.132	0	%100
16	M21	Z	.076	.076	0	%100
17	M22	X	-.516	-.516	0	%100
18	M22	Z	.298	.298	0	%100
19	M23	X	-.129	-.129	0	%100
20	M23	Z	.074	.074	0	%100
21	M24	X	-.129	-.129	0	%100
22	M24	Z	.074	.074	0	%100
23	M25	X	-.527	-.527	0	%100
24	M25	Z	.304	.304	0	%100
25	M26	X	-.132	-.132	0	%100
26	M26	Z	.076	.076	0	%100
27	M27	X	-.132	-.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M27	Z	.076	.076	0	%100
29	M28	X	-.464	-.464	0	%100
30	M28	Z	.268	.268	0	%100
31	M29	X	-1e-6	-1e-6	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.463	-.463	0	%100
34	M30	Z	.267	.267	0	%100
35	M31	X	-.464	-.464	0	%100
36	M31	Z	.268	.268	0	%100
37	M32	X	-.463	-.463	0	%100
38	M32	Z	.267	.267	0	%100
39	M33	X	-1e-6	-1e-6	0	%100
40	M33	Z	0	0	0	%100
41	M38	X	-.453	-.453	0	%100
42	M38	Z	.262	.262	0	%100
43	M39	X	-.453	-.453	0	%100
44	M39	Z	.262	.262	0	%100
45	M44	X	0	0	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	-.453	-.453	0	%100
50	M50	Z	.262	.262	0	%100
51	M51	X	-.453	-.453	0	%100
52	M51	Z	.262	.262	0	%100
53	MP4A	X	-.429	-.429	0	%100
54	MP4A	Z	.248	.248	0	%100
55	MP3A	X	-.429	-.429	0	%100
56	MP3A	Z	.248	.248	0	%100
57	MP2A	X	-.429	-.429	0	%100
58	MP2A	Z	.248	.248	0	%100
59	MP1A	X	-.429	-.429	0	%100
60	MP1A	Z	.248	.248	0	%100
61	M122A	X	-.271	-.271	0	%100
62	M122A	Z	.156	.156	0	%100
63	M123A	X	-1.083	-1.083	0	%100
64	M123A	Z	.625	.625	0	%100
65	M128	X	-.378	-.378	0	%100
66	M128	Z	.218	.218	0	%100
67	M129	X	-.377	-.377	0	%100
68	M129	Z	.218	.218	0	%100
69	M138	X	-1e-6	-1e-6	0	%100
70	M138	Z	0	0	0	%100
71	M141	X	-1e-6	-1e-6	0	%100
72	M141	Z	0	0	0	%100
73	M150	X	-.377	-.377	0	%100
74	M150	Z	.218	.218	0	%100
75	M153	X	-.378	-.378	0	%100
76	M153	Z	.218	.218	0	%100
77	M98A	X	0	0	0	%100
78	M98A	Z	0	0	0	%100
79	M99	X	-.361	-.361	0	%100
80	M99	Z	.209	.209	0	%100
81	MP4C	X	-.429	-.429	0	%100
82	MP4C	Z	.248	.248	0	%100
83	MP3C	X	-.429	-.429	0	%100
84	MP3C	Z	.248	.248	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP2C	X	-.429	-.429	0	%100
86	MP2C	Z	.248	.248	0	%100
87	MP1C	X	-.429	-.429	0	%100
88	MP1C	Z	.248	.248	0	%100
89	MP4B	X	-.429	-.429	0	%100
90	MP4B	Z	.248	.248	0	%100
91	MP3B	X	-.429	-.429	0	%100
92	MP3B	Z	.248	.248	0	%100
93	MP2B	X	-.429	-.429	0	%100
94	MP2B	Z	.248	.248	0	%100
95	MP1B	X	-.429	-.429	0	%100
96	MP1B	Z	.248	.248	0	%100
97	OVP	X	-.351	-.351	0	%100
98	OVP	Z	.202	.202	0	%100
99	M100	X	-.13	-.13	0	%100
100	M100	Z	.075	.075	0	%100
101	M107	X	-.519	-.519	0	%100
102	M107	Z	.3	.3	0	%100
103	M114	X	-.13	-.13	0	%100
104	M114	Z	.075	.075	0	%100
105	M117	X	-.643	-.643	0	%100
106	M117	Z	.371	.371	0	%100
107	M118	X	-.161	-.161	0	%100
108	M118	Z	.093	.093	0	%100
109	M119	X	-.161	-.161	0	%100
110	M119	Z	.093	.093	0	%100
111	M121	X	-.661	-.661	0	%100
112	M121	Z	.382	.382	0	%100
113	M123	X	-.324	-.324	0	%100
114	M123	Z	.187	.187	0	%100
115	M125A	X	-.661	-.661	0	%100
116	M125A	Z	.382	.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.556	-.556	0	%100
2	M4	Z	0	0	0	%100
3	M5	X	-.609	-.609	0	%100
4	M5	Z	0	0	0	%100
5	M11	X	-.152	-.152	0	%100
6	M11	Z	0	0	0	%100
7	M17	X	-.152	-.152	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	-.938	-.938	0	%100
10	M18	Z	0	0	0	%100
11	M19	X	-.456	-.456	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	-.456	-.456	0	%100
14	M20	Z	0	0	0	%100
15	M21	X	0	0	0	%100
16	M21	Z	0	0	0	%100
17	M22	X	-.447	-.447	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	-.447	-.447	0	%100
20	M23	Z	0	0	0	%100
21	M24	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,F...	Start Location[ft,%]	End Location[ft,%]
22	M24	Z	0	0	0	%100
23	M25	X	-.456	-.456	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	-.456	-.456	0	%100
26	M26	Z	0	0	0	%100
27	M27	X	0	0	0	%100
28	M27	Z	0	0	0	%100
29	M28	X	-.714	-.714	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	-.179	-.179	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.178	-.178	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-.179	-.179	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-.714	-.714	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	-.178	-.178	0	%100
40	M33	Z	0	0	0	%100
41	M38	X	-.698	-.698	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-.698	-.698	0	%100
44	M39	Z	0	0	0	%100
45	M44	X	-.174	-.174	0	%100
46	M44	Z	0	0	0	%100
47	M45	X	-.174	-.174	0	%100
48	M45	Z	0	0	0	%100
49	M50	X	-.174	-.174	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	-.174	-.174	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	-.495	-.495	0	%100
54	MP4A	Z	0	0	0	%100
55	MP3A	X	-.495	-.495	0	%100
56	MP3A	Z	0	0	0	%100
57	MP2A	X	-.495	-.495	0	%100
58	MP2A	Z	0	0	0	%100
59	MP1A	X	-.495	-.495	0	%100
60	MP1A	Z	0	0	0	%100
61	M122A	X	0	0	0	%100
62	M122A	Z	0	0	0	%100
63	M123A	X	-.938	-.938	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	-.581	-.581	0	%100
66	M128	Z	0	0	0	%100
67	M129	X	-.581	-.581	0	%100
68	M129	Z	0	0	0	%100
69	M138	X	-.146	-.146	0	%100
70	M138	Z	0	0	0	%100
71	M141	X	-.145	-.145	0	%100
72	M141	Z	0	0	0	%100
73	M150	X	-.145	-.145	0	%100
74	M150	Z	0	0	0	%100
75	M153	X	-.146	-.146	0	%100
76	M153	Z	0	0	0	%100
77	M98A	X	-.139	-.139	0	%100
78	M98A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M99	X	-.139	-.139	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	-.495	-.495	0	%100
82	MP4C	Z	0	0	0	%100
83	MP3C	X	-.495	-.495	0	%100
84	MP3C	Z	0	0	0	%100
85	MP2C	X	-.495	-.495	0	%100
86	MP2C	Z	0	0	0	%100
87	MP1C	X	-.495	-.495	0	%100
88	MP1C	Z	0	0	0	%100
89	MP4B	X	-.495	-.495	0	%100
90	MP4B	Z	0	0	0	%100
91	MP3B	X	-.495	-.495	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2B	X	-.495	-.495	0	%100
94	MP2B	Z	0	0	0	%100
95	MP1B	X	-.495	-.495	0	%100
96	MP1B	Z	0	0	0	%100
97	OVP	X	-.405	-.405	0	%100
98	OVP	Z	0	0	0	%100
99	M100	X	0	0	0	%100
100	M100	Z	0	0	0	%100
101	M107	X	-.45	-.45	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	-.45	-.45	0	%100
104	M114	Z	0	0	0	%100
105	M117	X	-.557	-.557	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	0	0	0	%100
108	M118	Z	0	0	0	%100
109	M119	X	-.557	-.557	0	%100
110	M119	Z	0	0	0	%100
111	M121	X	-.894	-.894	0	%100
112	M121	Z	0	0	0	%100
113	M123	X	-.504	-.504	0	%100
114	M123	Z	0	0	0	%100
115	M125A	X	-.504	-.504	0	%100
116	M125A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.361	-.361	0	%100
2	M4	Z	-.209	-.209	0	%100
3	M5	X	-.396	-.396	0	%100
4	M5	Z	-.228	-.228	0	%100
5	M11	X	-.396	-.396	0	%100
6	M11	Z	-.228	-.228	0	%100
7	M17	X	0	0	0	%100
8	M17	Z	0	0	0	%100
9	M18	X	-1.083	-1.083	0	%100
10	M18	Z	-.625	-.625	0	%100
11	M19	X	-.132	-.132	0	%100
12	M19	Z	-.076	-.076	0	%100
13	M20	X	-.527	-.527	0	%100
14	M20	Z	-.304	-.304	0	%100
15	M21	X	-.132	-.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M21	Z	-.076	-.076	0	%100
17	M22	X	-.129	-.129	0	%100
18	M22	Z	-.074	-.074	0	%100
19	M23	X	-.516	-.516	0	%100
20	M23	Z	-.298	-.298	0	%100
21	M24	X	-.129	-.129	0	%100
22	M24	Z	-.074	-.074	0	%100
23	M25	X	-.132	-.132	0	%100
24	M25	Z	-.076	-.076	0	%100
25	M26	X	-.527	-.527	0	%100
26	M26	Z	-.304	-.304	0	%100
27	M27	X	-.132	-.132	0	%100
28	M27	Z	-.076	-.076	0	%100
29	M28	X	-.463	-.463	0	%100
30	M28	Z	-.267	-.267	0	%100
31	M29	X	-.464	-.464	0	%100
32	M29	Z	-.268	-.268	0	%100
33	M30	X	-1e-6	-1e-6	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-1e-6	-1e-6	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-.464	-.464	0	%100
38	M32	Z	-.268	-.268	0	%100
39	M33	X	-.463	-.463	0	%100
40	M33	Z	-.267	-.267	0	%100
41	M38	X	-.453	-.453	0	%100
42	M38	Z	-.262	-.262	0	%100
43	M39	X	-.453	-.453	0	%100
44	M39	Z	-.262	-.262	0	%100
45	M44	X	-.453	-.453	0	%100
46	M44	Z	-.262	-.262	0	%100
47	M45	X	-.453	-.453	0	%100
48	M45	Z	-.262	-.262	0	%100
49	M50	X	0	0	0	%100
50	M50	Z	0	0	0	%100
51	M51	X	0	0	0	%100
52	M51	Z	0	0	0	%100
53	MP4A	X	-.429	-.429	0	%100
54	MP4A	Z	-.248	-.248	0	%100
55	MP3A	X	-.429	-.429	0	%100
56	MP3A	Z	-.248	-.248	0	%100
57	MP2A	X	-.429	-.429	0	%100
58	MP2A	Z	-.248	-.248	0	%100
59	MP1A	X	-.429	-.429	0	%100
60	MP1A	Z	-.248	-.248	0	%100
61	M122A	X	-.271	-.271	0	%100
62	M122A	Z	-.156	-.156	0	%100
63	M123A	X	-.271	-.271	0	%100
64	M123A	Z	-.156	-.156	0	%100
65	M128	X	-.377	-.377	0	%100
66	M128	Z	-.218	-.218	0	%100
67	M129	X	-.378	-.378	0	%100
68	M129	Z	-.218	-.218	0	%100
69	M138	X	-.378	-.378	0	%100
70	M138	Z	-.218	-.218	0	%100
71	M141	X	-.377	-.377	0	%100
72	M141	Z	-.218	-.218	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
73	M150	X	-1e-6	-1e-6	0	%100
74	M150	Z	0	0	0	%100
75	M153	X	-1e-6	-1e-6	0	%100
76	M153	Z	0	0	0	%100
77	M98A	X	-.361	-.361	0	%100
78	M98A	Z	-.209	-.209	0	%100
79	M99	X	0	0	0	%100
80	M99	Z	0	0	0	%100
81	MP4C	X	-.429	-.429	0	%100
82	MP4C	Z	-.248	-.248	0	%100
83	MP3C	X	-.429	-.429	0	%100
84	MP3C	Z	-.248	-.248	0	%100
85	MP2C	X	-.429	-.429	0	%100
86	MP2C	Z	-.248	-.248	0	%100
87	MP1C	X	-.429	-.429	0	%100
88	MP1C	Z	-.248	-.248	0	%100
89	MP4B	X	-.429	-.429	0	%100
90	MP4B	Z	-.248	-.248	0	%100
91	MP3B	X	-.429	-.429	0	%100
92	MP3B	Z	-.248	-.248	0	%100
93	MP2B	X	-.429	-.429	0	%100
94	MP2B	Z	-.248	-.248	0	%100
95	MP1B	X	-.429	-.429	0	%100
96	MP1B	Z	-.248	-.248	0	%100
97	OVP	X	-.351	-.351	0	%100
98	OVP	Z	-.202	-.202	0	%100
99	M100	X	-.13	-.13	0	%100
100	M100	Z	-.075	-.075	0	%100
101	M107	X	-.13	-.13	0	%100
102	M107	Z	-.075	-.075	0	%100
103	M114	X	-.519	-.519	0	%100
104	M114	Z	-.3	-.3	0	%100
105	M117	X	-.161	-.161	0	%100
106	M117	Z	-.093	-.093	0	%100
107	M118	X	-.161	-.161	0	%100
108	M118	Z	-.093	-.093	0	%100
109	M119	X	-.643	-.643	0	%100
110	M119	Z	-.371	-.371	0	%100
111	M121	X	-.661	-.661	0	%100
112	M121	Z	-.382	-.382	0	%100
113	M123	X	-.661	-.661	0	%100
114	M123	Z	-.382	-.382	0	%100
115	M125A	X	-.324	-.324	0	%100
116	M125A	Z	-.187	-.187	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.07	-.07	0	%100
2	M4	Z	-.12	-.12	0	%100
3	M5	X	-.076	-.076	0	%100
4	M5	Z	-.132	-.132	0	%100
5	M11	X	-.305	-.305	0	%100
6	M11	Z	-.528	-.528	0	%100
7	M17	X	-.076	-.076	0	%100
8	M17	Z	-.132	-.132	0	%100
9	M18	X	-.469	-.469	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M18	Z	-.812	-.812	0	%100
11	M19	X	0	0	0	%100
12	M19	Z	0	0	0	%100
13	M20	X	-.228	-.228	0	%100
14	M20	Z	-.395	-.395	0	%100
15	M21	X	-.228	-.228	0	%100
16	M21	Z	-.395	-.395	0	%100
17	M22	X	0	0	0	%100
18	M22	Z	0	0	0	%100
19	M23	X	-.223	-.223	0	%100
20	M23	Z	-.387	-.387	0	%100
21	M24	X	-.223	-.223	0	%100
22	M24	Z	-.387	-.387	0	%100
23	M25	X	0	0	0	%100
24	M25	Z	0	0	0	%100
25	M26	X	-.228	-.228	0	%100
26	M26	Z	-.395	-.395	0	%100
27	M27	X	-.228	-.228	0	%100
28	M27	Z	-.395	-.395	0	%100
29	M28	X	-.089	-.089	0	%100
30	M28	Z	-.154	-.154	0	%100
31	M29	X	-.357	-.357	0	%100
32	M29	Z	-.618	-.618	0	%100
33	M30	X	-.09	-.09	0	%100
34	M30	Z	-.155	-.155	0	%100
35	M31	X	-.089	-.089	0	%100
36	M31	Z	-.154	-.154	0	%100
37	M32	X	-.09	-.09	0	%100
38	M32	Z	-.155	-.155	0	%100
39	M33	X	-.357	-.357	0	%100
40	M33	Z	-.618	-.618	0	%100
41	M38	X	-.087	-.087	0	%100
42	M38	Z	-.151	-.151	0	%100
43	M39	X	-.087	-.087	0	%100
44	M39	Z	-.151	-.151	0	%100
45	M44	X	-.349	-.349	0	%100
46	M44	Z	-.604	-.604	0	%100
47	M45	X	-.349	-.349	0	%100
48	M45	Z	-.604	-.604	0	%100
49	M50	X	-.087	-.087	0	%100
50	M50	Z	-.151	-.151	0	%100
51	M51	X	-.087	-.087	0	%100
52	M51	Z	-.151	-.151	0	%100
53	MP4A	X	-.248	-.248	0	%100
54	MP4A	Z	-.429	-.429	0	%100
55	MP3A	X	-.248	-.248	0	%100
56	MP3A	Z	-.429	-.429	0	%100
57	MP2A	X	-.248	-.248	0	%100
58	MP2A	Z	-.429	-.429	0	%100
59	MP1A	X	-.248	-.248	0	%100
60	MP1A	Z	-.429	-.429	0	%100
61	M122A	X	-.469	-.469	0	%100
62	M122A	Z	-.812	-.812	0	%100
63	M123A	X	0	0	0	%100
64	M123A	Z	0	0	0	%100
65	M128	X	-.072	-.072	0	%100
66	M128	Z	-.125	-.125	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M129	X	-.073	-.073	0	%100
68	M129	Z	-.126	-.126	0	%100
69	M138	X	-.291	-.291	0	%100
70	M138	Z	-.503	-.503	0	%100
71	M141	X	-.291	-.291	0	%100
72	M141	Z	-.503	-.503	0	%100
73	M150	X	-.073	-.073	0	%100
74	M150	Z	-.126	-.126	0	%100
75	M153	X	-.072	-.072	0	%100
76	M153	Z	-.125	-.125	0	%100
77	M98A	X	-.278	-.278	0	%100
78	M98A	Z	-.482	-.482	0	%100
79	M99	X	-.07	-.07	0	%100
80	M99	Z	-.12	-.12	0	%100
81	MP4C	X	-.248	-.248	0	%100
82	MP4C	Z	-.429	-.429	0	%100
83	MP3C	X	-.248	-.248	0	%100
84	MP3C	Z	-.429	-.429	0	%100
85	MP2C	X	-.248	-.248	0	%100
86	MP2C	Z	-.429	-.429	0	%100
87	MP1C	X	-.248	-.248	0	%100
88	MP1C	Z	-.429	-.429	0	%100
89	MP4B	X	-.248	-.248	0	%100
90	MP4B	Z	-.429	-.429	0	%100
91	MP3B	X	-.248	-.248	0	%100
92	MP3B	Z	-.429	-.429	0	%100
93	MP2B	X	-.248	-.248	0	%100
94	MP2B	Z	-.429	-.429	0	%100
95	MP1B	X	-.248	-.248	0	%100
96	MP1B	Z	-.429	-.429	0	%100
97	OVP	X	-.202	-.202	0	%100
98	OVP	Z	-.351	-.351	0	%100
99	M100	X	-.225	-.225	0	%100
100	M100	Z	-.389	-.389	0	%100
101	M107	X	0	0	0	%100
102	M107	Z	0	0	0	%100
103	M114	X	-.225	-.225	0	%100
104	M114	Z	-.389	-.389	0	%100
105	M117	X	0	0	0	%100
106	M117	Z	0	0	0	%100
107	M118	X	-.278	-.278	0	%100
108	M118	Z	-.482	-.482	0	%100
109	M119	X	-.278	-.278	0	%100
110	M119	Z	-.482	-.482	0	%100
111	M121	X	-.252	-.252	0	%100
112	M121	Z	-.436	-.436	0	%100
113	M123	X	-.447	-.447	0	%100
114	M123	Z	-.774	-.774	0	%100
115	M125A	X	-.252	-.252	0	%100
116	M125A	Z	-.436	-.436	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M30	Y	.844	-.305	.895	1.313
2	M30	Y	-.305	-.586	1.313	1.731
3	M30	Y	-.586	.282	1.731	2.149

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M30	Y	.282	-8.163	2.149	2.567
5	M30	Y	-8.163	-25.052	2.567	2.985
6	M31	Y	-27.148	-8.813	0	.418
7	M31	Y	-8.813	.355	.418	.836
8	M31	Y	.355	-.201	.836	1.254
9	M31	Y	-.201	.08	1.254	1.672
10	M31	Y	.08	.917	1.672	2.089
11	M150	Y	-12.628	-22.385	0	.233
12	M150	Y	-22.385	-26.703	.233	.467
13	M150	Y	-26.703	-21.812	.467	.7
14	M150	Y	-21.812	-24.456	.7	.933
15	M150	Y	-24.456	-38.402	.933	1.167
16	M153	Y	-34.85	-28.419	0	.233
17	M153	Y	-28.419	-19.983	.233	.467
18	M153	Y	-19.983	-21.815	.467	.7
19	M153	Y	-21.815	-22.625	.7	.933
20	M153	Y	-22.625	-10.139	.933	1.167
21	M30	Y	-7.536	-6.647	1.194	2.089
22	M30	Y	-6.647	-5.759	2.089	2.985
23	M45	Y	-2.339	-2.339	1.391	2.391
24	M30	Y	-44.711	-13.953	2.174	2.289
25	M30	Y	-13.953	-6.848	2.289	2.404
26	M30	Y	-6.848	-6.848	2.404	2.519
27	M30	Y	-6.848	-13.49	2.519	2.634
28	M30	Y	-13.49	-30.128	2.634	2.749
29	M30	Y	-30.128	-33.573	2.749	2.864
30	M45	Y	-7.374	-4.571	0	1.1
31	M45	Y	-4.571	-1.767	1.1	2.2
32	M123A	Y	-14.821	-12.775	0	.3
33	M123A	Y	-12.775	-5.791	.3	.6
34	M123A	Y	-5.791	.171	.6	.9
35	M31	Y	-5.759	-6.647	0	.895
36	M31	Y	-6.647	-7.536	.895	1.791
37	M38	Y	-2.339	-2.339	1.391	2.391
38	M31	Y	-33.573	-30.13	.121	.236
39	M31	Y	-30.13	-13.491	.236	.351
40	M31	Y	-13.491	-6.849	.351	.466
41	M31	Y	-6.849	-6.849	.466	.581
42	M31	Y	-6.849	-13.959	.581	.696
43	M31	Y	-13.959	-44.727	.696	.811
44	M38	Y	-7.372	-4.57	0	1.1
45	M38	Y	-4.57	-1.768	1.1	2.2
46	M122A	Y	.171	-5.79	.1	.4
47	M122A	Y	-5.79	-12.774	.4	.7
48	M122A	Y	-12.774	-14.82	.7	1
49	M29	Y	-.021	-8.683	1.194	1.791
50	M29	Y	-8.683	-17.222	1.791	2.388
51	M29	Y	-17.222	-16.974	2.388	2.985
52	M39	Y	-2.983	-2.983	0	.602
53	M122A	Y	-7.594	-2.983	0	.9
54	M29	Y	-1.86	-1.781	.895	1.642
55	M29	Y	-1.781	-1.702	1.642	2.388
56	M39	Y	-3.339	-6.028	0	.495
57	M39	Y	-6.028	-7.069	.495	.99
58	M39	Y	-7.069	-7.503	.99	1.485
59	M39	Y	-7.503	-4.188	1.485	1.98
60	M39	Y	-4.188	-.134	1.98	2.475

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M122A	Y	-3.306	-2.794	0	.333
62	M122A	Y	-2.794	-1.248	.333	.667
63	M122A	Y	-1.248	.043	.667	1
64	M29	Y	.843	-.316	.895	1.313
65	M29	Y	-.316	-.597	1.313	1.731
66	M29	Y	-.597	.281	1.731	2.149
67	M29	Y	.281	-8.154	2.149	2.567
68	M29	Y	-8.154	-25.023	2.567	2.985
69	M33	Y	-27.293	-8.858	0	.418
70	M33	Y	-8.858	.36	.418	.836
71	M33	Y	.36	-.428	.836	1.254
72	M33	Y	-.428	-.147	1.254	1.672
73	M33	Y	-.147	.922	1.672	2.089
74	M138	Y	-12.554	-22.383	0	.233
75	M138	Y	-22.383	-26.716	.233	.467
76	M138	Y	-26.716	-21.815	.467	.7
77	M138	Y	-21.815	-24.472	.7	.933
78	M138	Y	-24.472	-38.424	.933	1.167
79	M141	Y	-31.545	-30.17	0	.233
80	M141	Y	-30.17	-20.182	.233	.467
81	M141	Y	-20.182	-20.03	.467	.7
82	M141	Y	-20.03	-22.939	.7	.933
83	M141	Y	-22.939	-10.459	.933	1.167
84	M18	Y	.053	.053	.1	.28
85	M18	Y	.053	.053	.28	.46
86	M18	Y	.053	-6.964	.46	.64
87	M18	Y	-6.964	-14.508	.64	.82
88	M18	Y	-14.508	-15.565	.82	1
89	M33	Y	-16.2	-5.027	0	.179
90	M33	Y	-5.027	.559	.179	.358
91	M33	Y	.559	.559	.358	.537
92	M33	Y	.559	.559	.537	.716
93	M33	Y	.559	.559	.716	.895
94	M33	Y	-15.418	-10.57	0	.895
95	M33	Y	-10.57	-5.722	.895	1.791
96	M50	Y	-11.552	-9.698	0	.825
97	M50	Y	-9.698	-6.336	.825	1.65
98	M50	Y	-6.336	-1.467	1.65	2.475
99	M28	Y	.843	-.316	.895	1.313
100	M28	Y	-.316	-.597	1.313	1.731
101	M28	Y	-.597	.281	1.731	2.149
102	M28	Y	.281	-8.154	2.149	2.567
103	M28	Y	-8.154	-25.023	2.567	2.985
104	M32	Y	-27.295	-8.859	0	.418
105	M32	Y	-8.859	.36	.418	.836
106	M32	Y	.36	-.428	.836	1.254
107	M32	Y	-.428	-.147	1.254	1.672
108	M32	Y	-.147	.922	1.672	2.089
109	M128	Y	-12.554	-22.383	0	.233
110	M128	Y	-22.383	-26.716	.233	.467
111	M128	Y	-26.716	-21.815	.467	.7
112	M128	Y	-21.815	-24.472	.7	.933
113	M128	Y	-24.472	-38.424	.933	1.167
114	M129	Y	-31.545	-30.17	0	.233
115	M129	Y	-30.17	-20.182	.233	.467
116	M129	Y	-20.182	-20.03	.467	.7
117	M129	Y	-20.03	-22.938	.7	.933

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
118	M129	Y	-22.938	-10.458	.933	1.167
119	M18	Y	-3.306	-2.794	0	.333
120	M18	Y	-2.794	-1.248	.333	.667
121	M18	Y	-1.248	.043	.667	1
122	M28	Y	-1.86	-1.781	.895	1.642
123	M28	Y	-1.781	-1.702	1.642	2.388
124	M51	Y	-3.339	-6.028	0	.495
125	M51	Y	-6.028	-7.069	.495	.99
126	M51	Y	-7.069	-7.503	.99	1.485
127	M51	Y	-7.503	-4.188	1.485	1.98
128	M51	Y	-4.188	-.134	1.98	2.475
129	M18	Y	-4.508	-6.028	0	.9
130	M28	Y	-.025	-8.713	1.194	1.791
131	M28	Y	-8.713	-17.248	1.791	2.388
132	M28	Y	-17.248	-16.942	2.388	2.985
133	M51	Y	-2.988	-2.988	0	.599
134	M32	Y	-1.702	-1.781	.597	1.343
135	M32	Y	-1.781	-1.86	1.343	2.089
136	M44	Y	-3.339	-6.028	0	.495
137	M44	Y	-6.028	-7.069	.495	.99
138	M44	Y	-7.069	-7.503	.99	1.485
139	M44	Y	-7.503	-4.188	1.485	1.98
140	M44	Y	-4.188	-.134	1.98	2.475
141	M123A	Y	.043	-1.248	0	.333
142	M123A	Y	-1.248	-2.794	.333	.667
143	M123A	Y	-2.794	-3.306	.667	1
144	M32	Y	-16.942	-17.248	0	.597
145	M32	Y	-17.248	-8.713	.597	1.194
146	M32	Y	-8.713	-.025	1.194	1.791
147	M44	Y	-2.988	-2.988	0	.599
148	M123A	Y	-7.549	-2.988	.1	1

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M30	Y	1.004	-.363	.895	1.313
2	M30	Y	-.363	-.697	1.313	1.731
3	M30	Y	-.697	.336	1.731	2.149
4	M30	Y	.336	-9.704	2.149	2.567
5	M30	Y	-9.704	-29.784	2.567	2.985
6	M31	Y	-32.276	-10.478	0	.418
7	M31	Y	-10.478	.422	.418	.836
8	M31	Y	.422	-.239	.836	1.254
9	M31	Y	-.239	.095	1.254	1.672
10	M31	Y	.095	1.09	1.672	2.089
11	M150	Y	-15.013	-26.613	0	.233
12	M150	Y	-26.613	-31.746	.233	.467
13	M150	Y	-31.746	-25.933	.467	.7
14	M150	Y	-25.933	-29.076	.7	.933
15	M150	Y	-29.076	-45.656	.933	1.167
16	M153	Y	-41.433	-33.787	0	.233
17	M153	Y	-33.787	-23.757	.233	.467
18	M153	Y	-23.757	-25.935	.467	.7
19	M153	Y	-25.935	-26.898	.7	.933
20	M153	Y	-26.898	-12.054	.933	1.167
21	M30	Y	-8.959	-7.903	1.194	2.089
22	M30	Y	-7.903	-6.846	2.089	2.985

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M45	Y	-2.781	-2.781	1.391	2.391
24	M30	Y	-53.156	-16.589	2.174	2.289
25	M30	Y	-16.589	-8.142	2.289	2.404
26	M30	Y	-8.142	-8.142	2.404	2.519
27	M30	Y	-8.142	-16.038	2.519	2.634
28	M30	Y	-16.038	-35.818	2.634	2.749
29	M30	Y	-35.818	-39.915	2.749	2.864
30	M45	Y	-8.767	-5.434	0	1.1
31	M45	Y	-5.434	-2.101	1.1	2.2
32	M123A	Y	-17.621	-15.188	0	.3
33	M123A	Y	-15.188	-6.885	.3	.6
34	M123A	Y	-6.885	.203	.6	.9
35	M31	Y	-6.846	-7.903	0	.895
36	M31	Y	-7.903	-8.959	.895	1.791
37	M38	Y	-2.781	-2.781	1.391	2.391
38	M31	Y	-39.915	-35.821	.121	.236
39	M31	Y	-35.821	-16.04	.236	.351
40	M31	Y	-16.04	-8.142	.351	.466
41	M31	Y	-8.142	-8.142	.466	.581
42	M31	Y	-8.142	-16.595	.581	.696
43	M31	Y	-16.595	-53.176	.696	.811
44	M38	Y	-8.765	-5.433	0	1.1
45	M38	Y	-5.433	-2.102	1.1	2.2
46	M122A	Y	.203	-6.884	.1	.4
47	M122A	Y	-6.884	-15.187	.4	.7
48	M122A	Y	-15.187	-17.62	.7	1
49	M29	Y	-.024	-10.323	1.194	1.791
50	M29	Y	-10.323	-20.475	1.791	2.388
51	M29	Y	-20.475	-20.181	2.388	2.985
52	M39	Y	-3.546	-3.546	0	.602
53	M122A	Y	-9.028	-3.546	0	.9
54	M29	Y	-2.211	-2.117	.895	1.642
55	M29	Y	-2.117	-2.023	1.642	2.388
56	M39	Y	-3.97	-7.167	0	.495
57	M39	Y	-7.167	-8.404	.495	.99
58	M39	Y	-8.404	-8.921	.99	1.485
59	M39	Y	-8.921	-4.979	1.485	1.98
60	M39	Y	-4.979	-.16	1.98	2.475
61	M122A	Y	-3.931	-3.322	0	.333
62	M122A	Y	-3.322	-1.483	.333	.667
63	M122A	Y	-1.483	.051	.667	1
64	M29	Y	1.003	-.375	.895	1.313
65	M29	Y	-.375	-.709	1.313	1.731
66	M29	Y	-.709	.335	1.731	2.149
67	M29	Y	.335	-9.694	2.149	2.567
68	M29	Y	-9.694	-29.749	2.567	2.985
69	M33	Y	-32.448	-10.531	0	.418
70	M33	Y	-10.531	.428	.418	.836
71	M33	Y	.428	-.509	.836	1.254
72	M33	Y	-.509	-.175	1.254	1.672
73	M33	Y	-.175	1.096	1.672	2.089
74	M138	Y	-14.926	-26.611	0	.233
75	M138	Y	-26.611	-31.763	.233	.467
76	M138	Y	-31.763	-25.936	.467	.7
77	M138	Y	-25.936	-29.094	.7	.933
78	M138	Y	-29.094	-45.682	.933	1.167
79	M141	Y	-37.504	-35.869	0	.233

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	M141	Y	-35.869	-23.994	.233	.467
81	M141	Y	-23.994	-23.814	.467	.7
82	M141	Y	-23.814	-27.272	.7	.933
83	M141	Y	-27.272	-12.435	.933	1.167
84	M18	Y	.063	.063	.1	.28
85	M18	Y	.063	.063	.28	.46
86	M18	Y	.063	-8.279	.46	.64
87	M18	Y	-8.279	-17.249	.64	.82
88	M18	Y	-17.249	-18.505	.82	1
89	M33	Y	-19.259	-5.977	0	.179
90	M33	Y	-5.977	.664	.179	.358
91	M33	Y	.664	.664	.358	.537
92	M33	Y	.664	.664	.537	.716
93	M33	Y	.664	.664	.716	.895
94	M33	Y	-18.331	-12.567	0	.895
95	M33	Y	-12.567	-6.803	.895	1.791
96	M50	Y	-13.734	-11.529	0	.825
97	M50	Y	-11.529	-7.533	.825	1.65
98	M50	Y	-7.533	-1.744	1.65	2.475
99	M28	Y	1.003	-.375	.895	1.313
100	M28	Y	-.375	-.709	1.313	1.731
101	M28	Y	-.709	.335	1.731	2.149
102	M28	Y	.335	-9.694	2.149	2.567
103	M28	Y	-9.694	-29.749	2.567	2.985
104	M32	Y	-32.45	-10.532	0	.418
105	M32	Y	-10.532	.428	.418	.836
106	M32	Y	.428	-.509	.836	1.254
107	M32	Y	-.509	-.175	1.254	1.672
108	M32	Y	-.175	1.096	1.672	2.089
109	M128	Y	-14.926	-26.611	0	.233
110	M128	Y	-26.611	-31.763	.233	.467
111	M128	Y	-31.763	-25.936	.467	.7
112	M128	Y	-25.936	-29.094	.7	.933
113	M128	Y	-29.094	-45.682	.933	1.167
114	M129	Y	-37.504	-35.869	0	.233
115	M129	Y	-35.869	-23.994	.233	.467
116	M129	Y	-23.994	-23.813	.467	.7
117	M129	Y	-23.813	-27.271	.7	.933
118	M129	Y	-27.271	-12.434	.933	1.167
119	M18	Y	-3.931	-3.322	0	.333
120	M18	Y	-3.322	-1.483	.333	.667
121	M18	Y	-1.483	.051	.667	1
122	M28	Y	-2.211	-2.117	.895	1.642
123	M28	Y	-2.117	-2.023	1.642	2.388
124	M51	Y	-3.97	-7.167	0	.495
125	M51	Y	-7.167	-8.404	.495	.99
126	M51	Y	-8.404	-8.921	.99	1.485
127	M51	Y	-8.921	-4.979	1.485	1.98
128	M51	Y	-4.979	-.16	1.98	2.475
129	M18	Y	-5.359	-7.167	0	.9
130	M28	Y	-.03	-10.359	1.194	1.791
131	M28	Y	-10.359	-20.505	1.791	2.388
132	M28	Y	-20.505	-20.142	2.388	2.985
133	M51	Y	-3.552	-3.552	0	.599
134	M32	Y	-2.023	-2.117	.597	1.343
135	M32	Y	-2.117	-2.211	1.343	2.089
136	M44	Y	-3.97	-7.167	0	.495

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
137	M44	Y	-7.167	-8.404	.495	.99
138	M44	Y	-8.404	-8.921	.99	1.485
139	M44	Y	-8.921	-4.979	1.485	1.98
140	M44	Y	-4.979	-.16	1.98	2.475
141	M123A	Y	.051	-1.483	0	.333
142	M123A	Y	-1.483	-3.322	.333	.667
143	M123A	Y	-3.322	-3.931	.667	1
144	M32	Y	-20.142	-20.505	0	.597
145	M32	Y	-20.505	-10.359	.597	1.194
146	M32	Y	-10.359	-.03	1.194	1.791
147	M44	Y	-3.552	-3.552	0	.599
148	M123A	Y	-8.975	-3.552	.1	1

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	Z	.003	.003	3.267	3.733
2	M20	Z	.003	-.013	3.733	4.2
3	M20	Z	-.013	-.044	4.2	4.667
4	M23	Z	-.13	-.191	0	.88
5	M23	Z	-.191	-.23	.88	1.761
6	M23	Z	-.23	-.244	1.761	2.641
7	M23	Z	-.244	-.192	2.641	3.522
8	M23	Z	-.192	-.075	3.522	4.402
9	M26	Z	-.047	-.014	0	.467
10	M26	Z	-.014	.003	.467	.933
11	M26	Z	.003	.003	.933	1.4
12	M30	Z	-.0001349	-.002	.895	1.313
13	M30	Z	-.002	-.007	1.313	1.731
14	M30	Z	-.007	-.01	1.731	2.149
15	M30	Z	-.01	-.009	2.149	2.567
16	M30	Z	-.009	-.006	2.567	2.985
17	M31	Z	-.006	-.009	0	.418
18	M31	Z	-.009	-.01	.418	.836
19	M31	Z	-.01	-.007	.836	1.254
20	M31	Z	-.007	-.002	1.254	1.672
21	M31	Z	-.002	-.000128	1.672	2.089
22	M148	Z	-.238	-.009	0	.125
23	M149	Z	-.074	-.009	0	.125
24	M150	Z	-.035	-.085	0	.233
25	M150	Z	-.085	-.129	.233	.467
26	M150	Z	-.129	-.167	.467	.7
27	M150	Z	-.167	-.194	.7	.933
28	M150	Z	-.194	-.208	.933	1.167
29	M151	Z	-.149	-.085	0	.125
30	M152	Z	.002	-.045	0	.062
31	M152	Z	-.045	-.101	.062	.125
32	M153	Z	-.254	-.186	0	.233
33	M153	Z	-.186	-.142	.233	.467
34	M153	Z	-.142	-.115	.467	.7
35	M153	Z	-.115	-.086	.7	.933
36	M153	Z	-.086	-.059	.933	1.167
37	M30	Z	-.096	-.104	1.194	2.089
38	M30	Z	-.104	-.111	2.089	2.985
39	M40	Z	-.09	-.09	0	.229
40	M45	Z	-.115	-.115	2.398	2.75
41	M26	Z	-.006	-.101	.467	1.307

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
42	M26	Z	-.101	-.149	1.307	2.147
43	M26	Z	-.149	-.103	2.147	2.987
44	M26	Z	-.103	-.049	2.987	3.827
45	M26	Z	-.049	-.015	3.827	4.667
46	M45	Z	-.025	-.073	0	.917
47	M45	Z	-.073	-.084	.917	1.833
48	M45	Z	-.084	-.06	1.833	2.75
49	M31	Z	-.111	-.104	0	.895
50	M31	Z	-.104	-.096	.895	1.791
51	M37	Z	-.09	-.09	0	.229
52	M38	Z	-.115	-.115	2.398	2.75
53	M20	Z	-.015	-.049	0	.84
54	M20	Z	-.049	-.103	.84	1.68
55	M20	Z	-.103	-.149	1.68	2.52
56	M20	Z	-.149	-.101	2.52	3.36
57	M20	Z	-.101	-.006	3.36	4.2
58	M38	Z	-.025	-.072	0	.917
59	M38	Z	-.072	-.084	.917	1.833
60	M38	Z	-.084	-.06	1.833	2.75
61	M25	Z	-.144	-.115	.933	1.867
62	M25	Z	-.115	-.102	1.867	2.8
63	M25	Z	-.102	-.061	2.8	3.733
64	M25	Z	-.061	-.000387	3.733	4.667
65	M29	Z	-.103	-.103	1.605	2.984
66	M25	Z	-.007	-.015	3.267	3.967
67	M25	Z	-.015	-.023	3.967	4.667
68	M29	Z	-.083	-.083	1.494	1.778
69	M34	Z	-.155	-.155	0	.229
70	M35	Z	-.02	-.02	0	.229
71	M39	Z	-.003	-.06	0	.55
72	M39	Z	-.06	-.092	.55	1.1
73	M39	Z	-.092	-.098	1.1	1.65
74	M39	Z	-.098	-.102	1.65	2.2
75	M39	Z	-.102	-.101	2.2	2.75
76	M19	Z	.002	.002	3.267	3.733
77	M19	Z	.002	-.011	3.733	4.2
78	M19	Z	-.011	-.037	4.2	4.667
79	M22	Z	-.131	-.192	0	.88
80	M22	Z	-.192	-.23	.88	1.761
81	M22	Z	-.23	-.244	1.761	2.641
82	M22	Z	-.244	-.192	2.641	3.522
83	M22	Z	-.192	-.075	3.522	4.402
84	M25	Z	-.047	-.014	0	.467
85	M25	Z	-.014	.003	.467	.933
86	M25	Z	.003	.003	.933	1.4
87	M29	Z	-.0001351	-.002	.895	1.313
88	M29	Z	-.002	-.007	1.313	1.731
89	M29	Z	-.007	-.01	1.731	2.149
90	M29	Z	-.01	-.009	2.149	2.567
91	M29	Z	-.009	-.006	2.567	2.985
92	M33	Z	-.006	-.009	0	.418
93	M33	Z	-.009	-.01	.418	.836
94	M33	Z	-.01	-.007	.836	1.254
95	M33	Z	-.007	-.002	1.254	1.672
96	M33	Z	-.002	-.0001329	1.672	2.089
97	M136	Z	-.244	-.009	0	.125
98	M137	Z	-.074	-.009	0	.125

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
99	M138	Z	-.035	-.086	0	.233
100	M138	Z	-.086	-.129	.233	.467
101	M138	Z	-.129	-.169	.467	.7
102	M138	Z	-.169	-.194	.7	.933
103	M138	Z	-.194	-.2	.933	1.167
104	M139	Z	-.146	-.086	0	.125
105	M140	Z	.0001131	-.04	0	.063
106	M140	Z	-.04	-.081	.063	.125
107	M141	Z	-.251	-.184	0	.233
108	M141	Z	-.184	-.14	.233	.467
109	M141	Z	-.14	-.114	.467	.7
110	M141	Z	-.114	-.093	.7	.933
111	M141	Z	-.093	-.081	.933	1.167
112	M19	Z	-.031	-.041	0	.933
113	M19	Z	-.041	-.035	.933	1.867
114	M19	Z	-.035	-.02	1.867	2.8
115	M19	Z	-.02	-.009	2.8	3.733
116	M19	Z	-.009	-.0006224	3.733	4.667
117	M50	Z	-.042	-.042	0	.282
118	M19	Z	-.033	-.074	1.072	1.706
119	M19	Z	-.074	-.105	1.706	2.34
120	M19	Z	-.105	-.11	2.34	2.973
121	M19	Z	-.11	-.098	2.973	3.607
122	M33	Z	-.142	-.074	0	1.791
123	M50	Z	-.0007956	-.085	0	1.375
124	M50	Z	-.085	-.168	1.375	2.75
125	M21	Z	.002	.002	3.267	3.733
126	M21	Z	.002	-.011	3.733	4.2
127	M21	Z	-.011	-.036	4.2	4.667
128	M24	Z	-.131	-.192	0	.88
129	M24	Z	-.192	-.23	.88	1.761
130	M24	Z	-.23	-.244	1.761	2.641
131	M24	Z	-.244	-.192	2.641	3.522
132	M24	Z	-.192	-.075	3.522	4.402
133	M27	Z	-.047	-.014	0	.467
134	M27	Z	-.014	.003	.467	.933
135	M27	Z	.003	.003	.933	1.4
136	M28	Z	-.0001351	-.002	.895	1.313
137	M28	Z	-.002	-.007	1.313	1.731
138	M28	Z	-.007	-.01	1.731	2.149
139	M28	Z	-.01	-.009	2.149	2.567
140	M28	Z	-.009	-.006	2.567	2.985
141	M32	Z	-.006	-.009	0	.418
142	M32	Z	-.009	-.01	.418	.836
143	M32	Z	-.01	-.007	.836	1.254
144	M32	Z	-.007	-.002	1.254	1.672
145	M32	Z	-.002	-.0001288	1.672	2.089
146	M124	Z	-.224	-.009	0	.125
147	M125	Z	-.074	-.009	0	.125
148	M128	Z	-.035	-.085	0	.233
149	M128	Z	-.085	-.129	.233	.467
150	M128	Z	-.129	-.169	.467	.7
151	M128	Z	-.169	-.196	.7	.933
152	M128	Z	-.196	-.208	.933	1.167
153	M127	Z	-.146	-.085	0	.125
154	M128A	Z	.0001028	-.04	0	.063
155	M128A	Z	-.04	-.081	.063	.125

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
156	M129	Z	-.251	-.184	0	.233
157	M129	Z	-.184	-.14	.233	.467
158	M129	Z	-.14	-.114	.467	.7
159	M129	Z	-.114	-.093	.7	.933
160	M129	Z	-.093	-.08	.933	1.167
161	M27	Z	-.007	-.015	3.267	3.967
162	M27	Z	-.015	-.023	3.967	4.667
163	M28	Z	-.083	-.083	1.494	1.778
164	M46	Z	-.155	-.155	0	.229
165	M47	Z	-.02	-.02	0	.229
166	M51	Z	-.003	-.06	0	.55
167	M51	Z	-.06	-.092	.55	1.1
168	M51	Z	-.092	-.098	1.1	1.65
169	M51	Z	-.098	-.102	1.65	2.2
170	M51	Z	-.102	-.101	2.2	2.75
171	M27	Z	-.144	-.114	.933	1.867
172	M27	Z	-.114	-.102	1.867	2.8
173	M27	Z	-.102	-.061	2.8	3.733
174	M27	Z	-.061	-.0003614	3.733	4.667
175	M28	Z	-.104	-.104	1.607	2.984
176	M21	Z	-.023	-.015	0	.7
177	M21	Z	-.015	-.007	.7	1.4
178	M32	Z	-.083	-.083	1.207	1.491
179	M42	Z	-.02	-.02	0	.229
180	M43	Z	-.155	-.155	0	.229
181	M44	Z	-.003	-.06	0	.55
182	M44	Z	-.06	-.092	.55	1.1
183	M44	Z	-.092	-.098	1.1	1.65
184	M44	Z	-.098	-.102	1.65	2.2
185	M44	Z	-.102	-.101	2.2	2.75
186	M21	Z	-.0003614	-.061	0	.933
187	M21	Z	-.061	-.102	.933	1.867
188	M21	Z	-.102	-.114	1.867	2.8
189	M21	Z	-.114	-.144	2.8	3.733
190	M32	Z	-.104	-.104	.0007947	1.378

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.003	-.003	3.267	3.733
2	M20	X	-.003	.013	3.733	4.2
3	M20	X	.013	.044	4.2	4.667
4	M23	X	.13	.191	0	.88
5	M23	X	.191	.23	.88	1.761
6	M23	X	.23	.244	1.761	2.641
7	M23	X	.244	.192	2.641	3.522
8	M23	X	.192	.075	3.522	4.402
9	M26	X	.047	.014	0	.467
10	M26	X	.014	-.003	.467	.933
11	M26	X	-.003	-.003	.933	1.4
12	M30	X	.0001349	.002	.895	1.313
13	M30	X	.002	.007	1.313	1.731
14	M30	X	.007	.01	1.731	2.149
15	M30	X	.01	.009	2.149	2.567
16	M30	X	.009	.006	2.567	2.985
17	M31	X	.006	.009	0	.418
18	M31	X	.009	.01	.418	.836

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	M31	X	.01	.007	.836	1.254
20	M31	X	.007	.002	1.254	1.672
21	M31	X	.002	.000128	1.672	2.089
22	M148	X	.238	.009	0	.125
23	M149	X	.074	.009	0	.125
24	M150	X	.035	.085	0	.233
25	M150	X	.085	.129	.233	.467
26	M150	X	.129	.167	.467	.7
27	M150	X	.167	.194	.7	.933
28	M150	X	.194	.208	.933	1.167
29	M151	X	.149	.085	0	.125
30	M152	X	-.002	.045	0	.062
31	M152	X	.045	.101	.062	.125
32	M153	X	.254	.186	0	.233
33	M153	X	.186	.142	.233	.467
34	M153	X	.142	.115	.467	.7
35	M153	X	.115	.086	.7	.933
36	M153	X	.086	.059	.933	1.167
37	M30	X	.096	.104	1.194	2.089
38	M30	X	.104	.111	2.089	2.985
39	M40	X	.09	.09	0	.229
40	M45	X	.115	.115	2.398	2.75
41	M26	X	.006	.101	.467	1.307
42	M26	X	.101	.149	1.307	2.147
43	M26	X	.149	.103	2.147	2.987
44	M26	X	.103	.049	2.987	3.827
45	M26	X	.049	.015	3.827	4.667
46	M45	X	.025	.073	0	.917
47	M45	X	.073	.084	.917	1.833
48	M45	X	.084	.06	1.833	2.75
49	M31	X	.111	.104	0	.895
50	M31	X	.104	.096	.895	1.791
51	M37	X	.09	.09	0	.229
52	M38	X	.115	.115	2.398	2.75
53	M20	X	.015	.049	0	.84
54	M20	X	.049	.103	.84	1.68
55	M20	X	.103	.149	1.68	2.52
56	M20	X	.149	.101	2.52	3.36
57	M20	X	.101	.006	3.36	4.2
58	M38	X	.025	.072	0	.917
59	M38	X	.072	.084	.917	1.833
60	M38	X	.084	.06	1.833	2.75
61	M25	X	.144	.115	.933	1.867
62	M25	X	.115	.102	1.867	2.8
63	M25	X	.102	.061	2.8	3.733
64	M25	X	.061	.000387	3.733	4.667
65	M29	X	.103	.103	1.605	2.984
66	M25	X	.007	.015	3.267	3.967
67	M25	X	.015	.023	3.967	4.667
68	M29	X	.083	.083	1.494	1.778
69	M34	X	.155	.155	0	.229
70	M35	X	.02	.02	0	.229
71	M39	X	.003	.06	0	.55
72	M39	X	.06	.092	.55	1.1
73	M39	X	.092	.098	1.1	1.65
74	M39	X	.098	.102	1.65	2.2
75	M39	X	.102	.101	2.2	2.75

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	M19	X	-.002	-.002	3.267	3.733
77	M19	X	-.002	.011	3.733	4.2
78	M19	X	.011	.037	4.2	4.667
79	M22	X	.131	.192	0	.88
80	M22	X	.192	.23	.88	1.761
81	M22	X	.23	.244	1.761	2.641
82	M22	X	.244	.192	2.641	3.522
83	M22	X	.192	.075	3.522	4.402
84	M25	X	.047	.014	0	.467
85	M25	X	.014	-.003	.467	.933
86	M25	X	-.003	-.003	.933	1.4
87	M29	X	.0001351	.002	.895	1.313
88	M29	X	.002	.007	1.313	1.731
89	M29	X	.007	.01	1.731	2.149
90	M29	X	.01	.009	2.149	2.567
91	M29	X	.009	.006	2.567	2.985
92	M33	X	.006	.009	0	.418
93	M33	X	.009	.01	.418	.836
94	M33	X	.01	.007	.836	1.254
95	M33	X	.007	.002	1.254	1.672
96	M33	X	.002	.0001329	1.672	2.089
97	M136	X	.244	.009	0	.125
98	M137	X	.074	.009	0	.125
99	M138	X	.035	.086	0	.233
100	M138	X	.086	.129	.233	.467
101	M138	X	.129	.169	.467	.7
102	M138	X	.169	.194	.7	.933
103	M138	X	.194	.2	.933	1.167
104	M139	X	.146	.086	0	.125
105	M140	X	-.0001131	.04	0	.063
106	M140	X	.04	.081	.063	.125
107	M141	X	.251	.184	0	.233
108	M141	X	.184	.14	.233	.467
109	M141	X	.14	.114	.467	.7
110	M141	X	.114	.093	.7	.933
111	M141	X	.093	.081	.933	1.167
112	M19	X	.031	.041	0	.933
113	M19	X	.041	.035	.933	1.867
114	M19	X	.035	.02	1.867	2.8
115	M19	X	.02	.009	2.8	3.733
116	M19	X	.009	.0006224	3.733	4.667
117	M50	X	.042	.042	0	.282
118	M19	X	.033	.074	1.072	1.706
119	M19	X	.074	.105	1.706	2.34
120	M19	X	.105	.11	2.34	2.973
121	M19	X	.11	.098	2.973	3.607
122	M33	X	.142	.074	0	1.791
123	M50	X	.0007956	.085	0	1.375
124	M50	X	.085	.168	1.375	2.75
125	M21	X	-.002	-.002	3.267	3.733
126	M21	X	-.002	.011	3.733	4.2
127	M21	X	.011	.036	4.2	4.667
128	M24	X	.131	.192	0	.88
129	M24	X	.192	.23	.88	1.761
130	M24	X	.23	.244	1.761	2.641
131	M24	X	.244	.192	2.641	3.522
132	M24	X	.192	.075	3.522	4.402

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
133	M27	X	.047	.014	0	.467
134	M27	X	.014	-.003	.467	.933
135	M27	X	-.003	-.003	.933	1.4
136	M28	X	.0001351	.002	.895	1.313
137	M28	X	.002	.007	1.313	1.731
138	M28	X	.007	.01	1.731	2.149
139	M28	X	.01	.009	2.149	2.567
140	M28	X	.009	.006	2.567	2.985
141	M32	X	.006	.009	0	.418
142	M32	X	.009	.01	.418	.836
143	M32	X	.01	.007	.836	1.254
144	M32	X	.007	.002	1.254	1.672
145	M32	X	.002	.0001288	1.672	2.089
146	M124	X	.224	.009	0	.125
147	M125	X	.074	.009	0	.125
148	M128	X	.035	.085	0	.233
149	M128	X	.085	.129	.233	.467
150	M128	X	.129	.169	.467	.7
151	M128	X	.169	.196	.7	.933
152	M128	X	.196	.208	.933	1.167
153	M127	X	.146	.085	0	.125
154	M128A	X	-.0001028	.04	0	.063
155	M128A	X	.04	.081	.063	.125
156	M129	X	.251	.184	0	.233
157	M129	X	.184	.14	.233	.467
158	M129	X	.14	.114	.467	.7
159	M129	X	.114	.093	.7	.933
160	M129	X	.093	.08	.933	1.167
161	M27	X	.007	.015	3.267	3.967
162	M27	X	.015	.023	3.967	4.667
163	M28	X	.083	.083	1.494	1.778
164	M46	X	.155	.155	0	.229
165	M47	X	.02	.02	0	.229
166	M51	X	.003	.06	0	.55
167	M51	X	.06	.092	.55	1.1
168	M51	X	.092	.098	1.1	1.65
169	M51	X	.098	.102	1.65	2.2
170	M51	X	.102	.101	2.2	2.75
171	M27	X	.144	.114	.933	1.867
172	M27	X	.114	.102	1.867	2.8
173	M27	X	.102	.061	2.8	3.733
174	M27	X	.061	.0003614	3.733	4.667
175	M28	X	.104	.104	1.607	2.984
176	M21	X	.023	.015	0	.7
177	M21	X	.015	.007	.7	1.4
178	M32	X	.083	.083	1.207	1.491
179	M42	X	.02	.02	0	.229
180	M43	X	.155	.155	0	.229
181	M44	X	.003	.06	0	.55
182	M44	X	.06	.092	.55	1.1
183	M44	X	.092	.098	1.1	1.65
184	M44	X	.098	.102	1.65	2.2
185	M44	X	.102	.101	2.2	2.75
186	M21	X	.0003614	.061	0	.933
187	M21	X	.061	.102	.933	1.867
188	M21	X	.102	.114	1.867	2.8
189	M21	X	.114	.144	2.8	3.733

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
190	M32	X	.104	.104	.0007947	1.378

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57A	N57	N85	N89	Y	A-B	-.009
2	N85	N86	N57		Y	A-B	-.009
3	N57	N88	N74	N86	Y	A-B	-.009
4	N90	N89	N57A		Y	A-B	-.009
5	N91	N57A	N90	N64	Y	A-B	-.009
6	N84	N55	N81A		Y	A-B	-.009
7	N81A	N82	N66	N84	Y	A-B	-.009
8	N55	N60	N95	N81A	Y	A-B	-.009
9	N60	N97	N79		Y	A-B	-.009
10	N95	N96	N79	N60	Y	A-B	-.009
11	N53	N58	N60A	N59	Y	A-B	-.009
12	N59	N67	N81	N80A	Y	A-B	-.009
13	N53	N80A	N59		Y	A-B	-.009
14	N60A	N92	N72	N93	Y	A-B	-.009
15	N58	N93	N60A		Y	A-B	-.009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57A	N57	N85	N89	Y	A-B	-.011
2	N85	N86	N57		Y	A-B	-.011
3	N57	N88	N74	N86	Y	A-B	-.011
4	N90	N89	N57A		Y	A-B	-.011
5	N91	N57A	N90	N64	Y	A-B	-.011
6	N84	N55	N81A		Y	A-B	-.011
7	N81A	N82	N66	N84	Y	A-B	-.011
8	N55	N60	N95	N81A	Y	A-B	-.011
9	N60	N97	N79		Y	A-B	-.011
10	N95	N96	N79	N60	Y	A-B	-.011
11	N53	N58	N60A	N59	Y	A-B	-.011
12	N59	N67	N81	N80A	Y	A-B	-.011
13	N53	N80A	N59		Y	A-B	-.011
14	N60A	N92	N72	N93	Y	A-B	-.011
15	N58	N93	N60A		Y	A-B	-.011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57A	N57	N85	N89	Y	Two Way	0
2	N85	N86	N57		Y	Two Way	0
3	N57	N88	N74	N86	Y	Two Way	0
4	N90	N89	N57A		Y	Two Way	0
5	N91	N57A	N90	N64	Y	Two Way	0
6	N84	N55	N81A		Y	Two Way	0
7	N81A	N82	N66	N84	Y	Two Way	0
8	N55	N60	N95	N81A	Y	Two Way	0
9	N60	N97	N79		Y	Two Way	0
10	N95	N96	N79	N60	Y	Two Way	0
11	N53	N58	N60A	N59	Y	Two Way	0
12	N59	N67	N81	N80A	Y	Two Way	0
13	N53	N80A	N59		Y	Two Way	0
14	N60A	N92	N72	N93	Y	Two Way	0

Member Area Loads (BLC 84 : Structure Ev) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
15	N58	N93	N60A		Y	Two Way	0

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57A	N57	N85	N89	Z	Two Way	-.000156
2	N85	N86	N57		Z	Two Way	-.000156
3	N57	N88	N74	N86	Z	Two Way	-.000156
4	N90	N89	N57A		Z	Two Way	-.000156
5	N91	N57A	N90	N64	Z	Two Way	-.000156
6	N84	N55	N81A		Z	Two Way	-.000156
7	N81A	N82	N66	N84	Z	Two Way	-.000156
8	N55	N60	N95	N81A	Z	Two Way	-.000156
9	N60	N97	N79		Z	Two Way	-.000156
10	N95	N96	N79	N60	Z	Two Way	-.000156
11	N53	N58	N60A	N59	Z	Two Way	-.000156
12	N59	N67	N81	N80A	Z	Two Way	-.000156
13	N53	N80A	N59		Z	Two Way	-.000156
14	N60A	N92	N72	N93	Z	Two Way	-.000156
15	N58	N93	N60A		Z	Two Way	-.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57A	N57	N85	N89	X	Two Way	.000156
2	N85	N86	N57		X	Two Way	.000156
3	N57	N88	N74	N86	X	Two Way	.000156
4	N90	N89	N57A		X	Two Way	.000156
5	N91	N57A	N90	N64	X	Two Way	.000156
6	N84	N55	N81A		X	Two Way	.000156
7	N81A	N82	N66	N84	X	Two Way	.000156
8	N55	N60	N95	N81A	X	Two Way	.000156
9	N60	N97	N79		X	Two Way	.000156
10	N95	N96	N79	N60	X	Two Way	.000156
11	N53	N58	N60A	N59	X	Two Way	.000156
12	N59	N67	N81	N80A	X	Two Way	.000156
13	N53	N80A	N59		X	Two Way	.000156
14	N60A	N92	N72	N93	X	Two Way	.000156
15	N58	N93	N60A		X	Two Way	.000156

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N2	max	1333.721	10	651.938	7	7995.542	1	.528	7	1.947	4	.668	4
2		min	-1329.613	4	-1124.881	1	-3001.091	7	-.858	1	-1.934	10	-.582	10
3	N169A	max	6687.826	9	556.908	3	1210.955	3	.729	11	1.82	12	.742	8
4		min	-2397.281	3	-1125.528	9	-3697.754	9	-.419	5	-1.815	6	-.45	2
5	N171A	max	2612.734	11	634.912	11	1686.533	11	.546	3	1.758	8	.492	12
6		min	-6648.539	5	-1150.804	5	-4018.436	5	-.419	9	-1.735	2	-.841	6
7	N209	max	29.079	10	3512.799	13	197.439	7	0	75	0	9	0	3
8		min	-28.997	4	-99.812	7	-6233.373	13	0	1	0	3	0	9
9	N212B	max	83.82	3	3460.35	21	3069.288	21	0	11	0	5	0	5
10		min	-5316.753	21	-43.703	3	-48.387	3	0	5	0	11	0	11
11	N215A	max	5153.028	17	3355.385	17	2975.63	17	0	1	0	1	0	1
12		min	-360.969	11	-222.104	11	-208.417	11	0	7	0	7	0	7
13	Totals:	max	5081.253	10	7766.658	15	5026.272	1						
14		min	-5081.258	4	2873.882	72	-5026.273	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M4	HSS3X3X5	.223	0	10	.119	0	z	4	107311....	121716	10.005	10.005	1....	H1-1b
2	M5	HSS3X3X5	.346	1.844	1	.064	1.844	y	3	97300.5...	121716	10.005	10.005	2....	H1-1b
3	M11	HSS3X3X5	.345	1.844	10	.074	1.844	y	11	97300.5...	121716	10.005	10.005	2....	H1-1b
4	M17	HSS3X3X5	.345	1.844	5	.067	1.844	y	7	97300.5...	121716	10.005	10.005	2....	H1-1b
5	M18	PL5/8X6	.222	.5	11	.327	.5	y	16	96257.9...	121500	1.582	15.188	1....	H1-1b
6	M19	PIPE_3.0	.126	4.326	6	.153	4.181		8	58029.84	65205	5.749	5.749	1....	H1-1b
7	M20	PIPE_3.0	.125	4.326	2	.159	4.181		4	58029.84	65205	5.749	5.749	1....	H1-1b
8	M21	PIPE_3.0	.129	4.326	11	.162	4.181		12	58029.84	65205	5.749	5.749	2....	H1-1b
9	M22	PIPE_3.0	.109	0	6	.030	0		19	58780.24	65205	5.749	5.749	2....	H1-1b
10	M23	PIPE_3.0	.110	4.402	2	.036	0		24	58780.24	65205	5.749	5.749	2....	H1-1b
11	M24	PIPE_3.0	.112	0	11	.032	0		23	58780.24	65205	5.749	5.749	2....	H1-1b
12	M25	PIPE_3.0	.128	.486	6	.172	.535		10	58029.9...	65205	5.749	5.749	2....	H1-1b
13	M26	PIPE_3.0	.132	.486	2	.181	.535		5	58029.9...	65205	5.749	5.749	2....	H1-1b
14	M27	PIPE_3.0	.129	.486	10	.166	.535		2	58029.9...	65205	5.749	5.749	2....	H1-1b
15	M28	L2.5x2.5x4	.746	0	16	.070	2.736	z	14	28829.2...	38556	1.114	2.537	2....	H2-1
16	M29	L2.5x2.5x4	.785	0	24	.073	2.736	z	22	28829.2...	38556	1.114	2.537	2....	H2-1
17	M30	L2.5x2.5x4	.781	0	20	.072	2.736	z	18	28829.2...	38556	1.114	2.537	2....	H2-1
18	M31	L2.5x2.5x4	.758	2.985	14	.072	2.985	z	16	28829.2...	38556	1.114	2.537	2....	H2-1
19	M32	L2.5x2.5x4	.748	2.985	22	.072	2.985	z	23	28829.2...	38556	1.114	2.537	2....	H2-1
20	M33	L2.5x2.5x4	.730	2.985	18	.070	2.985	z	19	28829.2...	38556	1.114	2.537	2....	H2-1
21	M38	L2.5x2.5x4	.311	2.75	13	.018	2.75	y	11	30124.6...	38556	1.114	2.537	1....	H2-1
22	M39	L2.5x2.5x4	.323	2.75	13	.019	2.75	z	14	30124.6...	38556	1.114	2.537	1....	H2-1
23	M44	L2.5x2.5x4	.308	2.75	21	.019	2.75	y	22	30124.6...	38556	1.114	2.537	1....	H2-1
24	M45	L2.5x2.5x4	.323	2.75	21	.021	2.75	z	11	30124.6...	38556	1.114	2.537	1....	H2-1
25	M50	L2.5x2.5x4	.309	2.75	5	.018	2.75	y	18	30124.6...	38556	1.114	2.537	1....	H2-1
26	M51	L2.5x2.5x4	.320	2.75	5	.020	2.75	z	6	30124.6...	38556	1.114	2.537	1....	H2-1
27	MP4A	PIPE_2.0	.238	4.302	5	.113	3.063		5	17855.0...	32130	1.872	1.872	2....	H1-1b
28	MP3A	PIPE_2.0	.527	4.302	11	.098	4.302		8	17855.0...	32130	1.872	1.872	1....	H1-1b
29	MP2A	PIPE_2.0	.436	5.333	1	.192	5.333		5	14916.0...	32130	1.872	1.872	3....	H1-1b
30	MP1A	PIPE_2.0	.271	1.385	6	.119	1.385		7	17855.0...	32130	1.872	1.872	1....	H1-1b
31	M122A	PL5/8X6	.224	.5	6	.346	.5	y	24	96257.9...	121500	1.582	15.188	1....	H1-1b
32	M123A	PL5/8X6	.220	.5	4	.344	.5	y	20	96257.9...	121500	1.582	15.188	1....	H1-1b
33	M128	L2.5x2.5x4	.028	.583	16	.011	1.167	z	16	36881.0...	38556	1.114	2.537	1....	H2-1
34	M129	L2.5x2.5x4	.026	.559	22	.007	0	z	22	36881.0...	38556	1.114	2.537	1....	H2-1
35	M138	L2.5x2.5x4	.029	.583	20	.011	1.167	z	24	36881.0...	38556	1.114	2.537	1....	H2-1
36	M141	L2.5x2.5x4	.025	.559	18	.007	0	z	18	36881.0...	38556	1.114	2.537	1....	H2-1
37	M150	L2.5x2.5x4	.028	.583	20	.011	1.167	z	20	36881.0...	38556	1.114	2.537	1....	H2-1
38	M153	L2.5x2.5x4	.026	.571	14	.007	0	z	14	36881.0...	38556	1.114	2.537	1....	H2-1
39	M98A	HSS3X3X5	.233	2.157	10	.104	0	z	12	107311....	121716	10.005	10.005	1....	H1-1b
40	M99	HSS3X3X5	.226	2.157	6	.095	0	z	8	107311....	121716	10.005	10.005	1....	H1-1b
41	MP4C	PIPE_2.0	.232	4.302	12	.105	3.063		1	17855.0...	32130	1.872	1.872	2....	H1-1b
42	MP3C	PIPE_2.0	.495	4.302	7	.097	4.302		4	17855.0...	32130	1.872	1.872	1....	H1-1b
43	MP2C	PIPE_2.0	.448	5.333	10	.188	5.333		1	14916.0...	32130	1.872	1.872	1....	H1-1b
44	MP1C	PIPE_2.0	.266	1.385	2	.117	1.385		3	17855.0...	32130	1.872	1.872	2....	H1-1b
45	MP4B	PIPE_2.0	.222	4.302	8	.108	1.385		10	17855.0...	32130	1.872	1.872	2....	H1-1b
46	MP3B	PIPE_2.0	.494	4.302	3	.111	4.302		12	17855.0...	32130	1.872	1.872	2....	H1-1b
47	MP2B	PIPE_2.0	.544	2.333	11	.194	5.333		4	14916.0...	32130	1.872	1.872	1....	H1-1b
48	MP1B	PIPE_2.0	.309	1.385	11	.140	1.385		11	17855.0...	32130	1.872	1.872	2....	H1-1b
49	OVP	PIPE_2.0	.092	2	4	.014	2		4	28843.4...	32130	1.872	1.872	2....	H1-1b
50	M100	PIPE_2.5	.222	1.604	11	.150	12.542		7	11606.2...	50715	3.596	3.596	3....	H1-1b
51	M107	PIPE_2.5	.198	9.771	5	.150	12.542		3	11606.2...	50715	3.596	3.596	3....	H1-1b
52	M114	PIPE_2.5	.227	9.917	11	.179	12.542		11	11606.2...	50715	3.596	3.596	2....	H1-1b
53	M117	L3X3X4	.433	0	11	.039	0	y	11	42943.7...	46656	1.688	3.756	2....	H2-1
54	M118	L3X3X4	.370	0	3	.034	0	y	3	42943.7...	46656	1.688	3.756	2....	H2-1
55	M119	L3X3X4	.373	0	7	.034	0	y	7	42943.7...	46656	1.688	3.756	2....	H2-1
56	M121	LL3x3x3x3	.149	4.108	13	.005	4.108	z	3	47942.8...	70632	5.543	3.751	1	H1-1b*

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
57	M123	LL3x3x3x3	.147	4.108	21	.006	0	z	11	47942.8...	70632	5.543	3.751	1	H1-1b*
58	M125A	LL3x3x3x3	.142	4.108	17	.005	4.108	z	7	47942.8...	70632	5.543	3.751	1	H1-1b*

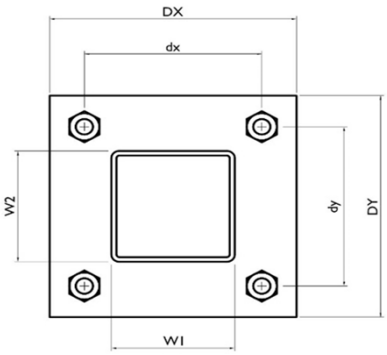
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	9/11/2023
Site Name:	OLD SAYBROOK CT		
MDG #:	5000245392		
Fuze ID #:	17136774	Page:	1

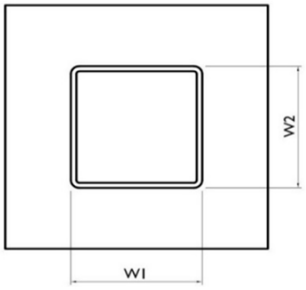
Version 1.01

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)* :	4
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	4
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	4.0
Required Shear Strength / bolt (kips):	0.8
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**19.4%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	6
Plate Height, D_y (in):	6
W1(in):	3
W2 (in):	3
Member Thickness (in):	0.3125
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):	0.75
Length of Yield Line, L_y (in):	4.14
Bolt Eccentricity, e (in):	1.00
M_u (kip-in):	4.02
Phi*M_n (kip-in):	18.87
Plate Bending Utilization:	**21.3%**

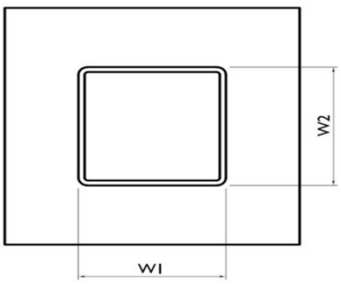


VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	9/11/2023
Site Name:	OLD SAYBROOK CT		
PSLC #:	5000245392		
Fuze ID #:	17136774	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	4
W1 (in):	3
W2 (in):	3
Weld Total Length (in):	12.00
Z_x (in^3/in):	12.00
Z_y (in^3/in):	12.00
J_p (in^4/in):	36.00
c_x (in)	1.8125
c_y (in)	1.8125
Required combined strength (kip/in):	1.65
Weld Capacity (kip/in):	5.57
Weld Utilization:	**29.7%**



Date: **January 18, 2024**

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
(724) 416-2000

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000246936
	Site Name:	NEW MILFORD E CT
Crown Castle Designation:	**BU Number:**	876397
	Site Name:	NEW MILFORD/ KIMBERLY
	JDE Job Number:	751377
	Work Order Number:	2278583
	Order Number:	654592 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number**	2278583
Site Data:	**399 Chestnut Land Rd., New Milford, Litchfield County, CT**	
	Latitude: *41° 37' 54.93"* Longitude: *-73° 22' 2.82"*	
	160 ft - Monopole Tower	

Crown Castle 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:

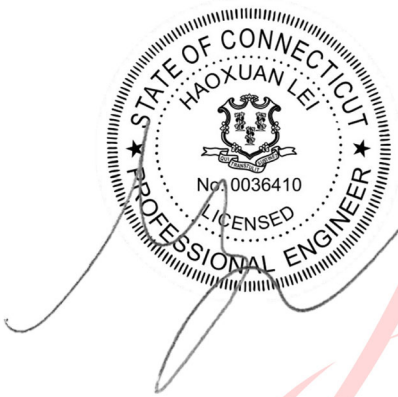
LC5: Proposed Equipment Configuration **Sufficient Capacity - 98.4%**

This analysis has been performed in accordance with the 2021 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 115 mph. Applicable Standard references and design criteria are listed in Section 2 – "Analysis Criteria".

Structural analysis prepared by: Emma McCarty

Respectfully submitted by:

Haoxuan Lei, P.E.
Project Engineer



Digitally signed by Haoxuan Lei
Date: 2024.01.19 16:34:08 -06'00'

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 160 ft Monopole Tower designed by Engineered Endeavors, Inc.. The tower has been modified in the past to accommodate additional loading.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	115 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.00 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)
149	152	1	raycap	RRFDC-3315-PF-48	7	1-5/8
	149	6	antel	LPA-80080/6CF w/ Mount Pipe		
		2	kaelus	BSF0020F3V1		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		
		1	tower mounts	Platform Mount [LP 303-1_HR-1]		
	148	6	jma wireless	MX06FIT665-02 w/ Mount Pipe		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		

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)
162	162	3	ericsson	RADIO 4460 B2/B25 B66_TMO	3	1-5/8
		3	ericsson	Radio 4480_TMOV2		
		1	tower mounts	Platform Mount [LP 1201-1_KCKR-HR-1]		
	161	3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe		
	160	3	rfs celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
132	133	3	ericsson	RRUS 4449 B5/B12	6	1-5/8
		3	ericsson	RRUS 4478 B14	2	3/8
		3	ericsson	RRUS 8843 B2/B66A	2	7/16
		2	kathrein	80010964 w/ Mount Pipe	4	3/4
		4	kathrein	80010965 w/ Mount Pipe	2	conduit

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		6	powerwave technologies	LGP21401		
		2	raycap	DC6-48-60-18-8C-EV		
		1	raycap	DC6-48-60-18-8F		
	132	1	tower mounts	Platform Mount [LP 303-1_HR-1]		
122	122	3	fujitsu	TA08025-B604	1	1-1/2
		3	fujitsu	TA08025-B605		
		3	jma wireless	MX08FRO665-21 w/ Mount Pipe		
		1	raycap	RDIDC-9181-PF-48		
		1	tower mounts	Valmont SNP8HR-396		
77	77	1	tower mounts	Side Arm Mount [SO 701-1]	1	1/2
	76	1	gps	GPS_A		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	2158227	CCISITES
4-POST-MODIFICATION INSPECTION	2331636	CCISITES
4-POST-MODIFICATION INSPECTION	3839077	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1614622	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1613541	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2055769	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	3375822	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 was used to determine the loads on the modified structure. Additional calculations were performed to determine the stresses in the reinforcing elements. These calculations are included 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. Crown Castle should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
160 - 155	Pole	TP18.902x18x0.1875	Pole	10.9	Pass
155 - 150	Pole	TP19.804x18.902x0.1875	Pole	18.4	Pass
150 - 145	Pole	TP20.706x19.804x0.1875	Pole	30.0	Pass
145 - 140	Pole	TP21.608x20.706x0.1875	Pole	41.0	Pass
140 - 138.66	Pole	TP22.45x21.608x0.1875	Pole	43.7	Pass
138.66 - 133.66	Pole	TP22.363x21.474x0.25	Pole	39.1	Pass
133.66 - 128.66	Pole	TP23.253x22.363x0.25	Pole	47.9	Pass
128.66 - 123.66	Pole	TP24.142x23.253x0.25	Pole	55.8	Pass
123.66 - 118.66	Pole	TP25.032x24.142x0.25	Pole	64.8	Pass
118.66 - 113.66	Pole	TP25.921x25.032x0.25	Pole	73.1	Pass
113.66 - 108.66	Pole	TP26.81x25.921x0.25	Pole	80.6	Pass
108.66 - 103.66	Pole	TP27.7x26.81x0.25	Pole	87.3	Pass
103.66 - 101	Pole	TP28.174x27.7x0.25	Pole	90.6	Pass
101 - 100.75	Pole	TP28.218x28.174x0.25	Pole	90.9	Pass
100.75 - 95.75	Pole	TP29.107x28.218x0.25	Pole	96.7	Pass
95.75 - 94.17	Pole	TP30.16x29.107x0.25	Pole	98.4	Pass
94.17 - 88.83	Pole	TP29.837x28.889x0.3125	Pole	81.0	Pass
88.83 - 83.83	Pole	TP30.726x29.837x0.3125	Pole	84.3	Pass
83.83 - 78.83	Pole	TP31.615x30.726x0.3125	Pole	87.3	Pass
78.83 - 73.83	Pole	TP32.504x31.615x0.3125	Pole	90.1	Pass
73.83 - 70	Pole	TP33.185x32.504x0.3125	Pole	92.1	Pass
70 - 69.75	Pole + Reinf.	TP33.229x33.185x0.5125	Reinf. 1 Tension Rupture	88.8	Pass
69.75 - 64.75	Pole + Reinf.	TP34.118x33.229x0.5	Reinf. 1 Tension Rupture	91.4	Pass
64.75 - 59.75	Pole + Reinf.	TP35.007x34.118x0.5	Reinf. 1 Tension Rupture	93.8	Pass
59.75 - 54.75	Pole + Reinf.	TP35.896x35.007x0.4875	Reinf. 1 Tension Rupture	96.0	Pass
54.75 - 49.75	Pole + Reinf.	TP36.785x35.896x0.4875	Reinf. 1 Tension Rupture	98.0	Pass
49.75 - 49.63	Pole + Reinf.	TP37.74x36.785x0.4875	Reinf. 1 Tension Rupture	98.1	Pass
49.63 - 43.38	Pole	TP37.292x36.182x0.375	Pole	84.6	Pass
43.38 - 38.38	Pole	TP38.181x37.292x0.375	Pole	85.7	Pass
38.38 - 33.38	Pole	TP39.069x38.181x0.375	Pole	86.8	Pass
33.38 - 28.38	Pole	TP39.958x39.069x0.375	Pole	87.8	Pass
28.38 - 23.38	Pole	TP40.846x39.958x0.375	Pole	88.7	Pass

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
23.38 - 18.38	Pole	TP41.735x40.846x0.375	Pole	89.6	Pass
18.38 - 13.38	Pole	TP42.623x41.735x0.375	Pole	90.3	Pass
13.38 - 8.38	Pole	TP43.512x42.623x0.375	Pole	91.0	Pass
8.38 - 3.38	Pole	TP44.4x43.512x0.375	Pole	91.7	Pass
3.38 - 0	Pole	TP45x44.4x0.375	Pole	92.1	Pass
				Summary	
			Pole	98.4	Pass
			Reinforcement	98.1	Pass
			Overall	98.4	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	94.4	Pass
1	Base Plate	0	83.5	Pass
1	Base Foundation (Structural)	0	89.2	Pass
1	Base Foundation (Soil)	0	77.1	Pass

Structure Rating (max from all components) =	98.4%

Notes:
1) See additional documentation in “Appendix C – Additional Calculations” for calculations supporting the % capacity consumed

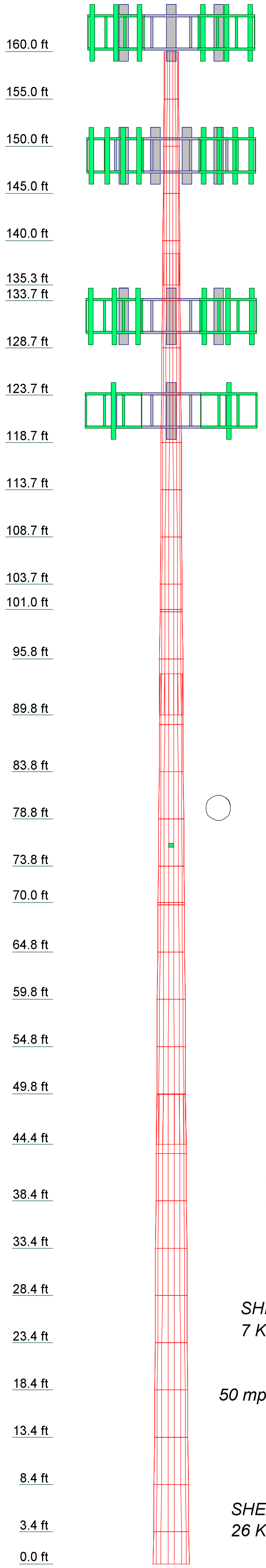
4.1) Recommendations

The tower and its foundation have sufficient capacity to carry the considered equipment 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		18.0000	18.9019	A572-65	0.2
2	5.00	18	0.1875		18.9019	19.8038		0.2
3	5.00	18	0.1875		19.8038	20.7057		0.2
4	5.00	18	0.1875		20.7057	21.6076		0.2
5	[illegible]	18	0.1875	3.33	21.6076	22.4500		0.2
6	[illegible]	18	0.2500		[illegible]	[illegible]		0.3
7	5.00	18	0.2500		22.3632	23.2527		0.3
8	5.00	18	0.2500		23.2527	24.1421		0.3
9	5.00	18	0.2500		24.1421	25.0315		0.3
10	5.00	18	0.2500		25.0315	25.9210		0.3
11	5.00	18	0.2500		25.9210	26.8104		0.4
12	5.00	18	0.2500		26.8104	27.6998		0.4
13	[illegible]	18	[illegible]		[illegible]	[illegible]		0.2
14	[illegible]	18	[illegible]		[illegible]	[illegible]		0.0
15	5.00	18	0.2500		[illegible]	[illegible]		0.4
16	[illegible]	18	0.2500	4.33	[illegible]	[illegible]		0.5
17	[illegible]	18	[illegible]		[illegible]	[illegible]		0.5
18	5.00	18	0.3125		[illegible]	[illegible]		0.5
19	5.00	18	0.3125		30.7260	31.6148		0.5
20	5.00	18	0.3125		31.6148	32.5037		0.5
21	[illegible]	18	[illegible]		[illegible]	[illegible]		0.4
22	[illegible]	18	[illegible]		[illegible]	[illegible]		0.0
23	5.00	18	0.5000		[illegible]	34.1183		0.9
24	5.00	18	0.5000		34.1183	35.0071		0.9
25	5.00	18	0.4875		35.0071	35.8959		0.9
26	5.00	18	0.4875		35.8959	36.7847		0.9
27	[illegible]	18	0.4875	5.25	[illegible]	[illegible]		1.0
28	[illegible]	18	[illegible]		[illegible]	[illegible]		0.9
29	5.00	18	0.3750		[illegible]	[illegible]		0.8
30	5.00	18	0.3750		38.1808	39.0693		0.8
31	5.00	18	0.3750		39.0693	39.9577		0.8
32	5.00	18	0.3750		39.9577	40.8462		0.8
33	5.00	18	0.3750		40.8462	41.7347		0.8
34	5.00	18	0.3750		41.7347	42.6232		0.8
35	5.00	18	0.3750		42.6232	43.5116		0.9
36	5.00	18	0.3750		43.5116	44.4001		0.9
37	3.38	18	0.3750		44.4000	45.0000		0.6
								19.6

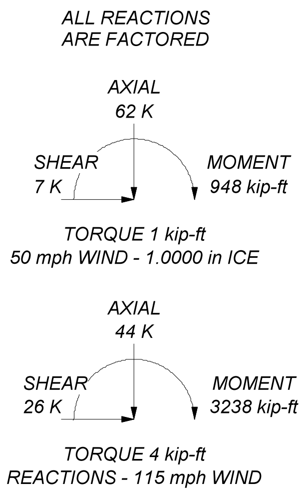


MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Litchfield County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 115 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 i ncrease 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



CROWN CASTLE
The Pathway to Possible

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
Phone: (724) 416-2000
FAX:

Job: **BU 876397**			
Project:			
Client: Crown Castle	Drawn by: EMcCarty	App'd:	
Code: TIA-222-H	Date: 01/18/24	Scale: NTS	
Path: C:\WORK AREA\876397\WO 2278583 - SA\Prod\876397.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 Litchfield County, Connecticut.
Tower base elevation above sea level: 982.00 ft.
Basic wind speed of 115 mph.
Risk Category II.
Exposure Category C.
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.
TOWER RATING: 96.1%.
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 ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	160.00-155.00	5.00	0.00	18	18.0000	18.9019	0.1875	0.7500	A572-65 (65 ksi)
L2	155.00-150.00	5.00	0.00	18	18.9019	19.8038	0.1875	0.7500	A572-65 (65 ksi)
L3	150.00-145.00	5.00	0.00	18	19.8038	20.7057	0.1875	0.7500	A572-65 (65 ksi)
L4	145.00-140.00	5.00	0.00	18	20.7057	21.6076	0.1875	0.7500	A572-65 (65 ksi)
L5	140.00-135.33	4.67	3.33	18	21.6076	22.4500	0.1875	0.7500	A572-65 (65 ksi)
L6	135.33-133.66	5.00	0.00	18	21.4738	22.3632	0.2500	1.0000	A572-65 (65 ksi)
L7	133.66-128.66	5.00	0.00	18	22.3632	23.2527	0.2500	1.0000	A572-65 (65 ksi)
L8	128.66-123.66	5.00	0.00	18	23.2527	24.1421	0.2500	1.0000	A572-65 (65 ksi)
L9	123.66-118.66	5.00	0.00	18	24.1421	25.0315	0.2500	1.0000	A572-65 (65 ksi)
L10	118.66-113.66	5.00	0.00	18	25.0315	25.9210	0.2500	1.0000	A572-65 (65 ksi)
L11	113.66-108.66	5.00	0.00	18	25.9210	26.8104	0.2500	1.0000	A572-65 (65 ksi)
L12	108.66-103.66	5.00	0.00	18	26.8104	27.6998	0.2500	1.0000	A572-65 (65 ksi)
L13	103.66-101.00	2.66	0.00	18	27.6998	28.1735	0.2500	1.0000	A572-65 (65 ksi)
L14	101.00-100.75	0.25	0.00	18	28.1735	28.2180	0.2500	1.0000	A572-65 (65 ksi)
L15	100.75-95.75	5.00	0.00	18	28.2180	29.1074	0.2500	1.0000	A572-65 (65 ksi)
L16	95.75-89.83	5.92	4.33	18	29.1074	30.1600	0.2500	1.0000	A572-65 (65 ksi)
L17	89.83-88.83	5.33	0.00	18	28.8892	29.8372	0.3125	1.2500	A572-65 (65 ksi)
L18	88.83-83.83	5.00	0.00	18	29.8372	30.7260	0.3125	1.2500	A572-65 (65 ksi)
L19	83.83-78.83	5.00	0.00	18	30.7260	31.6148	0.3125	1.2500	A572-65 (65 ksi)
L20	78.83-73.83	5.00	0.00	18	31.6148	32.5037	0.3125	1.2500	A572-65 (65 ksi)
L21	73.83-70.00	3.83	0.00	18	32.5037	33.1850	0.3125	1.2500	A572-65 (65 ksi)
L22	70.00-69.75	0.25	0.00	18	33.1850	33.2295	0.5125	2.0500	A572-65 (65 ksi)
L23	69.75-64.75	5.00	0.00	18	33.2295	34.1183	0.5000	2.0000	A572-65 (65 ksi)
L24	64.75-59.75	5.00	0.00	18	34.1183	35.0071	0.5000	2.0000	A572-65 (65 ksi)
L25	59.75-54.75	5.00	0.00	18	35.0071	35.8959	0.4875	1.9500	A572-65 (65 ksi)
L26	54.75-49.75	5.00	0.00	18	35.8959	36.7847	0.4875	1.9500	A572-65 (65 ksi)
L27	49.75-44.38	5.37	5.25	18	36.7847	37.7400	0.4875	1.9500	A572-65 (65 ksi)
L28	44.38-43.38	6.25	0.00	18	36.1817	37.2923	0.3750	1.5000	A572-65 (65 ksi)
L29	43.38-38.38	5.00	0.00	18	37.2923	38.1808	0.3750	1.5000	A572-65 (65 ksi)
L30	38.38-33.38	5.00	0.00	18	38.1808	39.0693	0.3750	1.5000	A572-65 (65 ksi)
L31	33.38-28.38	5.00	0.00	18	39.0693	39.9577	0.3750	1.5000	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
									(65 ksi)
L32	28.38-23.38	5.00	0.00	18	39.9577	40.8462	0.3750	1.5000	A572-65
									(65 ksi)
L33	23.38-18.38	5.00	0.00	18	40.8462	41.7347	0.3750	1.5000	A572-65
									(65 ksi)
L34	18.38-13.38	5.00	0.00	18	41.7347	42.6232	0.3750	1.5000	A572-65
									(65 ksi)
L35	13.38-8.38	5.00	0.00	18	42.6232	43.5116	0.3750	1.5000	A572-65
									(65 ksi)
L36	8.38-3.38	5.00	0.00	18	43.5116	44.4001	0.3750	1.5000	A572-65
									(65 ksi)
L37	3.38-0.00	3.38		18	44.4001	45.0000	0.3750	1.5000	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	18.2488	10.6007	424.9328	6.3234	9.1440	46.4712	850.4248	5.3013	2.8380	15.136
	19.1646	11.1374	492.8034	6.6436	9.6022	51.3221	986.2553	5.5698	2.9967	15.983
L2	19.1646	11.1374	492.8034	6.6436	9.6022	51.3221	986.2553	5.5698	2.9967	15.983
	20.0804	11.6742	567.5415	6.9638	10.0603	56.4138	1135.8298	5.8382	3.1555	16.829
L3	20.0804	11.6742	567.5415	6.9638	10.0603	56.4138	1135.8298	5.8382	3.1555	16.829
	20.9962	12.2109	649.4779	7.2840	10.5185	61.7462	1299.8105	6.1066	3.3142	17.676
L4	20.9962	12.2109	649.4779	7.2840	10.5185	61.7462	1299.8105	6.1066	3.3142	17.676
	21.9120	12.7476	738.9437	7.6041	10.9767	67.3195	1478.8598	6.3750	3.4729	18.522
L5	21.9120	12.7476	738.9437	7.6041	10.9767	67.3195	1478.8598	6.3750	3.4729	18.522
	22.7674	13.2490	829.5975	7.9032	11.4046	72.7424	1660.2866	6.6257	3.6212	19.313
L6	22.3685	16.8411	958.4141	7.5344	10.9087	87.8579	1918.0893	8.4221	3.3394	13.358
	22.6696	17.5468	1084.0282	7.8502	11.3605	95.4207	2169.4827	8.7751	3.4959	13.984
L7	22.6696	17.5468	1084.0282	7.8502	11.3605	95.4207	2169.4827	8.7751	3.4959	13.984
	23.5728	18.2526	1220.1646	8.1659	11.8124	103.2957	2441.9347	9.1280	3.6525	14.61
L8	23.5728	18.2526	1220.1646	8.1659	11.8124	103.2957	2441.9347	9.1280	3.6525	14.61
	24.4760	18.9584	1367.2467	8.4817	12.2642	111.4829	2736.2924	9.4810	3.8090	15.236
L9	24.4760	18.9584	1367.2467	8.4817	12.2642	111.4829	2736.2924	9.4810	3.8090	15.236
	25.3791	19.6641	1525.6976	8.7974	12.7160	119.9824	3053.4028	9.8339	3.9655	15.862
L10	25.3791	19.6641	1525.6976	8.7974	12.7160	119.9824	3053.4028	9.8339	3.9655	15.862
	26.2823	20.3699	1695.9406	9.1132	13.1678	128.7941	3394.1129	10.1869	4.1221	16.488
L11	26.2823	20.3699	1695.9406	9.1132	13.1678	128.7941	3394.1129	10.1869	4.1221	16.488
	27.1854	21.0757	1878.3990	9.4289	13.6197	137.9180	3759.2696	10.5398	4.2786	17.115
L12	27.1854	21.0757	1878.3990	9.4289	13.6197	137.9180	3759.2696	10.5398	4.2786	17.115
	28.0886	21.7814	2073.4959	9.7447	14.0715	147.3542	4149.7202	10.8928	4.4352	17.741
L13	28.0886	21.7814	2073.4959	9.7447	14.0715	147.3542	4149.7202	10.8928	4.4352	17.741
	28.5696	22.1573	2182.7085	9.9129	14.3122	152.5073	4368.2891	11.0808	4.5185	18.074
L14	28.5696	22.1573	2182.7085	9.9129	14.3122	152.5073	4368.2891	11.0808	4.5185	18.074
	28.6148	22.1926	2193.1538	9.9286	14.3347	152.9956	4389.1935	11.0984	4.5264	18.105
L15	28.6148	22.1926	2193.1538	9.9286	14.3347	152.9956	4389.1935	11.0984	4.5264	18.105
	29.5179	22.8984	2409.1174	10.2444	14.7866	162.9259	4821.4048	11.4514	4.6829	18.732
L16	29.5179	22.8984	2409.1174	10.2444	14.7866	162.9259	4821.4048	11.4514	4.6829	18.732
	30.5867	23.7336	2682.4623	10.6181	15.3213	175.0808	5368.4542	11.8690	4.8682	19.473
L17	30.0688	28.3445	2924.3637	10.1447	14.6757	199.2654	5852.5753	14.1750	4.5345	14.51
	30.2493	29.2848	3225.1646	10.4813	15.1573	212.7795	6454.5730	14.6452	4.7014	15.044
L18	30.2493	29.2848	3225.1646	10.4813	15.1573	212.7795	6454.5730	14.6452	4.7014	15.044
	31.1518	30.1664	3525.2918	10.7968	15.6088	225.8525	7055.2222	15.0861	4.8578	15.545
L19	31.1518	30.1664	3525.2918	10.7968	15.6088	225.8525	7055.2222	15.0861	4.8578	15.545
	32.0543	31.0480	3843.4837	11.1123	16.0603	239.3152	7692.0247	15.5270	5.0142	16.045
L20	32.0543	31.0480	3843.4837	11.1123	16.0603	239.3152	7692.0247	15.5270	5.0142	16.045
	32.9569	31.9296	4180.2682	11.4279	16.5119	253.1677	8366.0369	15.9678	5.1706	16.546

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
L21	32.9569	31.9296	4180.2682	11.4279	16.5119	253.1677	8366.0369	15.9678	5.1706	16.546
	33.6487	32.6054	4451.3667	11.6697	16.8580	264.0509	8908.5907	16.3058	5.2906	16.93
L22	33.6179	53.1476	7167.8041	11.5987	16.8580	425.1873	14345.0398	26.5788	4.9386	9.636
	33.6630	53.2199	7197.0924	11.6145	16.8806	426.3537	14403.6550	26.6150	4.9464	9.651
L23	33.6649	51.9417	7029.6047	11.6190	16.8806	416.4318	14068.4592	25.9758	4.9684	9.937
	34.5675	53.3522	7617.9921	11.9345	17.3321	439.5313	15246.0082	26.6812	5.1248	10.25
L24	34.5675	53.3522	7617.9921	11.9345	17.3321	439.5313	15246.0082	26.6812	5.1248	10.25
	35.4700	54.7627	8238.3288	12.2500	17.7836	463.2543	16487.4977	27.3866	5.2812	10.562
L25	35.4719	53.4130	8041.1027	12.2545	17.7836	452.1640	16092.7862	26.7116	5.3032	10.878
	36.3744	54.7883	8678.3605	12.5700	18.2351	475.9148	17368.1403	27.3994	5.4597	11.199
L26	36.3744	54.7883	8678.3605	12.5700	18.2351	475.9148	17368.1403	27.3994	5.4597	11.199
	37.2770	56.1636	9348.4275	12.8855	18.6866	500.2736	18709.1560	28.0871	5.6161	11.52
L27	37.2770	56.1636	9348.4275	12.8855	18.6866	500.2736	18709.1560	28.0871	5.6161	11.52
	38.2470	57.6417	10106.1389	13.2246	19.1719	527.1323	20225.5757	28.8263	5.7842	11.865
L28	37.6293	42.6190	6903.5152	12.7114	18.3803	375.5926	13816.1142	21.3135	5.7080	15.221
	37.8098	43.9409	7566.0069	13.1057	18.9445	399.3773	15141.9693	21.9746	5.9035	15.743
L29	37.8098	43.9409	7566.0069	13.1057	18.9445	399.3773	15141.9693	21.9746	5.9035	15.743
	38.7120	44.9984	8125.5208	13.4211	19.3959	418.9309	16261.7333	22.5035	6.0598	16.16
L30	38.7120	44.9984	8125.5208	13.4211	19.3959	418.9309	16261.7333	22.5035	6.0598	16.16
	39.6141	46.0559	8711.9607	13.7365	19.8472	438.9518	17435.3848	23.0323	6.2162	16.577
L31	39.6141	46.0559	8711.9607	13.7365	19.8472	438.9518	17435.3848	23.0323	6.2162	16.577
	40.5163	47.1134	9325.9594	14.0519	20.2985	459.4400	18664.1901	23.5612	6.3726	16.994
L32	40.5163	47.1134	9325.9594	14.0519	20.2985	459.4400	18664.1901	23.5612	6.3726	16.994
	41.4185	48.1709	9968.1496	14.3673	20.7499	480.3955	19949.4156	24.0900	6.5289	17.41
L33	41.4185	48.1709	9968.1496	14.3673	20.7499	480.3955	19949.4156	24.0900	6.5289	17.41
	42.3207	49.2284	10639.1643	14.6827	21.2012	501.8184	21292.3278	24.6189	6.6853	17.827
L34	42.3207	49.2284	10639.1643	14.6827	21.2012	501.8184	21292.3278	24.6189	6.6853	17.827
	43.2228	50.2859	11339.6360	14.9981	21.6526	523.7086	22694.1931	25.1477	6.8417	18.244
L35	43.2228	50.2859	11339.6360	14.9981	21.6526	523.7086	22694.1931	25.1477	6.8417	18.244
	44.1250	51.3434	12070.1977	15.3135	22.1039	546.0662	24156.2777	25.6766	6.9980	18.661
L36	44.1250	51.3434	12070.1977	15.3135	22.1039	546.0662	24156.2777	25.6766	6.9980	18.661
	45.0272	52.4009	12831.4822	15.6289	22.5553	568.8911	25679.8483	26.2054	7.1544	19.078
L37	45.0272	52.4009	12831.4822	15.6289	22.5553	568.8911	25679.8483	26.2054	7.1544	19.078
	45.6363	53.1149	13363.1957	15.8419	22.8600	584.5667	26743.9750	26.5625	7.2600	19.36

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 160.00-155.00				1	1	1			
L2 155.00-150.00				1	1	1			
L3 150.00-145.00				1	1	1			
L4 145.00-140.00				1	1	1			
L5 140.00-135.33				1	1	1			
L6 135.33-133.66				1	1	1			
L7 133.66-128.66				1	1	1			
L8 128.66-123.66				1	1	1			
L9 123.66-118.66				1	1	1			
L10 118.66-113.66				1	1	1			
L11 113.66-108.66				1	1	1			
L12 108.66-				1	1	1			

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
103.66									
L13 103.66-101.00				1	1	1			
L14 101.00-100.75				1	1	1			
L15 100.75-95.75				1	1	1			
L16 95.75-89.83				1	1	1			
L17 89.83-88.83				1	1	1			
L18 88.83-83.83				1	1	1			
L19 83.83-78.83				1	1	1			
L20 78.83-73.83				1	1	1			
L21 73.83-70.00				1	1	1			
L22 70.00-69.75				1	1	0.951715			
L23 69.75-64.75				1	1	0.965879			
L24 64.75-59.75				1	1	0.957099			
L25 59.75-54.75				1	1	0.972743			
L26 54.75-49.75				1	1	0.96462			
L27 49.75-44.38				1	1	0.964424			
L28 44.38-43.38				1	1	1			
L29 43.38-38.38				1	1	1			
L30 38.38-33.38				1	1	1			
L31 33.38-28.38				1	1	1			
L32 28.38-23.38				1	1	1			
L33 23.38-18.38				1	1	1			
L34 18.38-13.38				1	1	1			
L35 13.38-8.38				1	1	1			
L36 8.38-3.38				1	1	1			
L37 3.38-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
***										
(Area) Sabre MS600	A	No	Surface Af	72.00 -	1	1	0.500	6.0000	14.0000	0.00

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
(1.00x6.00)			(CaAa)	47.00			0.500			
(Area) Sabre MS600	B	No	Surface Af	72.00 -	1	1	0.500	6.0000	14.0000	0.00
(1.00x6.00)			(CaAa)	47.00			0.500			
(Area) Sabre MS600	C	No	Surface Af	72.00 -	1	1	0.500	6.0000	14.0000	0.00
(1.00x6.00)			(CaAa)	47.00			0.500			
*										
(Area) Sabre MS450	A	No	Surface Af	102.50 -	1	1	0.500	4.5000	11.0000	0.00
(1.00x4.50)			(CaAa)	92.50			0.500			
(Area) Sabre MS450	B	No	Surface Af	102.50 -	1	1	0.500	4.5000	11.0000	0.00
(1.00x4.50)			(CaAa)	92.50			0.500			
(Area) Sabre MS450	C	No	Surface Af	102.50 -	1	1	0.500	4.5000	11.0000	0.00
(1.00x4.50)			(CaAa)	92.50			0.500			
***										
CU12PSM9P6XXX(1-1/2)	A	No	Surface Ar	122.00 -	1	1	-0.310	1.6000		2.35
			(CaAa)	0.00			-0.280			
***										

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
***									
HB158-21U6S24-xxM_TMO(1-5/8)	C	No	No	Inside Pole	160.00 - 0.00	3	No Ice	0.00	2.50
							1/2'' Ice	0.00	2.50
							1'' Ice	0.00	2.50
***									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	149.00 - 0.00	6	No Ice	0.00	0.82
							1/2'' Ice	0.00	0.82
							1'' Ice	0.00	0.82
HB158-U12S24-XXX-LI(1-5/8)	B	No	No	Inside Pole	149.00 - 0.00	1	No Ice	0.00	3.20
							1/2'' Ice	0.00	3.20
							1'' Ice	0.00	3.20
***									
LDF2-50(3/8)	B	No	No	Inside Pole	0.00 - 0.00	1	No Ice	0.04	0.08
							1/2'' Ice	0.14	0.65
							1'' Ice	0.24	1.84
***									
LDF7-50A(1-5/8)	A	No	No	Inside Pole	132.00 - 0.00	6	No Ice	0.00	0.82
							1/2'' Ice	0.00	0.82
							1'' Ice	0.00	0.82
FB-L98B-002-75000(3/8)	A	No	No	Inside Pole	132.00 - 0.00	1	No Ice	0.00	0.06
							1/2'' Ice	0.00	0.06
							1'' Ice	0.00	0.06
FB-L98B-034-XXX(3/8)	A	No	No	Inside Pole	132.00 - 0.00	1	No Ice	0.00	0.06
							1/2'' Ice	0.00	0.06
							1'' Ice	0.00	0.06
WR-VG122ST-BRDA(7/16)	A	No	No	Inside Pole	132.00 - 0.00	2	No Ice	0.00	0.14
							1/2'' Ice	0.00	0.14
							1'' Ice	0.00	0.14
WR-VG86ST-BRD(3/4)	A	No	No	Inside Pole	132.00 - 0.00	4	No Ice	0.00	0.58
							1/2'' Ice	0.00	0.58
							1'' Ice	0.00	0.58
2'' Rigid Conduit	A	No	No	Inside Pole	132.00 - 0.00	1	No Ice	0.00	2.80
							1/2'' Ice	0.00	2.80
							1'' Ice	0.00	2.80
***									
LDF4-50A(1/2)	A	No	No	Inside Pole	77.00 - 0.00	1	No Ice	0.00	0.15

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
							1/2'' 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	160.00-155.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.04
L2	155.00-150.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.04
L3	150.00-145.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.03
		C	0.000	0.000	0.000	0.000	0.04
L4	145.00-140.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L5	140.00-135.33	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L6	135.33-133.66	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.01
L7	133.66-128.66	A	0.000	0.000	0.000	0.000	0.03
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L8	128.66-123.66	A	0.000	0.000	0.000	0.000	0.05
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L9	123.66-118.66	A	0.000	0.000	0.534	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L10	118.66-113.66	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L11	113.66-108.66	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L12	108.66-103.66	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L13	103.66-101.00	A	0.000	0.000	1.551	0.000	0.03
		B	0.000	0.000	1.125	0.000	0.02
		C	0.000	0.000	1.125	0.000	0.02
L14	101.00-100.75	A	0.000	0.000	0.228	0.000	0.00
		B	0.000	0.000	0.188	0.000	0.00
		C	0.000	0.000	0.188	0.000	0.00
L15	100.75-95.75	A	0.000	0.000	4.550	0.000	0.06
		B	0.000	0.000	3.750	0.000	0.04
		C	0.000	0.000	3.750	0.000	0.04
L16	95.75-89.83	A	0.000	0.000	3.384	0.000	0.08
		B	0.000	0.000	2.438	0.000	0.05

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
		C	0.000	0.000	2.438	0.000	0.04
L17	89.83-88.83	A	0.000	0.000	0.160	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.01
L18	88.83-83.83	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L19	83.83-78.83	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L20	78.83-73.83	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L21	73.83-70.00	A	0.000	0.000	2.613	0.000	0.05
		B	0.000	0.000	2.000	0.000	0.03
		C	0.000	0.000	2.000	0.000	0.03
L22	70.00-69.75	A	0.000	0.000	0.290	0.000	0.00
		B	0.000	0.000	0.250	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L23	69.75-64.75	A	0.000	0.000	5.800	0.000	0.06
		B	0.000	0.000	5.000	0.000	0.04
		C	0.000	0.000	5.000	0.000	0.04
L24	64.75-59.75	A	0.000	0.000	5.800	0.000	0.06
		B	0.000	0.000	5.000	0.000	0.04
		C	0.000	0.000	5.000	0.000	0.04
L25	59.75-54.75	A	0.000	0.000	5.800	0.000	0.06
		B	0.000	0.000	5.000	0.000	0.04
		C	0.000	0.000	5.000	0.000	0.04
L26	54.75-49.75	A	0.000	0.000	5.800	0.000	0.06
		B	0.000	0.000	5.000	0.000	0.04
		C	0.000	0.000	5.000	0.000	0.04
L27	49.75-44.38	A	0.000	0.000	3.610	0.000	0.07
		B	0.000	0.000	2.750	0.000	0.04
		C	0.000	0.000	2.750	0.000	0.04
L28	44.38-43.38	A	0.000	0.000	0.160	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.01
L29	43.38-38.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L30	38.38-33.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L31	33.38-28.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L32	28.38-23.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L33	23.38-18.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L34	18.38-13.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L35	13.38-8.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L36	8.38-3.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L37	3.38-0.00	A	0.000	0.000	0.540	0.000	0.04

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
		B	0.000	0.000	0.000	0.000	0.03
		C	0.000	0.000	0.000	0.000	0.03

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	160.00-155.00	A	0.994	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.04
L2	155.00-150.00	A	0.991	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.04
L3	150.00-145.00	A	0.987	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.03
		C		0.000	0.000	0.000	0.000	0.04
L4	145.00-140.00	A	0.984	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L5	140.00-135.33	A	0.980	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L6	135.33-133.66	A	0.978	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.01
L7	133.66-128.66	A	0.976	0.000	0.000	0.000	0.000	0.03
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L8	128.66-123.66	A	0.972	0.000	0.000	0.000	0.000	0.05
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L9	123.66-118.66	A	0.968	0.000	0.000	1.180	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L10	118.66-113.66	A	0.964	0.000	0.000	1.764	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L11	113.66-108.66	A	0.960	0.000	0.000	1.760	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L12	108.66-103.66	A	0.955	0.000	0.000	1.755	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L13	103.66-101.00	A	0.952	0.000	0.000	2.228	0.000	0.05
		B		0.000	0.000	1.295	0.000	0.03
		C		0.000	0.000	1.295	0.000	0.03
L14	101.00-100.75	A	0.950	0.000	0.000	0.303	0.000	0.01
		B		0.000	0.000	0.216	0.000	0.00
		C		0.000	0.000	0.216	0.000	0.00
L15	100.75-95.75	A	0.948	0.000	0.000	6.064	0.000	0.11
		B		0.000	0.000	4.316	0.000	0.07
		C		0.000	0.000	4.316	0.000	0.06
L16	95.75-89.83	A	0.943	0.000	0.000	4.866	0.000	0.11
		B		0.000	0.000	2.804	0.000	0.07
		C		0.000	0.000	2.804	0.000	0.06
L17	89.83-88.83	A	0.939	0.000	0.000	0.349	0.000	0.02
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.01
L18	88.83-83.83	A	0.936	0.000	0.000	1.736	0.000	0.08

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L19	83.83-78.83	A	0.930	0.000	0.000	1.730	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L20	78.83-73.83	A	0.924	0.000	0.000	1.724	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L21	73.83-70.00	A	0.919	0.000	0.000	3.685	0.000	0.07
		B		0.000	0.000	2.368	0.000	0.04
		C		0.000	0.000	2.368	0.000	0.04
L22	70.00-69.75	A	0.916	0.000	0.000	0.382	0.000	0.01
		B		0.000	0.000	0.296	0.000	0.00
		C		0.000	0.000	0.296	0.000	0.00
L23	69.75-64.75	A	0.913	0.000	0.000	7.625	0.000	0.11
		B		0.000	0.000	5.913	0.000	0.07
		C		0.000	0.000	5.913	0.000	0.07
L24	64.75-59.75	A	0.906	0.000	0.000	7.611	0.000	0.11
		B		0.000	0.000	5.906	0.000	0.07
		C		0.000	0.000	5.906	0.000	0.07
L25	59.75-54.75	A	0.898	0.000	0.000	7.596	0.000	0.11
		B		0.000	0.000	5.898	0.000	0.07
		C		0.000	0.000	5.898	0.000	0.07
L26	54.75-49.75	A	0.890	0.000	0.000	7.580	0.000	0.11
		B		0.000	0.000	5.890	0.000	0.07
		C		0.000	0.000	5.890	0.000	0.07
L27	49.75-44.38	A	0.881	0.000	0.000	5.041	0.000	0.10
		B		0.000	0.000	3.234	0.000	0.06
		C		0.000	0.000	3.234	0.000	0.06
L28	44.38-43.38	A	0.875	0.000	0.000	0.336	0.000	0.02
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.01
L29	43.38-38.38	A	0.868	0.000	0.000	1.668	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L30	38.38-33.38	A	0.857	0.000	0.000	1.657	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L31	33.38-28.38	A	0.844	0.000	0.000	1.644	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L32	28.38-23.38	A	0.830	0.000	0.000	1.630	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L33	23.38-18.38	A	0.812	0.000	0.000	1.612	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L34	18.38-13.38	A	0.790	0.000	0.000	1.590	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L35	13.38-8.38	A	0.761	0.000	0.000	1.561	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L36	8.38-3.38	A	0.715	0.000	0.000	1.515	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L37	3.38-0.00	A	0.631	0.000	0.000	0.966	0.000	0.05
		B		0.000	0.000	0.000	0.000	0.03
		C		0.000	0.000	0.000	0.000	0.03

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X Ice	CP_Z Ice
	ft	in	in	in	in
L1	160.00-155.00	0.0000	0.0000	0.0000	0.0000
L2	155.00-150.00	0.0000	0.0000	0.0000	0.0000
L3	150.00-145.00	0.0000	0.0000	0.0000	0.0000
L4	145.00-140.00	0.0000	0.0000	0.0000	0.0000
L5	140.00-135.33	0.0000	0.0000	0.0000	0.0000
L6	135.33-133.66	0.0000	0.0000	0.0000	0.0000
L7	133.66-128.66	0.0000	0.0000	0.0000	0.0000
L8	128.66-123.66	0.0000	0.0000	0.0000	0.0000
L9	123.66-118.66	-0.8624	0.0815	-1.0586	0.1001
L10	118.66-113.66	-1.2455	0.1177	-1.5198	0.1437
L11	113.66-108.66	-1.2469	0.1179	-1.5228	0.1440
L12	108.66-103.66	-1.2482	0.1180	-1.5254	0.1442
L13	103.66-101.00	-0.7466	0.0706	-1.0659	0.1008
L14	101.00-100.75	-0.5719	0.0541	-0.8669	0.0819
L15	100.75-95.75	-0.5769	0.0545	-0.8726	0.0825
L16	95.75-89.83	-0.7716	0.0729	-1.0916	0.1032
L17	89.83-88.83	-1.2517	0.1183	-1.5310	0.1447
L18	88.83-83.83	-1.2523	0.1184	-1.5285	0.1445
L19	83.83-78.83	-1.2533	0.1185	-1.5288	0.1445
L20	78.83-73.83	-1.2542	0.1186	-1.5285	0.1445
L21	73.83-70.00	-0.7313	0.0691	-1.0321	0.0976
L22	70.00-69.75	-0.5325	0.0503	-0.7993	0.0756
L23	69.75-64.75	-0.5366	0.0507	-0.8036	0.0760
L24	64.75-59.75	-0.5444	0.0515	-0.8115	0.0767
L25	59.75-54.75	-0.5521	0.0522	-0.8188	0.0774
L26	54.75-49.75	-0.5596	0.0529	-0.8255	0.0780
L27	49.75-44.38	-0.7753	0.0733	-1.0670	0.1009
L28	44.38-43.38	-1.2591	0.1190	-1.5159	0.1433
L29	43.38-38.38	-1.2595	0.1191	-1.5077	0.1425
L30	38.38-33.38	-1.2601	0.1191	-1.5017	0.1420
L31	33.38-28.38	-1.2607	0.1192	-1.4942	0.1412
L32	28.38-23.38	-1.2613	0.1192	-1.4850	0.1404
L33	23.38-18.38	-1.2619	0.1193	-1.4733	0.1393
L34	18.38-13.38	-1.2624	0.1193	-1.4579	0.1378
L35	13.38-8.38	-1.2630	0.1194	-1.4364	0.1358
L36	8.38-3.38	-1.2635	0.1194	-1.4014	0.1325
L37	3.38-0.00	-1.2639	0.1195	-1.3340	0.1261

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
L9	26	CU12PSM9P6XXX(1-1/2)	118.66 - 122.00	1.0000	1.0000
L10	26	CU12PSM9P6XXX(1-1/2)	113.66 - 118.66	1.0000	1.0000
L11	26	CU12PSM9P6XXX(1-1/2)	108.66 - 113.66	1.0000	1.0000
L12	26	CU12PSM9P6XXX(1-1/2)	103.66 -	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
			108.66		
L13	6	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	1.0000	1.0000
L13	7	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	1.0000	1.0000
L13	8	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	1.0000	1.0000
L13	26	CU12PSM9P6XXX(1-1/2)	101.00 - 103.66	1.0000	1.0000
L14	6	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	1.0000	1.0000
L14	7	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	1.0000	1.0000
L14	8	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	1.0000	1.0000
L14	26	CU12PSM9P6XXX(1-1/2)	100.75 - 101.00	1.0000	1.0000
L15	6	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	1.0000	1.0000
L15	7	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	1.0000	1.0000
L15	8	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	1.0000	1.0000
L15	26	CU12PSM9P6XXX(1-1/2)	95.75 - 100.75	1.0000	1.0000
L16	6	(Area) Sabre MS450 (1.00x4.50)	92.50 - 95.75	1.0000	1.0000
L16	7	(Area) Sabre MS450 (1.00x4.50)	92.50 - 95.75	1.0000	1.0000
L16	8	(Area) Sabre MS450 (1.00x4.50)	92.50 - 95.75	1.0000	1.0000
L16	26	CU12PSM9P6XXX(1-1/2)	89.83 - 95.75	1.0000	1.0000
L17	26	CU12PSM9P6XXX(1-1/2)	88.83 - 89.83	1.0000	1.0000
L18	26	CU12PSM9P6XXX(1-1/2)	83.83 - 88.83	1.0000	1.0000
L19	26	CU12PSM9P6XXX(1-1/2)	78.83 - 83.83	1.0000	1.0000
L20	26	CU12PSM9P6XXX(1-1/2)	73.83 - 78.83	1.0000	1.0000
L21	2	(Area) Sabre MS600 (1.00x6.00)	70.00 - 72.00	1.0000	1.0000
L21	3	(Area) Sabre MS600 (1.00x6.00)	70.00 - 72.00	1.0000	1.0000
L21	4	(Area) Sabre MS600 (1.00x6.00)	70.00 - 72.00	1.0000	1.0000
L21	26	CU12PSM9P6XXX(1-1/2)	70.00 - 73.83	1.0000	1.0000
L22	2	(Area) Sabre MS600 (1.00x6.00)	69.75 - 70.00	1.0000	1.0000
L22	3	(Area) Sabre MS600 (1.00x6.00)	69.75 - 70.00	1.0000	1.0000
L22	4	(Area) Sabre MS600 (1.00x6.00)	69.75 - 70.00	1.0000	1.0000
L22	26	CU12PSM9P6XXX(1-1/2)	69.75 - 70.00	1.0000	1.0000
L23	2	(Area) Sabre MS600 (1.00x6.00)	64.75 - 69.75	1.0000	1.0000
L23	3	(Area) Sabre MS600 (1.00x6.00)	64.75 - 69.75	1.0000	1.0000
L23	4	(Area) Sabre MS600 (1.00x6.00)	64.75 - 69.75	1.0000	1.0000
L23	26	CU12PSM9P6XXX(1-1/2)	64.75 - 69.75	1.0000	1.0000
L24	2	(Area) Sabre MS600 (1.00x6.00)	59.75 - 64.75	1.0000	1.0000
L24	3	(Area) Sabre MS600 (1.00x6.00)	59.75 - 64.75	1.0000	1.0000
L24	4	(Area) Sabre MS600 (1.00x6.00)	59.75 - 64.75	1.0000	1.0000
L24	26	CU12PSM9P6XXX(1-1/2)	59.75 - 64.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L25	2	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	1.0000	1.0000
L25	3	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	1.0000	1.0000
L25	4	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	1.0000	1.0000
L25	26	CU12PSM9P6XXX(1-1/2)	54.75 - 59.75	1.0000	1.0000
L26	2	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	1.0000	1.0000
L26	3	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	1.0000	1.0000
L26	4	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	1.0000	1.0000
L26	26	CU12PSM9P6XXX(1-1/2)	49.75 - 54.75	1.0000	1.0000
L27	2	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	1.0000	1.0000
L27	3	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	1.0000	1.0000
L27	4	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	1.0000	1.0000
L27	26	CU12PSM9P6XXX(1-1/2)	44.38 - 49.75	1.0000	1.0000
L28	26	CU12PSM9P6XXX(1-1/2)	43.38 - 44.38	1.0000	1.0000
L29	26	CU12PSM9P6XXX(1-1/2)	38.38 - 43.38	1.0000	1.0000
L30	26	CU12PSM9P6XXX(1-1/2)	33.38 - 38.38	1.0000	1.0000
L31	26	CU12PSM9P6XXX(1-1/2)	28.38 - 33.38	1.0000	1.0000
L32	26	CU12PSM9P6XXX(1-1/2)	23.38 - 28.38	1.0000	1.0000
L33	26	CU12PSM9P6XXX(1-1/2)	18.38 - 23.38	1.0000	1.0000
L34	26	CU12PSM9P6XXX(1-1/2)	13.38 - 18.38	1.0000	1.0000
L35	26	CU12PSM9P6XXX(1-1/2)	8.38 - 13.38	1.0000	1.0000
L36	26	CU12PSM9P6XXX(1-1/2)	3.38 - 8.38	1.0000	1.0000
L37	26	CU12PSM9P6XXX(1-1/2)	0.00 - 3.38	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
L13	6	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	Auto	0.0019
L13	7	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	Auto	0.0019
L13	8	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	Auto	0.0019
L14	6	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	Auto	0.0000
L14	7	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	Auto	0.0000
L14	8	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	Auto	0.0000
L15	6	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	Auto	0.0000
L15	7	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	Auto	0.0000
L15	8	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	Auto	0.0000

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L16	6	(Area) Sabre MS450 (1.00x4.50)	92.50 - 95.75	Auto	0.0000
L16	7	(Area) Sabre MS450 (1.00x4.50)	92.50 - 95.75	Auto	0.0000
L16	8	(Area) Sabre MS450 (1.00x4.50)	92.50 - 95.75	Auto	0.0000
L21	2	(Area) Sabre MS600 (1.00x6.00)	70.00 - 72.00	Auto	0.1235
L21	3	(Area) Sabre MS600 (1.00x6.00)	70.00 - 72.00	Auto	0.1235
L21	4	(Area) Sabre MS600 (1.00x6.00)	70.00 - 72.00	Auto	0.1235
L22	2	(Area) Sabre MS600 (1.00x6.00)	69.75 - 70.00	Auto	0.1763
L22	3	(Area) Sabre MS600 (1.00x6.00)	69.75 - 70.00	Auto	0.1763
L22	4	(Area) Sabre MS600 (1.00x6.00)	69.75 - 70.00	Auto	0.1763
L23	2	(Area) Sabre MS600 (1.00x6.00)	64.75 - 69.75	Auto	0.1589
L23	3	(Area) Sabre MS600 (1.00x6.00)	64.75 - 69.75	Auto	0.1589
L23	4	(Area) Sabre MS600 (1.00x6.00)	64.75 - 69.75	Auto	0.1589
L24	2	(Area) Sabre MS600 (1.00x6.00)	59.75 - 64.75	Auto	0.1328
L24	3	(Area) Sabre MS600 (1.00x6.00)	59.75 - 64.75	Auto	0.1328
L24	4	(Area) Sabre MS600 (1.00x6.00)	59.75 - 64.75	Auto	0.1328
L25	2	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	Auto	0.1031
L25	3	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	Auto	0.1031
L25	4	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	Auto	0.1031
L26	2	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	Auto	0.0770
L26	3	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	Auto	0.0770
L26	4	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	Auto	0.0770
L27	2	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	Auto	0.0568
L27	3	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	Auto	0.0568
L27	4	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	Auto	0.0568

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
162					
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	162.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	162.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	162.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 -2.00	0.0000	162.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 -2.00	0.0000	162.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 -2.00	0.0000	162.00
RADIO 4460 B2/B25 B66_TMO	A	From Leg	4.00 0.00 0.00	0.0000	162.00
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.00 0.00 0.00	0.0000	162.00
RADIO 4460 B2/B25 B66_TMO	C	From Leg	4.00 0.00 0.00	0.0000	162.00
Radio 4480_TMOV2	A	From Leg	4.00 0.00 0.00	0.0000	162.00
Radio 4480_TMOV2	B	From Leg	4.00 0.00 0.00	0.0000	162.00
Radio 4480_TMOV2	C	From Leg	4.00 0.00 0.00	0.0000	162.00
Platform Mount [LP 1201-1_KCKR-HR-1]	C	None		0.0000	162.00
(2) 8' x 2'' Mount Pipe	A	From Leg	4.00 0.00 -2.00	0.0000	162.00
(2) 8' x 2'' Mount Pipe	B	From Leg	4.00 0.00 -2.00	0.0000	162.00
(2) 8' x 2'' Mount Pipe	C	From Leg	4.00 0.00 -2.00	0.0000	162.00
149					
(2) BSF0020F3V1	B	From Leg	4.00 0.00 0.00	0.0000	149.00
(2) LPA-80080/6CF w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	149.00
(2) LPA-80080/6CF w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	149.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
(2) LPA-80080/6CF w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	149.00
(2) MX06FIT665-02 w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	149.00
(2) MX06FIT665-02 w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	149.00
(2) MX06FIT665-02 w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	149.00
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	149.00
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	149.00
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	149.00
RRFDC-3315-PF-48	C	From Leg	4.00 0.00 3.00	0.0000	149.00
RFV01U-D1A	A	From Leg	4.00 0.00 0.00	0.0000	149.00
RFV01U-D1A	B	From Leg	4.00 0.00 0.00	0.0000	149.00
RFV01U-D1A	C	From Leg	4.00 0.00 0.00	0.0000	149.00
RFV01U-D2A	A	From Leg	4.00 0.00 0.00	0.0000	149.00
RFV01U-D2A	B	From Leg	4.00 0.00 0.00	0.0000	149.00
RFV01U-D2A	C	From Leg	4.00 0.00 0.00	0.0000	149.00
Platform Mount [LP 303-1_HR-1] ***132***	C	None		0.0000	149.00
(2) 80010965 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	132.00
(2) 80010965 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	132.00
(2) 80010964 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	132.00
7770.00 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	132.00
7770.00 w/ Mount Pipe	B	From Leg	4.00	0.0000	132.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
			0.00 1.00		
7770.00 w/ Mount Pipe	C	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 4449 B5/B12	A	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 4449 B5/B12	B	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 4449 B5/B12	C	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 8843 B2/B66A	A	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 8843 B2/B66A	B	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 8843 B2/B66A	C	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 4478 B14	A	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 4478 B14	B	From Leg	4.00 0.00	0.0000	132.00
			1.00		
RRUS 4478 B14	C	From Leg	4.00 0.00	0.0000	132.00
			1.00		
DC6-48-60-18-8C-EV	A	From Leg	4.00 0.00	0.0000	132.00
			1.00		
DC6-48-60-18-8C-EV	B	From Leg	4.00 0.00	0.0000	132.00
			1.00		
(2) LGP21401	A	From Leg	4.00 0.00	0.0000	132.00
			1.00		
(2) LGP21401	B	From Leg	4.00 0.00	0.0000	132.00
			1.00		
(2) LGP21401	C	From Leg	4.00 0.00	0.0000	132.00
			1.00		
DC6-48-60-18-8F	C	From Leg	4.00 0.00	0.0000	132.00
			1.00		
Platform Mount [LP 303-1_HR-1]	C	None		0.0000	132.00
8' x 2'' Mount Pipe	A	From Leg	4.00 0.00	0.0000	132.00
			0.00		
8' x 2'' Mount Pipe	B	From Leg	4.00 0.00	0.0000	132.00
			0.00		

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
8' x 2'' Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	132.00
122					
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	122.00
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	122.00
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	122.00
TA08025-B604	A	From Leg	4.00 0.00 0.00	0.0000	122.00
TA08025-B604	B	From Leg	4.00 0.00 0.00	0.0000	122.00
TA08025-B604	C	From Leg	4.00 0.00 0.00	0.0000	122.00
TA08025-B605	A	From Leg	4.00 0.00 0.00	0.0000	122.00
TA08025-B605	B	From Leg	4.00 0.00 0.00	0.0000	122.00
TA08025-B605	C	From Leg	4.00 0.00 0.00	0.0000	122.00
RDIDC-9181-PF-48	A	From Leg	4.00 0.00 0.00	0.0000	122.00
Valmont SNP8HR-396	C	None		0.0000	122.00
(2) 8' x 2'' Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	122.00
(2) 8' x 2'' Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	122.00
(2) 8' x 2'' Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	122.00
77					
GPS_A	C	From Face	3.00 0.00 -1.00	20.0000	77.00
Side Arm Mount [SO 701-1]	C	From Face	1.50 0.00 0.00	20.0000	77.00
****** ***					

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
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	160 - 155	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-8.97	0.00	0.00

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Mx	8	-4.37	-33.45	0.34
			Max. My	14	-4.37	-0.00	-33.45
			Max. Vy	8	5.83	-33.45	0.34
			Max. Vx	14	5.83	-0.00	-33.45
			Max. Torque	17			-1.82
L2	155 - 150	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-9.37	0.00	0.00
			Max. Mx	8	-4.60	-63.36	0.31
			Max. My	14	-4.60	-0.01	-63.36
			Max. Vy	8	6.14	-63.36	0.31
			Max. Vx	14	6.14	-0.01	-63.36
			Max. Torque	17			-1.82
L3	150 - 145	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-16.71	0.10	-0.41
			Max. Mx	8	-7.90	-111.10	0.02
			Max. My	14	-7.91	-0.11	-111.02
			Max. Vy	8	10.72	-111.10	0.02
			Max. Vx	14	10.68	-0.11	-111.02
			Max. Torque	17			-1.82
L4	145 - 140	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-17.19	0.10	-0.41
			Max. Mx	8	-8.24	-165.46	-0.02
			Max. My	14	-8.25	-0.11	-165.16
			Max. Vy	8	11.03	-165.46	-0.02
			Max. Vx	14	10.99	-0.11	-165.16
			Max. Torque	8			-1.55
L5	140 - 135.33	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-17.33	0.10	-0.41
			Max. Mx	8	-8.33	-180.26	-0.03
			Max. My	14	-8.34	-0.11	-179.90
			Max. Vy	8	11.12	-180.26	-0.03
			Max. Vx	14	11.07	-0.11	-179.90
			Max. Torque	8			-1.55
L6	135.33 - 133.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-18.18	0.10	-0.41
			Max. Mx	8	-8.93	-236.79	-0.06
			Max. My	14	-8.93	-0.12	-236.22
			Max. Vy	8	11.50	-236.79	-0.06
			Max. Vx	2	-11.45	-0.12	235.81
			Max. Torque	8			-1.55
L7	133.663 - 128.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-25.56	-0.53	-0.05
			Max. Mx	8	-12.64	-312.28	0.35
			Max. My	14	-12.64	-0.26	-311.39
			Max. Vy	8	16.12	-312.28	0.35
			Max. Vx	2	-16.14	-0.26	311.27
			Max. Torque	13			3.70
L8	128.663 - 123.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-26.24	-0.53	-0.05
			Max. Mx	8	-13.22	-393.62	0.31
			Max. My	14	-13.22	-0.26	-392.85
			Max. Vy	8	16.43	-393.62	0.31
			Max. Vx	2	-16.46	-0.26	392.73
			Max. Torque	13			3.69
L9	123.663 - 118.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-31.47	-0.51	0.28
			Max. Mx	8	-16.33	-486.43	0.48
			Max. My	2	-16.32	-0.26	485.90

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	19.72	-486.43	0.48
			Max. Vx	2	-19.77	-0.26	485.90
			Max. Torque	13			4.55
L10	118.663 - 113.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.22	-0.49	0.29
			Max. Mx	8	-17.01	-585.64	0.45
			Max. My	2	-17.00	-0.25	585.40
			Max. Vy	8	20.00	-585.64	0.45
			Max. Vx	2	-20.05	-0.25	585.40
			Max. Torque	13			4.54
L11	113.663 - 108.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.99	-0.46	0.31
			Max. Mx	8	-17.73	-686.25	0.43
			Max. My	2	-17.71	-0.25	686.30
			Max. Vy	8	20.28	-686.25	0.43
			Max. Vx	2	-20.33	-0.25	686.30
			Max. Torque	13			4.54
L12	108.663 - 103.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-33.78	-0.43	0.33
			Max. Mx	8	-18.47	-788.19	0.41
			Max. My	2	-18.45	-0.24	788.54
			Max. Vy	8	20.54	-788.19	0.41
			Max. Vx	2	-20.60	-0.24	788.54
			Max. Torque	13			4.53
L13	103.663 - 101	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-34.23	-0.41	0.34
			Max. Mx	8	-18.86	-843.03	0.41
			Max. My	2	-18.85	-0.23	843.53
			Max. Vy	8	20.69	-843.03	0.41
			Max. Vx	2	-20.74	-0.23	843.53
			Max. Torque	13			4.52
L14	101 - 100.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-34.28	-0.41	0.34
			Max. Mx	8	-18.92	-848.19	0.41
			Max. My	2	-18.91	-0.23	848.71
			Max. Vy	8	20.68	-848.19	0.41
			Max. Vx	2	-20.74	-0.23	848.71
			Max. Torque	13			4.51
L15	100.75 - 95.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.18	-0.38	0.36
			Max. Mx	8	-19.69	-952.18	0.40
			Max. My	2	-19.68	-0.22	953.00
			Max. Vy	8	20.95	-952.18	0.40
			Max. Vx	2	-21.00	-0.22	953.00
			Max. Torque	13			4.51
L16	95.75 - 89.833	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.46	-0.37	0.36
			Max. Mx	8	-19.93	-985.39	0.39
			Max. My	2	-19.92	-0.21	986.30
			Max. Vy	8	21.04	-985.39	0.39
			Max. Vx	2	-21.09	-0.21	986.30
			Max. Torque	13			4.50
L17	89.833 - 88.833	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-37.08	-0.33	0.38
			Max. Mx	8	-21.23	-1098.57	0.38
			Max. My	2	-21.22	-0.20	1099.80
			Max. Vy	8	21.44	-1098.57	0.38
			Max. Vx	2	-21.50	-0.20	1099.80

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Torque	13			4.50
L18	88.833 - 83.833	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-38.05	-0.30	0.40
			Max. Mx	8	-22.15	-1206.35	0.37
			Max. My	2	-22.14	-0.19	1207.88
			Max. Vy	8	21.71	-1206.35	0.37
			Max. Vx	2	-21.77	-0.19	1207.88
			Max. Torque	13			4.50
L19	83.833 - 78.833	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-39.04	-0.27	0.42
			Max. Mx	8	-23.09	-1315.47	0.37
			Max. My	2	-23.08	-0.17	1317.30
			Max. Vy	8	21.98	-1315.47	0.37
			Max. Vx	14	22.03	-0.17	-1317.03
			Max. Torque	13			4.49
L20	78.833 - 73.833	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-40.17	-0.23	0.11
			Max. Mx	8	-24.12	-1426.14	0.17
			Max. My	14	-24.11	-0.16	-1428.12
			Max. Vy	8	22.32	-1426.14	0.17
			Max. Vx	14	22.35	-0.16	-1428.12
			Max. Torque	13			4.48
L21	73.833 - 70	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-41.00	-0.20	0.12
			Max. Mx	8	-24.87	-1511.95	0.17
			Max. My	14	-24.86	-0.14	-1514.05
			Max. Vy	8	22.51	-1511.95	0.17
			Max. Vx	2	-22.54	-0.14	1513.91
			Max. Torque	13			4.38
L22	70 - 69.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-41.08	-0.20	0.12
			Max. Mx	8	-24.95	-1517.57	0.17
			Max. My	14	-24.95	-0.14	-1519.69
			Max. Vy	8	22.51	-1517.57	0.17
			Max. Vx	2	-22.55	-0.14	1519.55
			Max. Torque	13			4.38
L23	69.75 - 64.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-42.59	-0.17	0.15
			Max. Mx	8	-26.24	-1630.95	0.17
			Max. My	14	-26.24	-0.13	-1633.22
			Max. Vy	8	22.87	-1630.95	0.17
			Max. Vx	2	-22.90	-0.13	1633.10
			Max. Torque	13			4.38
L24	64.75 - 59.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-44.12	-0.13	0.17
			Max. Mx	8	-27.56	-1746.07	0.17
			Max. My	14	-27.55	-0.11	-1748.50
			Max. Vy	8	23.21	-1746.07	0.17
			Max. Vx	2	-23.24	-0.11	1748.40
			Max. Torque	13			4.37
L25	59.75 - 54.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-45.68	-0.09	0.19
			Max. Mx	8	-28.90	-1862.87	0.17
			Max. My	14	-28.89	-0.09	-1865.46
			Max. Vy	8	23.55	-1862.87	0.17
			Max. Vx	2	-23.58	-0.09	1865.39
			Max. Torque	13			4.37
L26	54.75 - 49.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-47.25	-0.06	0.21

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Mx	8	-30.26	-1981.32	0.18
			Max. My	14	-30.25	-0.07	-1984.07
			Max. Vy	20	-23.87	1981.14	0.18
			Max. Vx	2	-23.90	-0.07	1984.01
			Max. Torque	13			4.37
L27	49.75 - 44.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-47.29	-0.05	0.21
			Max. Mx	8	-30.30	-1984.28	0.18
			Max. My	14	-30.30	-0.07	-1987.03
			Max. Vy	20	-23.87	1984.10	0.18
			Max. Vx	2	-23.92	-0.07	1986.98
			Max. Torque	13			4.37
L28	44.376 - 43.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-50.32	-0.01	0.24
			Max. Mx	8	-32.86	-2135.08	0.18
			Max. My	14	-32.86	-0.05	-2138.04
			Max. Vy	20	-24.39	2134.96	0.18
			Max. Vx	2	-24.42	-0.05	2138.01
			Max. Torque	13			4.36
L29	43.376 - 38.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-51.62	0.03	0.26
			Max. Mx	8	-34.09	-2257.45	0.19
			Max. My	14	-34.08	-0.03	-2260.56
			Max. Vy	20	-24.61	2257.36	0.19
			Max. Vx	2	-24.64	-0.03	2260.55
			Max. Torque	13			4.36
L30	38.376 - 33.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-52.94	0.07	0.28
			Max. Mx	8	-35.34	-2380.87	0.20
			Max. My	2	-35.34	-0.01	2384.16
			Max. Vy	20	-24.82	2380.83	0.20
			Max. Vx	2	-24.85	-0.01	2384.16
			Max. Torque	13			4.36
L31	33.376 - 28.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-54.29	0.11	0.31
			Max. Mx	8	-36.61	-2505.30	0.22
			Max. My	2	-36.61	0.01	2508.77
			Max. Vy	20	-25.01	2505.30	0.22
			Max. Vx	2	-25.04	0.01	2508.77
			Max. Torque	13			4.36
L32	28.376 - 23.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-55.66	0.15	0.33
			Max. Mx	20	-37.91	2630.68	0.23
			Max. My	2	-37.91	0.04	2634.29
			Max. Vy	20	-25.19	2630.68	0.23
			Max. Vx	2	-25.21	0.04	2634.29
			Max. Torque	13			4.35
L33	23.376 - 18.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-57.04	0.19	0.35
			Max. Mx	20	-39.23	2756.90	0.24
			Max. My	2	-39.23	0.06	2760.64
			Max. Vy	20	-25.34	2756.90	0.24
			Max. Vx	2	-25.37	0.06	2760.64
			Max. Torque	13			4.35
L34	18.376 - 13.376	Pole	Max Tension	1	0.00	0.00	0.00

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Compression	26	-58.45	0.23	0.38
			Max. Mx	20	-40.57	2883.83	0.26
			Max. My	2	-40.57	0.08	2887.71
			Max. Vy	20	-25.47	2883.83	0.26
			Max. Vx	2	-25.50	0.08	2887.71
			Max. Torque	13			4.35
L35	13.376 - 8.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-59.88	0.27	0.40
			Max. Mx	20	-41.93	3011.41	0.28
			Max. My	2	-41.93	0.10	3015.41
			Max. Vy	20	-25.60	3011.41	0.28
			Max. Vx	2	-25.63	0.10	3015.41
			Max. Torque	13			4.35
L36	8.376 - 3.376	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-61.32	0.31	0.42
			Max. Mx	20	-43.32	3139.59	0.30
			Max. My	2	-43.32	0.13	3143.73
			Max. Vy	20	-25.72	3139.59	0.30
			Max. Vx	2	-25.75	0.13	3143.73
			Max. Torque	13			4.35
L37	3.376 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-62.28	0.34	0.44
			Max. Mx	20	-44.26	3226.48	0.31
			Max. My	2	-44.26	0.14	3230.71
			Max. Vy	20	-25.80	3226.48	0.31
			Max. Vx	2	-25.83	0.14	3230.71
			Max. Torque	13			4.35

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	62.28	0.00	7.32
	Max. H_x	20	44.28	25.77	-0.00
	Max. H_z	2	44.28	-0.00	25.80
	Max. M_x	2	3230.71	-0.00	25.80
	Max. M_z	8	3226.23	-25.77	-0.00
	Max. Torsion	13	4.35	-12.93	-22.39
	Min. Vert	25	33.21	12.93	22.39
	Min. H_x	8	44.28	-25.77	-0.00
	Min. H_z	14	44.28	-0.00	-25.80
	Min. M_x	14	-3230.51	-0.00	-25.80
	Min. M_z	20	-3226.48	25.77	-0.00
	Min. Torsion	25	-4.35	12.93	22.39

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	36.90	0.00	0.00	-0.08	0.12	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	44.28	0.00	-25.80	-3230.71	0.14	0.43
0.9 Dead+1.0 Wind 0 deg - No	33.21	0.00	-25.80	-3144.60	0.11	0.44

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
Ice						
1.2 Dead+1.0 Wind 30 deg - No Ice	44.28	12.87	-22.28	-2789.53	-1610.60	-3.60
0.9 Dead+1.0 Wind 30 deg - No Ice	33.21	12.87	-22.28	-2715.19	-1567.64	-3.62
1.2 Dead+1.0 Wind 60 deg - No Ice	44.28	22.27	-12.86	-1609.58	-2787.57	0.13
0.9 Dead+1.0 Wind 60 deg - No Ice	33.21	22.27	-12.86	-1566.65	-2713.29	0.11
1.2 Dead+1.0 Wind 90 deg - No Ice	44.28	25.77	0.00	-0.31	-3226.23	3.84
0.9 Dead+1.0 Wind 90 deg - No Ice	33.21	25.77	0.00	-0.22	-3140.27	3.84
1.2 Dead+1.0 Wind 120 deg - No Ice	44.28	22.38	12.92	1617.86	-2802.23	-0.26
0.9 Dead+1.0 Wind 120 deg - No Ice	33.21	22.38	12.92	1574.77	-2727.59	-0.28
1.2 Dead+1.0 Wind 150 deg - No Ice	44.28	12.93	22.39	2804.23	-1618.67	-4.32
0.9 Dead+1.0 Wind 150 deg - No Ice	33.21	12.93	22.39	2729.51	-1575.63	-4.35
1.2 Dead+1.0 Wind 180 deg - No Ice	44.28	0.00	25.80	3230.51	0.14	-0.43
0.9 Dead+1.0 Wind 180 deg - No Ice	33.21	0.00	25.80	3144.46	0.11	-0.44
1.2 Dead+1.0 Wind 210 deg - No Ice	44.28	-12.87	22.28	2789.55	1610.49	3.60
0.9 Dead+1.0 Wind 210 deg - No Ice	33.21	-12.87	22.28	2715.19	1567.59	3.62
1.2 Dead+1.0 Wind 240 deg - No Ice	44.28	-22.27	12.86	1609.38	2787.82	-0.13
0.9 Dead+1.0 Wind 240 deg - No Ice	33.21	-22.27	12.86	1566.50	2713.49	-0.11
1.2 Dead+1.0 Wind 270 deg - No Ice	44.28	-25.77	0.00	-0.31	3226.48	-3.84
0.9 Dead+1.0 Wind 270 deg - No Ice	33.21	-25.77	0.00	-0.22	3140.47	-3.84
1.2 Dead+1.0 Wind 300 deg - No Ice	44.28	-22.38	-12.92	-1618.03	2802.50	0.26
0.9 Dead+1.0 Wind 300 deg - No Ice	33.21	-22.38	-12.92	-1574.90	2727.80	0.28
1.2 Dead+1.0 Wind 330 deg - No Ice	44.28	-12.93	-22.39	-2804.18	1619.35	4.32
0.9 Dead+1.0 Wind 330 deg - No Ice	33.21	-12.93	-22.39	-2729.48	1576.12	4.35
1.2 Dead+1.0 Ice+1.0 Temp	62.28	0.00	0.00	-0.44	0.34	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	62.28	0.00	-7.32	-945.67	0.27	0.09
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	62.28	3.65	-6.32	-817.27	-471.30	-0.73
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	62.28	6.32	-3.65	-471.97	-816.28	0.06
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	62.28	7.31	-0.00	-0.56	-944.42	0.84
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	62.28	6.35	3.66	472.83	-819.62	-0.02
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	62.28	3.66	6.35	819.57	-473.18	-0.88
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	62.28	0.00	7.32	944.61	0.27	-0.09
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	62.28	-3.65	6.32	816.23	471.80	0.73

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
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	62.28	-6.32	3.65	470.91	816.83	-0.06
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	62.28	-7.31	-0.00	-0.56	944.96	-0.84
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	62.28	-6.35	-3.66	-473.89	820.16	0.02
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	62.28	-3.66	-6.35	-820.60	473.77	0.88
Dead+Wind 0 deg - Service	36.90	0.00	-6.62	-818.32	0.10	0.12
Dead+Wind 30 deg - Service	36.90	3.30	-5.72	-706.58	-407.81	-0.96
Dead+Wind 60 deg - Service	36.90	5.71	-3.30	-407.71	-705.93	0.03
Dead+Wind 90 deg - Service	36.90	6.61	0.00	-0.10	-817.05	1.02
Dead+Wind 120 deg - Service	36.90	5.74	3.31	409.71	-709.68	-0.08
Dead+Wind 150 deg - Service	36.90	3.32	5.74	710.18	-409.95	-1.16
Dead+Wind 180 deg - Service	36.90	0.00	6.62	818.15	0.10	-0.12
Dead+Wind 210 deg - Service	36.90	-3.30	5.72	706.42	407.99	0.96
Dead+Wind 240 deg - Service	36.90	-5.71	3.30	407.54	706.14	-0.03
Dead+Wind 270 deg - Service	36.90	-6.61	0.00	-0.10	817.25	-1.02
Dead+Wind 300 deg - Service	36.90	-5.74	-3.31	-409.88	709.89	0.08
Dead+Wind 330 deg - Service	36.90	-3.32	-5.74	-710.34	410.18	1.16

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.00	-36.90	0.00	0.00	36.90	0.00	0.000%
2	0.00	-44.28	-25.80	-0.00	44.28	25.80	0.000%
3	0.00	-33.21	-25.80	0.00	33.21	25.80	0.000%
4	12.87	-44.28	-22.28	-12.87	44.28	22.28	0.000%
5	12.87	-33.21	-22.28	-12.87	33.21	22.28	0.000%
6	22.27	-44.28	-12.86	-22.27	44.28	12.86	0.000%
7	22.27	-33.21	-12.86	-22.27	33.21	12.86	0.000%
8	25.77	-44.28	0.00	-25.77	44.28	-0.00	0.000%
9	25.77	-33.21	0.00	-25.77	33.21	0.00	0.000%
10	22.38	-44.28	12.92	-22.38	44.28	-12.92	0.000%
11	22.38	-33.21	12.92	-22.38	33.21	-12.92	0.000%
12	12.93	-44.28	22.39	-12.93	44.28	-22.39	0.000%
13	12.93	-33.21	22.39	-12.93	33.21	-22.39	0.000%
14	0.00	-44.28	25.80	-0.00	44.28	-25.80	0.000%
15	0.00	-33.21	25.80	0.00	33.21	-25.80	0.000%
16	-12.87	-44.28	22.28	12.87	44.28	-22.28	0.000%
17	-12.87	-33.21	22.28	12.87	33.21	-22.28	0.000%
18	-22.27	-44.28	12.86	22.27	44.28	-12.86	0.000%
19	-22.27	-33.21	12.86	22.27	33.21	-12.86	0.000%
20	-25.77	-44.28	0.00	25.77	44.28	-0.00	0.000%
21	-25.77	-33.21	0.00	25.77	33.21	0.00	0.000%
22	-22.38	-44.28	-12.92	22.38	44.28	12.92	0.000%
23	-22.38	-33.21	-12.92	22.38	33.21	12.92	0.000%
24	-12.93	-44.28	-22.39	12.93	44.28	22.39	0.000%
25	-12.93	-33.21	-22.39	12.93	33.21	22.39	0.000%
26	0.00	-62.28	0.00	0.00	62.28	0.00	0.000%
27	0.00	-62.28	-7.32	0.00	62.28	7.32	0.000%
28	3.65	-62.28	-6.32	-3.65	62.28	6.32	0.000%
29	6.32	-62.28	-3.65	-6.32	62.28	3.65	0.000%
30	7.31	-62.28	0.00	-7.31	62.28	0.00	0.000%
31	6.35	-62.28	3.66	-6.35	62.28	-3.66	0.000%
32	3.66	-62.28	6.35	-3.66	62.28	-6.35	0.000%
33	0.00	-62.28	7.32	0.00	62.28	-7.32	0.000%
34	-3.65	-62.28	6.32	3.65	62.28	-6.32	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
35	-6.32	-62.28	3.65	6.32	62.28	-3.65	0.000%
36	-7.31	-62.28	0.00	7.31	62.28	0.00	0.000%
37	-6.35	-62.28	-3.66	6.35	62.28	3.66	0.000%
38	-3.66	-62.28	-6.35	3.66	62.28	6.35	0.000%
39	0.00	-36.90	-6.62	0.00	36.90	6.62	0.000%
40	3.30	-36.90	-5.72	-3.30	36.90	5.72	0.000%
41	5.71	-36.90	-3.30	-5.71	36.90	3.30	0.000%
42	6.61	-36.90	0.00	-6.61	36.90	0.00	0.000%
43	5.74	-36.90	3.31	-5.74	36.90	-3.31	0.000%
44	3.32	-36.90	5.74	-3.32	36.90	-5.74	0.000%
45	0.00	-36.90	6.62	0.00	36.90	-6.62	0.000%
46	-3.30	-36.90	5.72	3.30	36.90	-5.72	0.000%
47	-5.71	-36.90	3.30	5.71	36.90	-3.30	0.000%
48	-6.61	-36.90	0.00	6.61	36.90	0.00	0.000%
49	-5.74	-36.90	-3.31	5.74	36.90	3.31	0.000%
50	-3.32	-36.90	-5.74	3.32	36.90	5.74	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00004671
2	Yes	6	0.00000001	0.00076254
3	Yes	6	0.00000001	0.00022585
4	Yes	8	0.00000001	0.00067033
5	Yes	8	0.00000001	0.00010253
6	Yes	8	0.00000001	0.00070398
7	Yes	8	0.00000001	0.00010942
8	Yes	7	0.00000001	0.00050434
9	Yes	7	0.00000001	0.00012455
10	Yes	8	0.00000001	0.00070518
11	Yes	8	0.00000001	0.00010907
12	Yes	8	0.00000001	0.00075670
13	Yes	8	0.00000001	0.00011932
14	Yes	6	0.00000001	0.00076282
15	Yes	6	0.00000001	0.00022593
16	Yes	8	0.00000001	0.00074599
17	Yes	8	0.00000001	0.00011770
18	Yes	8	0.00000001	0.00070665
19	Yes	8	0.00000001	0.00010986
20	Yes	7	0.00000001	0.00050455
21	Yes	7	0.00000001	0.00012461
22	Yes	8	0.00000001	0.00071116
23	Yes	8	0.00000001	0.00011034
24	Yes	8	0.00000001	0.00066699
25	Yes	8	0.00000001	0.00010136
26	Yes	4	0.00000001	0.00000001
27	Yes	9	0.00000001	0.00021847
28	Yes	9	0.00000001	0.00030745
29	Yes	9	0.00000001	0.00030954
30	Yes	9	0.00000001	0.00021917
31	Yes	9	0.00000001	0.00031107
32	Yes	9	0.00000001	0.00031541
33	Yes	9	0.00000001	0.00021826
34	Yes	9	0.00000001	0.00031247
35	Yes	9	0.00000001	0.00030924
36	Yes	9	0.00000001	0.00021893
37	Yes	9	0.00000001	0.00031145

38	Yes	9	0.00000001	0.00030864
39	Yes	6	0.00000001	0.00014060
40	Yes	7	0.00000001	0.00012512
41	Yes	7	0.00000001	0.00013577
42	Yes	6	0.00000001	0.00033588
43	Yes	7	0.00000001	0.00013677
44	Yes	7	0.00000001	0.00016026
45	Yes	6	0.00000001	0.00014060
46	Yes	7	0.00000001	0.00015397
47	Yes	7	0.00000001	0.00013640
48	Yes	6	0.00000001	0.00033563
49	Yes	7	0.00000001	0.00013923
50	Yes	7	0.00000001	0.00012540

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	160 - 155	51.082	44	2.9295	0.0206
L2	155 - 150	48.022	44	2.9147	0.0187
L3	150 - 145	44.988	44	2.8822	0.0171
L4	145 - 140	41.996	44	2.8319	0.0162
L5	140 - 135.33	39.069	44	2.7604	0.0156
L6	138.663 - 133.663	38.299	44	2.7383	0.0155
L7	133.663 - 128.663	35.456	44	2.6862	0.0152
L8	128.663 - 123.663	32.688	44	2.6014	0.0140
L9	123.663 - 118.663	30.016	44	2.5034	0.0127
L10	118.663 - 113.663	27.452	44	2.3946	0.0113
L11	113.663 - 108.663	25.007	44	2.2750	0.0099
L12	108.663 - 103.663	22.692	44	2.1471	0.0087
L13	103.663 - 101	20.515	44	2.0129	0.0076
L14	101 - 100.75	19.413	44	1.9394	0.0070
L15	100.75 - 95.75	19.311	44	1.9325	0.0070
L16	95.75 - 89.833	17.362	50	1.7917	0.0060
L17	94.166 - 88.833	16.775	50	1.7466	0.0058
L18	88.833 - 83.833	14.865	50	1.6649	0.0053
L19	83.833 - 78.833	13.186	50	1.5420	0.0046
L20	78.833 - 73.833	11.637	50	1.4188	0.0040
L21	73.833 - 70	10.216	50	1.2957	0.0035
L22	70 - 69.75	9.214	50	1.2017	0.0031
L23	69.75 - 64.75	9.151	50	1.1979	0.0031
L24	64.75 - 59.75	7.937	50	1.1204	0.0028
L25	59.75 - 54.75	6.804	50	1.0437	0.0025
L26	54.75 - 49.75	5.752	50	0.9659	0.0023
L27	49.75 - 44.376	4.781	50	0.8890	0.0021
L28	49.626 - 43.376	4.758	50	0.8871	0.0020
L29	43.376 - 38.376	3.634	50	0.8209	0.0019
L30	38.376 - 33.376	2.827	50	0.7200	0.0016
L31	33.376 - 28.376	2.125	50	0.6206	0.0013
L32	28.376 - 23.376	1.527	50	0.5228	0.0011
L33	23.376 - 18.376	1.030	50	0.4268	0.0009
L34	18.376 - 13.376	0.632	50	0.3324	0.0007
L35	13.376 - 8.376	0.333	50	0.2396	0.0005
L36	8.376 - 3.376	0.130	50	0.1486	0.0003
L37	3.376 - 0	0.021	50	0.0593	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
162.00	AIR6449 B41_T-MOBILE w/ Mount Pipe	44	51.082	2.9295	0.0206	11979
149.00	(2) BSF0020F3V1	44	44.386	2.8735	0.0168	6487
132.00	(2) 80010965 w/ Mount Pipe	44	34.526	2.6625	0.0149	3601
122.00	MX08FRO665-21 w/ Mount Pipe	44	29.151	2.4686	0.0122	2684
77.00	GPS_A	50	11.101	1.3756	0.0038	2334

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	160 - 155	201.099	2	11.6009	0.0782
L2	155 - 150	189.084	2	11.5424	0.0708
L3	150 - 145	177.166	2	11.4134	0.0645
L4	145 - 140	165.414	2	11.2151	0.0612
L5	140 - 135.33	153.908	2	10.9327	0.0589
L6	138.663 - 133.663	150.884	2	10.8453	0.0584
L7	133.663 - 128.663	139.730	12	10.6391	0.0573
L8	128.663 - 123.663	128.866	12	10.3034	0.0530
L9	123.663 - 118.663	118.370	12	9.9157	0.0478
L10	118.663 - 113.663	108.292	12	9.4846	0.0424
L11	113.663 - 108.663	98.678	12	9.0107	0.0373
L12	108.663 - 103.663	89.567	12	8.5036	0.0326
L13	103.663 - 101	80.990	12	7.9716	0.0285
L14	101 - 100.75	76.649	12	7.6804	0.0264
L15	100.75 - 95.75	76.249	12	7.6529	0.0262
L16	95.75 - 89.833	68.564	12	7.0948	0.0226
L17	94.166 - 88.833	66.250	24	6.9157	0.0216
L18	88.833 - 83.833	58.715	24	6.5920	0.0198
L19	83.833 - 78.833	52.091	24	6.1045	0.0174
L20	78.833 - 73.833	45.973	24	5.6159	0.0151
L21	73.833 - 70	40.362	24	5.1280	0.0131
L22	70 - 69.75	36.404	24	4.7554	0.0117
L23	69.75 - 64.75	36.156	24	4.7404	0.0116
L24	64.75 - 59.75	31.361	24	4.4334	0.0105
L25	59.75 - 54.75	26.886	24	4.1293	0.0095
L26	54.75 - 49.75	22.729	24	3.8210	0.0086
L27	49.75 - 44.376	18.892	24	3.5165	0.0077
L28	49.626 - 43.376	18.801	24	3.5090	0.0076
L29	43.376 - 38.376	14.357	24	3.2469	0.0069
L30	38.376 - 33.376	11.170	24	2.8471	0.0059
L31	33.376 - 28.376	8.396	24	2.4537	0.0050
L32	28.376 - 23.376	6.031	24	2.0668	0.0041
L33	23.376 - 18.376	4.067	24	1.6866	0.0032
L34	18.376 - 13.376	2.497	24	1.3132	0.0025
L35	13.376 - 8.376	1.315	24	0.9467	0.0017
L36	8.376 - 3.376	0.512	24	0.5871	0.0011
L37	3.376 - 0	0.083	24	0.2343	0.0004

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
162.00	AIR6449 B41_T-MOBILE w/ Mount Pipe	2	201.099	11.6009	0.0782	3259
149.00	(2) BSF0020F3V1	2	174.800	11.3793	0.0636	1763
132.00	(2) 80010965 w/ Mount Pipe	12	136.080	10.5455	0.0562	968
122.00	MX08FRO665-21 w/ Mount Pipe	12	114.969	9.7779	0.0460	716
77.00	GPS_A	24	43.857	5.4450	0.0144	600

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	160 - 155 (1)	TP18.9019x18x0.1875	5.00	0.00	0.0	11.1374	-4.36	651.54	0.007
L2	155 - 150 (2)	TP19.8038x18.9019x0.1875	5.00	0.00	0.0	11.6742	-4.60	682.94	0.007
L3	150 - 145 (3)	TP20.7057x19.8038x0.1875	5.00	0.00	0.0	12.2109	-7.90	714.34	0.011
L4	145 - 140 (4)	TP21.6076x20.7057x0.1875	5.00	0.00	0.0	12.7476	-8.24	745.74	0.011
L5	140 - 135.33 (5)	TP22.45x21.6076x0.1875	4.67	0.00	0.0	12.8912	-8.33	754.13	0.011
L6	135.33 - 133.663 (6)	TP22.3632x21.4738x0.25	5.00	0.00	0.0	17.5468	-8.93	1026.49	0.009
L7	133.663 - 128.663 (7)	TP23.2527x22.3632x0.25	5.00	0.00	0.0	18.2526	-12.64	1067.78	0.012
L8	128.663 - 123.663 (8)	TP24.1421x23.2527x0.25	5.00	0.00	0.0	18.9584	-13.20	1109.06	0.012
L9	123.663 - 118.663 (9)	TP25.0315x24.1421x0.25	5.00	0.00	0.0	19.6641	-16.31	1150.35	0.014
L10	118.663 - 113.663 (10)	TP25.921x25.0315x0.25	5.00	0.00	0.0	20.3699	-16.99	1191.64	0.014
L11	113.663 - 108.663 (11)	TP26.8104x25.921x0.25	5.00	0.00	0.0	21.0757	-17.70	1232.93	0.014
L12	108.663 - 103.663 (12)	TP27.6998x26.8104x0.25	5.00	0.00	0.0	21.7814	-18.44	1274.21	0.014
L13	103.663 - 101 (13)	TP28.1735x27.6998x0.25	2.66	0.00	0.0	22.1573	-18.84	1296.20	0.015
L14	101 - 100.75 (14)	TP28.218x28.1735x0.25	0.25	0.00	0.0	22.1926	-18.90	1298.27	0.015
L15	100.75 - 95.75 (15)	TP29.1074x28.218x0.25	5.00	0.00	0.0	22.8984	-19.67	1339.56	0.015
L16	95.75 - 89.833 (16)	TP30.16x29.1074x0.25	5.92	0.00	0.0	23.1220	-19.91	1352.64	0.015
L17	89.833 - 88.833 (17)	TP29.8372x28.8892x0.3125	5.33	0.00	0.0	29.2848	-21.21	1713.16	0.012
L18	88.833 - 83.833 (18)	TP30.726x29.8372x0.3125	5.00	0.00	0.0	30.1664	-22.13	1764.74	0.013
L19	83.833 - 78.833 (19)	TP31.6148x30.726x0.3125	5.00	0.00	0.0	31.0480	-23.07	1816.31	0.013
L20	78.833 - 73.833 (20)	TP32.5037x31.6148x0.3125	5.00	0.00	0.0	31.9296	-24.11	1867.88	0.013
L21	73.833 - 70 (21)	TP33.185x32.5037x0.3125	3.83	0.00	0.0	32.6054	-24.85	1907.42	0.013
L22	70 - 69.75 (22)	TP33.2295x33.185x0.5125	0.25	0.00	0.0	53.2199	-24.94	3113.36	0.008
L23	69.75 - 64.75 (23)	TP34.1183x33.2295x0.5	5.00	0.00	0.0	53.3522	-26.23	3121.10	0.008
L24	64.75 - 59.75	TP35.0071x34.1183x0.5	5.00	0.00	0.0	54.7627	-27.54	3203.62	0.009

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
	(24)								
L25	59.75 - 54.75 (25)	TP35.8959x35.0071x0.4875	5.00	0.00	0.0	54.7883	-28.89	3205.12	0.009
L26	54.75 - 49.75 (26)	TP36.7847x35.8959x0.4875	5.00	0.00	0.0	56.1636	-30.25	3285.57	0.009
L27	49.75 - 44.376 (27)	TP37.74x36.7847x0.4875	5.37	0.00	0.0	56.1977	-30.29	3287.56	0.009
L28	44.376 - 43.376 (28)	TP37.2923x36.1817x0.375	6.25	0.00	0.0	43.9409	-32.85	2570.54	0.013
L29	43.376 - 38.376 (29)	TP38.1808x37.2923x0.375	5.00	0.00	0.0	44.9984	-34.08	2632.40	0.013
L30	38.376 - 33.376 (30)	TP39.0693x38.1808x0.375	5.00	0.00	0.0	46.0559	-35.33	2694.27	0.013
L31	33.376 - 28.376 (31)	TP39.9577x39.0693x0.375	5.00	0.00	0.0	47.1134	-36.61	2756.13	0.013
L32	28.376 - 23.376 (32)	TP40.8462x39.9577x0.375	5.00	0.00	0.0	48.1709	-37.90	2818.00	0.013
L33	23.376 - 18.376 (33)	TP41.7347x40.8462x0.375	5.00	0.00	0.0	49.2284	-39.22	2879.86	0.014
L34	18.376 - 13.376 (34)	TP42.6232x41.7347x0.375	5.00	0.00	0.0	50.2859	-40.57	2941.72	0.014
L35	13.376 - 8.376 (35)	TP43.5116x42.6232x0.375	5.00	0.00	0.0	51.3434	-41.93	3003.59	0.014
L36	8.376 - 3.376 (36)	TP44.4001x43.5116x0.375	5.00	0.00	0.0	52.4009	-43.32	3065.45	0.014
L37	3.376 - 0 (37)	TP45x44.4001x0.375	3.38	0.00	0.0	53.1149	-44.26	3107.22	0.014

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	160 - 155 (1)	TP18.9019x18x0.1875	33.46	313.96	0.107	0.00	313.96	0.000
L2	155 - 150 (2)	TP19.8038x18.9019x0.1875	63.38	340.90	0.186	0.00	340.90	0.000
L3	150 - 145 (3)	TP20.7057x19.8038x0.1875	111.10	368.51	0.301	0.00	368.51	0.000
L4	145 - 140 (4)	TP21.6076x20.7057x0.1875	165.46	396.75	0.417	0.00	396.75	0.000
L5	140 - 135.33 (5)	TP22.45x21.6076x0.1875	180.26	404.40	0.446	0.00	404.40	0.000
L6	135.33 - 133.663 (6)	TP22.3632x21.4738x0.25	236.79	590.77	0.401	0.00	590.77	0.000
L7	133.663 - 128.663 (7)	TP23.2527x22.3632x0.25	312.28	639.53	0.488	0.00	639.53	0.000
L8	128.663 - 123.663 (8)	TP24.1421x23.2527x0.25	393.73	689.34	0.571	0.00	689.34	0.000
L9	123.663 - 118.663 (9)	TP25.0315x24.1421x0.25	486.91	735.27	0.662	0.00	735.27	0.000
L10	118.663 - 113.663 (10)	TP25.921x25.0315x0.25	586.62	782.16	0.750	0.00	782.16	0.000
L11	113.663 - 108.663 (11)	TP26.8104x25.921x0.25	687.72	829.95	0.829	0.00	829.95	0.000
L12	108.663 - 103.663 (12)	TP27.6998x26.8104x0.25	790.17	878.59	0.899	0.00	878.59	0.000
L13	103.663 - 101 (13)	TP28.1735x27.6998x0.25	845.27	904.83	0.934	0.00	904.83	0.000
L14	101 - 100.75 (14)	TP28.218x28.1735x0.25	850.47	907.31	0.937	0.00	907.31	0.000
L15	100.75 - 95.75 (15)	TP29.1074x28.218x0.25	954.96	957.19	0.998	0.00	957.19	0.000

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L16	95.75 - 89.833 (16)	TP30.16x29.1074x0.25	988.33	973.15	1.016	0.00	973.15	0.000
L17	89.833 - 88.833 (17)	TP29.8372x28.8892x0.3125	1102.04	1317.38	0.837	0.00	1317.38	0.000
L18	88.833 - 83.833 (18)	TP30.726x29.8372x0.3125	1210.34	1390.38	0.871	0.00	1390.38	0.000
L19	83.833 - 78.833 (19)	TP31.6148x30.726x0.3125	1319.99	1462.69	0.902	0.00	1462.69	0.000
L20	78.833 - 73.833 (20)	TP32.5037x31.6148x0.3125	1431.28	1536.17	0.932	0.00	1536.17	0.000
L21	73.833 - 70 (21)	TP33.185x32.5037x0.3125	1517.43	1593.28	0.952	0.00	1593.28	0.000
L22	70 - 69.75 (22)	TP33.2295x33.185x0.5125	1523.08	2639.67	0.577	0.00	2639.67	0.000
L23	69.75 - 64.75 (23)	TP34.1183x33.2295x0.5	1636.91	2721.25	0.602	0.00	2721.25	0.000
L24	64.75 - 59.75 (24)	TP35.0071x34.1183x0.5	1752.47	2868.12	0.611	0.00	2868.12	0.000
L25	59.75 - 54.75 (25)	TP35.8959x35.0071x0.4875	1869.73	2946.51	0.635	0.00	2946.51	0.000
L26	54.75 - 49.75 (26)	TP36.7847x35.8959x0.4875	1988.62	3097.32	0.642	0.00	3097.32	0.000
L27	49.75 - 44.376 (27)	TP37.74x36.7847x0.4875	1991.60	3101.11	0.642	0.00	3101.11	0.000
L28	44.376 - 43.376 (28)	TP37.2923x36.1817x0.375	2142.97	2451.66	0.874	0.00	2451.66	0.000
L29	43.376 - 38.376 (29)	TP38.1808x37.2923x0.375	2265.78	2556.28	0.886	0.00	2556.28	0.000
L30	38.376 - 33.376 (30)	TP39.0693x38.1808x0.375	2389.65	2662.31	0.898	0.00	2662.31	0.000
L31	33.376 - 28.376 (31)	TP39.9577x39.0693x0.375	2514.55	2769.67	0.908	0.00	2769.67	0.000
L32	28.376 - 23.376 (32)	TP40.8462x39.9577x0.375	2640.38	2878.32	0.917	0.00	2878.32	0.000
L33	23.376 - 18.376 (33)	TP41.7347x40.8462x0.375	2767.03	2988.22	0.926	0.00	2988.22	0.000
L34	18.376 - 13.376 (34)	TP42.6232x41.7347x0.375	2894.39	3099.32	0.934	0.00	3099.32	0.000
L35	13.376 - 8.376 (35)	TP43.5116x42.6232x0.375	3022.38	3211.54	0.941	0.00	3211.54	0.000
L36	8.376 - 3.376 (36)	TP44.4001x43.5116x0.375	3150.99	3324.85	0.948	0.00	3324.85	0.000
L37	3.376 - 0 (37)	TP45x44.4001x0.375	3238.17	3401.95	0.952	0.00	3401.95	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	160 - 155 (1)	TP18.9019x18x0.1875	5.83	195.46	0.030	1.81	320.35	0.006
L2	155 - 150 (2)	TP19.8038x18.9019x0.1875	6.14	204.88	0.030	1.81	351.96	0.005
L3	150 - 145 (3)	TP20.7057x19.8038x0.1875	10.72	214.30	0.050	1.55	385.07	0.004
L4	145 - 140 (4)	TP21.6076x20.7057x0.1875	11.03	223.72	0.049	1.55	419.67	0.004
L5	140 - 135.33 (5)	TP22.45x21.6076x0.1875	11.12	226.24	0.049	1.55	429.17	0.004
L6	135.33 - 133.663 (6)	TP22.3632x21.4738x0.25	11.50	307.95	0.037	1.55	596.36	0.003
L7	133.663 - 128.663 (7)	TP23.2527x22.3632x0.25	16.12	320.33	0.050	3.21	645.30	0.005

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L8	128.663 - 123.663 (8)	TP24.1421x23.2527x0.25	16.51	332.72	0.050	3.67	696.16	0.005
L9	123.663 - 118.663 (9)	TP25.0315x24.1421x0.25	19.82	345.11	0.057	4.53	748.96	0.006
L10	118.663 - 113.663 (10)	TP25.921x25.0315x0.25	20.10	357.49	0.056	4.52	803.69	0.006
L11	113.663 - 108.663 (11)	TP26.8104x25.921x0.25	20.38	369.88	0.055	4.51	860.35	0.005
L12	108.663 - 103.663 (12)	TP27.6998x26.8104x0.25	20.64	382.26	0.054	4.50	918.93	0.005
L13	103.663 - 101 (13)	TP28.1735x27.6998x0.25	20.79	388.86	0.053	4.50	950.92	0.005
L14	101 - 100.75 (14)	TP28.218x28.1735x0.25	20.79	389.48	0.053	4.49	953.95	0.005
L15	100.75 - 95.75 (15)	TP29.1074x28.218x0.25	21.05	401.87	0.052	4.49	1015.59	0.004
L16	95.75 - 89.833 (16)	TP30.16x29.1074x0.25	21.14	405.79	0.052	4.48	1035.53	0.004
L17	89.833 - 88.833 (17)	TP29.8372x28.8892x0.3125	21.54	513.95	0.042	4.48	1328.88	0.003
L18	88.833 - 83.833 (18)	TP30.726x29.8372x0.3125	21.81	529.42	0.041	4.47	1410.09	0.003
L19	83.833 - 78.833 (19)	TP31.6148x30.726x0.3125	22.08	544.89	0.041	4.46	1493.72	0.003
L20	78.833 - 73.833 (20)	TP32.5037x31.6148x0.3125	22.41	560.37	0.040	4.36	1579.75	0.003
L21	73.833 - 70 (21)	TP33.185x32.5037x0.3125	22.60	572.23	0.040	4.36	1647.33	0.003
L22	70 - 69.75 (22)	TP33.2295x33.185x0.5125	22.61	934.01	0.024	4.35	2676.11	0.002
L23	69.75 - 64.75 (23)	TP34.1183x33.2295x0.5	22.96	936.33	0.025	4.35	2756.67	0.002
L24	64.75 - 59.75 (24)	TP35.0071x34.1183x0.5	23.30	961.09	0.024	4.35	2904.36	0.001
L25	59.75 - 54.75 (25)	TP35.8959x35.0071x0.4875	23.64	961.53	0.025	4.34	2981.61	0.001
L26	54.75 - 49.75 (26)	TP36.7847x35.8959x0.4875	23.96	985.67	0.024	4.34	3133.18	0.001
L27	49.75 - 44.376 (27)	TP37.74x36.7847x0.4875	23.97	986.27	0.024	4.34	3136.98	0.001
L28	44.376 - 43.376 (28)	TP37.2923x36.1817x0.375	24.48	771.16	0.032	4.34	2493.19	0.002
L29	43.376 - 38.376 (29)	TP38.1808x37.2923x0.375	24.70	789.72	0.031	4.34	2614.64	0.002
L30	38.376 - 33.376 (30)	TP39.0693x38.1808x0.375	24.91	808.28	0.031	4.33	2738.98	0.002
L31	33.376 - 28.376 (31)	TP39.9577x39.0693x0.375	25.10	826.84	0.030	4.33	2866.21	0.002
L32	28.376 - 23.376 (32)	TP40.8462x39.9577x0.375	25.27	845.40	0.030	4.33	2996.32	0.001
L33	23.376 - 18.376 (33)	TP41.7347x40.8462x0.375	25.43	863.96	0.029	4.33	3129.32	0.001
L34	18.376 - 13.376 (34)	TP42.6232x41.7347x0.375	25.56	882.52	0.029	4.32	3265.21	0.001
L35	13.376 - 8.376 (35)	TP43.5116x42.6232x0.375	25.68	901.08	0.029	4.32	3403.98	0.001
L36	8.376 - 3.376 (36)	TP44.4001x43.5116x0.375	25.80	919.63	0.028	4.32	3545.65	0.001
L37	3.376 - 0 (37)	TP45x44.4001x0.375	25.89	932.17	0.028	4.32	3642.94	0.001

Pole Interaction Design Data

Section No.	Elevation ft	Ratio P_u / ϕP_n	Ratio M_{ux} / ϕM_{nx}	Ratio M_{uy} / ϕM_{ny}	Ratio V_u / ϕV_n	Ratio T_u / ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	160 - 155 (1)	0.007	0.107	0.000	0.030	0.006	0.115	1.050	
L2	155 - 150 (2)	0.007	0.186	0.000	0.030	0.005	0.194	1.050	
L3	150 - 145 (3)	0.011	0.301	0.000	0.050	0.004	0.315	1.050	
L4	145 - 140 (4)	0.011	0.417	0.000	0.049	0.004	0.431	1.050	
L5	140 - 135.33 (5)	0.011	0.446	0.000	0.049	0.004	0.460	1.050	
L6	135.33 - 133.663 (6)	0.009	0.401	0.000	0.037	0.003	0.411	1.050	
L7	133.663 - 128.663 (7)	0.012	0.488	0.000	0.050	0.005	0.503	1.050	
L8	128.663 - 123.663 (8)	0.012	0.571	0.000	0.050	0.005	0.586	1.050	
L9	123.663 - 118.663 (9)	0.014	0.662	0.000	0.057	0.006	0.680	1.050	
L10	118.663 - 113.663 (10)	0.014	0.750	0.000	0.056	0.006	0.768	1.050	
L11	113.663 - 108.663 (11)	0.014	0.829	0.000	0.055	0.005	0.847	1.050	
L12	108.663 - 103.663 (12)	0.014	0.899	0.000	0.054	0.005	0.917	1.050	
L13	103.663 - 101 (13)	0.015	0.934	0.000	0.053	0.005	0.952	1.050	
L14	101 - 100.75 (14)	0.015	0.937	0.000	0.053	0.005	0.955	1.050	
L15	100.75 - 95.75 (15)	0.015	0.998	0.000	0.052	0.004	1.016	1.050	
L16	95.75 - 89.833 (16)	0.015	1.016	0.000	0.052	0.004	1.033	1.050	
L17	89.833 - 88.833 (17)	0.012	0.837	0.000	0.042	0.003	0.851	1.050	
L18	88.833 - 83.833 (18)	0.013	0.871	0.000	0.041	0.003	0.885	1.050	
L19	83.833 - 78.833 (19)	0.013	0.902	0.000	0.041	0.003	0.917	1.050	
L20	78.833 - 73.833 (20)	0.013	0.932	0.000	0.040	0.003	0.946	1.050	
L21	73.833 - 70 (21)	0.013	0.952	0.000	0.040	0.003	0.967	1.050	
L22	70 - 69.75 (22)	0.008	0.577	0.000	0.024	0.002	0.586	1.050	
L23	69.75 - 64.75 (23)	0.008	0.602	0.000	0.025	0.002	0.611	1.050	
L24	64.75 - 59.75 (24)	0.009	0.611	0.000	0.024	0.001	0.620	1.050	
L25	59.75 - 54.75 (25)	0.009	0.635	0.000	0.025	0.001	0.644	1.050	
L26	54.75 - 49.75 (26)	0.009	0.642	0.000	0.024	0.001	0.652	1.050	
L27	49.75 - 44.376 (27)	0.009	0.642	0.000	0.024	0.001	0.652	1.050	
L28	44.376 - 43.376 (28)	0.013	0.874	0.000	0.032	0.002	0.888	1.050	
L29	43.376 - 38.376 (29)	0.013	0.886	0.000	0.031	0.002	0.900	1.050	
L30	38.376 - 33.376 (30)	0.013	0.898	0.000	0.031	0.002	0.912	1.050	
L31	33.376 - 28.376 (31)	0.013	0.908	0.000	0.030	0.002	0.922	1.050	
L32	28.376 -	0.013	0.917	0.000	0.030	0.001	0.932	1.050	

Section No.	Elevation ft	Ratio P_u / ϕP_n	Ratio M_{ux} / ϕM_{nx}	Ratio M_{uy} / ϕM_{ny}	Ratio V_u / ϕV_n	Ratio T_u / ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L33	23.376 (32) 23.376 - 18.376 (33)	0.014	0.926	0.000	0.029	0.001	0.941	1.050	
L34	18.376 - 13.376 (34)	0.014	0.934	0.000	0.029	0.001	0.949	1.050	
L35	13.376 - 8.376 (35)	0.014	0.941	0.000	0.029	0.001	0.956	1.050	
L36	8.376 - 3.376 (36)	0.014	0.948	0.000	0.028	0.001	0.963	1.050	
L37	3.376 - 0 (37)	0.014	0.952	0.000	0.028	0.001	0.967	1.050	

Section Capacity Table

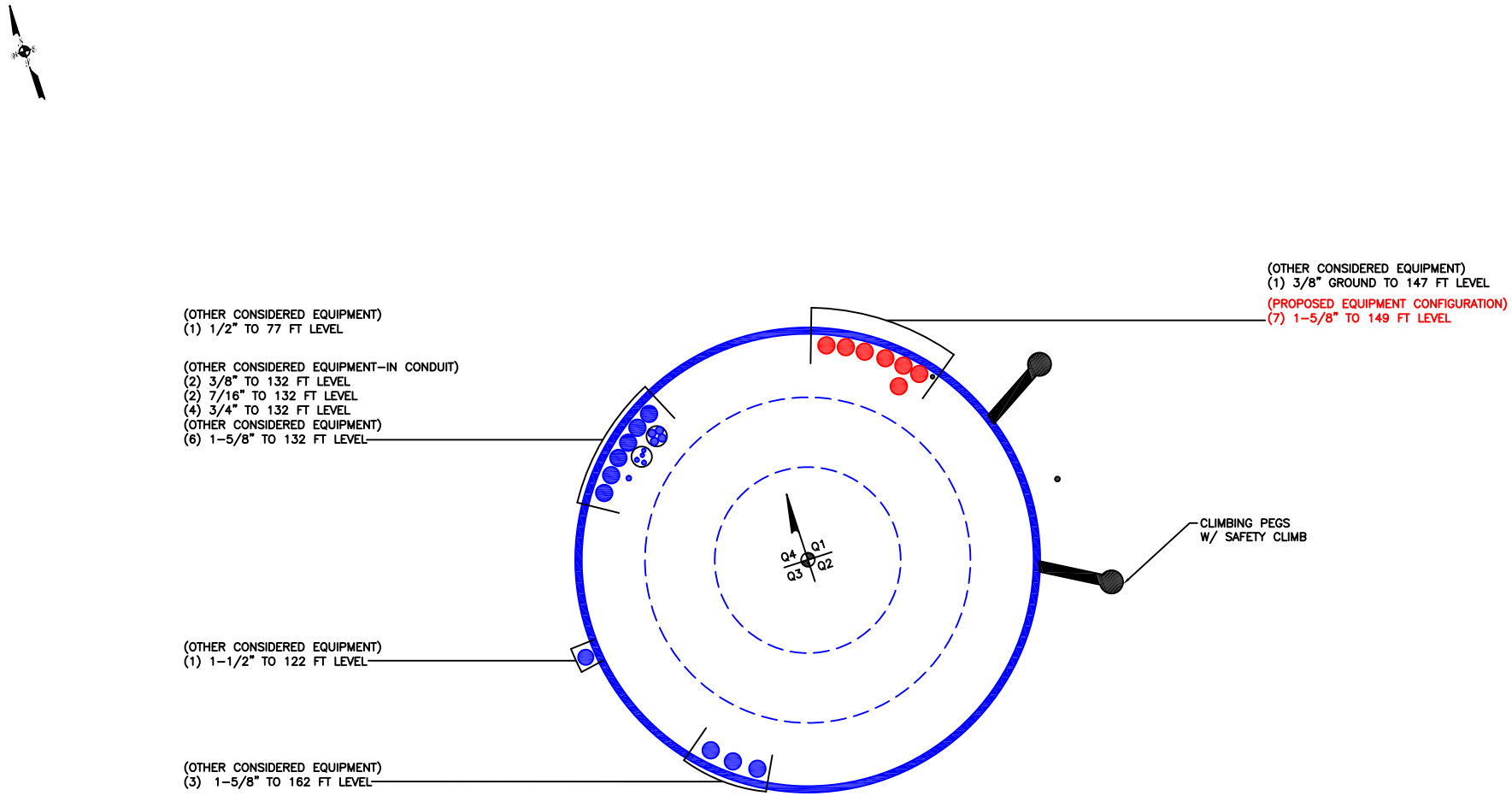
Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	160 - 155	Pole	TP18.9019x18x0.1875	1	-4.36	684.11	10.9	Pass
L2	155 - 150	Pole	TP19.8038x18.9019x0.1875	2	-4.60	717.08	18.5	Pass
L3	150 - 145	Pole	TP20.7057x19.8038x0.1875	3	-7.90	750.05	30.0	Pass
L4	145 - 140	Pole	TP21.6076x20.7057x0.1875	4	-8.24	783.02	41.0	Pass
L5	140 - 135.33	Pole	TP22.45x21.6076x0.1875	5	-8.33	791.84	43.8	Pass
L6	135.33 - 133.663	Pole	TP22.3632x21.4738x0.25	6	-8.93	1077.81	39.2	Pass
L7	133.663 - 128.663	Pole	TP23.2527x22.3632x0.25	7	-12.64	1121.17	47.9	Pass
L8	128.663 - 123.663	Pole	TP24.1421x23.2527x0.25	8	-13.20	1164.51	55.8	Pass
L9	123.663 - 118.663	Pole	TP25.0315x24.1421x0.25	9	-16.31	1207.87	64.8	Pass
L10	118.663 - 113.663	Pole	TP25.921x25.0315x0.25	10	-16.99	1251.22	73.2	Pass
L11	113.663 - 108.663	Pole	TP26.8104x25.921x0.25	11	-17.70	1294.58	80.6	Pass
L12	108.663 - 103.663	Pole	TP27.6998x26.8104x0.25	12	-18.44	1337.92	87.4	Pass
L13	103.663 - 101	Pole	TP28.1735x27.6998x0.25	13	-18.84	1361.01	90.7	Pass
L14	101 - 100.75	Pole	TP28.218x28.1735x0.25	14	-18.90	1363.18	91.0	Pass
L15	100.75 - 95.75	Pole	TP29.1074x28.218x0.25	15	-19.67	1406.54	96.7	Pass
L16	95.75 - 89.833	Pole	TP30.16x29.1074x0.25	16	-19.91	1420.27	98.4	Pass
L17	89.833 - 88.833	Pole	TP29.8372x28.8892x0.3125	17	-21.21	1798.82	81.0	Pass
L18	88.833 - 83.833	Pole	TP30.726x29.8372x0.3125	18	-22.13	1852.98	84.3	Pass
L19	83.833 - 78.833	Pole	TP31.6148x30.726x0.3125	19	-23.07	1907.13	87.3	Pass
L20	78.833 - 73.833	Pole	TP32.5037x31.6148x0.3125	20	-24.11	1961.27	90.1	Pass
L21	73.833 - 70	Pole	TP33.185x32.5037x0.3125	21	-24.85	2002.79	92.1	Pass
L22	70 - 69.75	Pole	TP33.2295x33.185x0.5125	22	-24.94	3269.03	55.8	Pass
L23	69.75 - 64.75	Pole	TP34.1183x33.2295x0.5	23	-26.23	3277.15	58.2	Pass
L24	64.75 - 59.75	Pole	TP35.0071x34.1183x0.5	24	-27.54	3363.80	59.1	Pass
L25	59.75 - 54.75	Pole	TP35.8959x35.0071x0.4875	25	-28.89	3365.38	61.4	Pass
L26	54.75 - 49.75	Pole	TP36.7847x35.8959x0.4875	26	-30.25	3449.85	62.1	Pass
L27	49.75 - 44.376	Pole	TP37.74x36.7847x0.4875	27	-30.29	3451.94	62.1	Pass
L28	44.376 - 43.376	Pole	TP37.2923x36.1817x0.375	28	-32.85	2699.07	84.6	Pass
L29	43.376 - 38.376	Pole	TP38.1808x37.2923x0.375	29	-34.08	2764.02	85.8	Pass
L30	38.376 - 33.376	Pole	TP39.0693x38.1808x0.375	30	-35.33	2828.98	86.8	Pass
L31	33.376 - 28.376	Pole	TP39.9577x39.0693x0.375	31	-36.61	2893.94	87.8	Pass
L32	28.376 - 23.376	Pole	TP40.8462x39.9577x0.375	32	-37.90	2958.90	88.7	Pass
L33	23.376 - 18.376	Pole	TP41.7347x40.8462x0.375	33	-39.22	3023.85	89.6	Pass
L34	18.376 - 13.376	Pole	TP42.6232x41.7347x0.375	34	-40.57	3088.81	90.3	Pass

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L35	13.376 - 8.376	Pole	TP43.5116x42.6232x0.375	35	-41.93	3153.77	91.0	Pass
L36	8.376 - 3.376	Pole	TP44.4001x43.5116x0.375	36	-43.32	3218.72	91.7	Pass
L37	3.376 - 0	Pole	TP45x44.4001x0.375	37	-44.26	3262.58	92.1	Pass
							Summary	
						Pole (L16)	98.4	Pass
						RATING =	**98.4**	**Pass**

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

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 77 FT LEVEL
(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(2) 3/8" TO 132 FT LEVEL
(2) 7/16" TO 132 FT LEVEL
(4) 3/4" TO 132 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(6) 1-5/8" TO 132 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 122 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(3) 1-5/8" TO 162 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 3/8" GROUND TO 147 FT LEVEL
(PROPOSED EQUIPMENT CONFIGURATION)
(7) 1-5/8" TO 149 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB
Q1
Q2
Q3
Q4

APPENDIX C

ADDITIONAL CALCULATIONS

CCIpole

per TIA-222- H

Site BU: 876397

Work Order: 2278583

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	160	24.67	3.333	18	18	22.45	0.1875	Auto	A572-65
2	138.663	48.83	4.333	18	21.47	30.16	0.25	Auto	A572-65
3	94.166	49.79	5.25	18	28.89	37.74	0.3125	Auto	A572-65
4	49.626	49.626	0	18	36.18	45	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	49	70	plate	MS-600 (1.1875")	3				x						x						x		
2	94	101	plate	MS-450 (1.1875")	3				x						x						x		
3																							
4																							
5																							
6																							
7																							
8																							
9																							
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	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.375	4.750	1.1875	A572-65
2	4.5	1	4.5	0.5	PC 8.8 - M20 (100)	18	PC 8.8 - M20 (100)	18.000	20.625	3.250	1.1875	A572-65

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	160 - 155	5		18	18.000	18.902	0.1875	A572-65	1.000
2	155 - 150	5		18	18.902	19.804	0.1875	A572-65	1.000
3	150 - 145	5		18	19.804	20.706	0.1875	A572-65	1.000
4	145 - 140	5		18	20.706	21.608	0.1875	A572-65	1.000
5	140 - 138.663	4.67	3.333	18	21.608	22.450	0.1875	A572-65	1.000
6	138.663 - 133.663	5		18	21.474	22.363	0.25	A572-65	1.000
7	133.663 - 128.663	5		18	22.363	23.253	0.25	A572-65	1.000
8	128.663 - 123.663	5		18	23.253	24.142	0.25	A572-65	1.000
9	123.663 - 118.663	5		18	24.142	25.032	0.25	A572-65	1.000
10	118.663 - 113.663	5		18	25.032	25.921	0.25	A572-65	1.000
11	113.663 - 108.663	5		18	25.921	26.810	0.25	A572-65	1.000
12	108.663 - 103.663	5		18	26.810	27.700	0.25	A572-65	1.000
13	103.663 - 101	2.663		18	27.700	28.174	0.25	A572-65	1.000
14	101 - 100.75	0.25		18	28.174	28.218	0.25	A572-65	1.000
15	100.75 - 95.75	5		18	28.218	29.107	0.25	A572-65	1.000
16	95.75 - 94.166	5.917	4.333	18	29.107	30.160	0.25	A572-65	1.000
17	94.166 - 88.833	5.333		18	28.889	29.837	0.3125	A572-65	1.000
18	88.833 - 83.833	5		18	29.837	30.726	0.3125	A572-65	1.000
19	83.833 - 78.833	5		18	30.726	31.615	0.3125	A572-65	1.000
20	78.833 - 73.833	5		18	31.615	32.504	0.3125	A572-65	1.000
21	73.833 - 70	3.833		18	32.504	33.185	0.3125	A572-65	1.000
22	70 - 69.75	0.25		18	33.185	33.229	0.5125	A572-65	0.952
23	69.75 - 64.75	5		18	33.229	34.118	0.5	A572-65	0.966
24	64.75 - 59.75	5		18	34.118	35.007	0.5	A572-65	0.957
25	59.75 - 54.75	5		18	35.007	35.896	0.4875	A572-65	0.973
26	54.75 - 49.75	5		18	35.896	36.785	0.4875	A572-65	0.965
27	49.75 - 49.626	5.374	5.25	18	36.785	37.740	0.4875	A572-65	0.964
28	49.626 - 43.376	6.25		18	36.182	37.292	0.375	A572-65	1.000
29	43.376 - 38.376	5		18	37.292	38.181	0.375	A572-65	1.000
30	38.376 - 33.376	5		18	38.181	39.069	0.375	A572-65	1.000
31	33.376 - 28.376	5		18	39.069	39.958	0.375	A572-65	1.000
32	28.376 - 23.376	5		18	39.958	40.846	0.375	A572-65	1.000
33	23.376 - 18.376	5		18	40.846	41.735	0.375	A572-65	1.000
34	18.376 - 13.376	5		18	41.735	42.623	0.375	A572-65	1.000
35	13.376 - 8.376	5		18	42.623	43.512	0.375	A572-65	1.000
36	8.376 - 3.376	5		18	43.512	44.400	0.375	A572-65	1.000
37	3.376 - 0	3.376		18	44.400	45.000	0.375	A572-65	1.000

TNX Section Forces

Increment (ft):	5	TNX Output		
	Section Height (ft)	P_u (K)	M_{ux} (kip-ft)	V_u (K)
1	160 - 155	4.36	33.46	5.83
2	155 - 150	4.60	63.38	6.14
3	150 - 145	7.90	111.13	10.72
4	145 - 140	8.23	165.47	11.03
5	140 - 138.663	8.33	180.26	11.11
6	138.663 - 133.663	8.93	236.79	11.50
7	133.663 - 128.663	12.62	312.43	16.18
8	128.663 - 123.663	13.21	394.08	16.50
9	123.663 - 118.663	16.31	487.19	19.79
10	118.663 - 113.663	16.99	586.77	20.07
11	113.663 - 108.663	17.71	687.73	20.35
12	108.663 - 103.663	18.44	790.17	20.64
13	103.663 - 101	18.84	845.27	20.79
14	101 - 100.75	18.90	850.47	20.79
15	100.75 - 95.75	19.67	954.96	21.05
16	95.75 - 94.166	19.91	988.32	21.14
17	94.166 - 88.833	21.21	1102.04	21.54
18	88.833 - 83.833	22.13	1210.34	21.81
19	83.833 - 78.833	23.07	1319.99	22.08
20	78.833 - 73.833	24.11	1431.28	22.41
21	73.833 - 70	24.85	1517.43	22.60
22	70 - 69.75	24.94	1523.08	22.61
23	69.75 - 64.75	26.23	1636.91	22.96
24	64.75 - 59.75	27.54	1752.48	23.30
25	59.75 - 54.75	28.89	1869.73	23.64
26	54.75 - 49.75	30.25	1988.63	23.96
27	49.75 - 49.626	30.29	1991.60	23.97
28	49.626 - 43.376	32.85	2142.97	24.48
29	43.376 - 38.376	34.08	2265.78	24.70
30	38.376 - 33.376	35.33	2389.65	24.91
31	33.376 - 28.376	36.61	2514.55	25.10
32	28.376 - 23.376	37.90	2640.38	25.27
33	23.376 - 18.376	39.22	2767.03	25.43
34	18.376 - 13.376	40.57	2894.39	25.56
35	13.376 - 8.376	41.93	3022.39	25.68
36	8.376 - 3.376	43.32	3150.99	25.80
37	3.376 - 0	44.26	3238.17	25.89

Analysis Results

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
160 - 155	Pole	TP18.902x18x0.1875	Pole	10.9%	Pass
155 - 150	Pole	TP19.804x18.902x0.1875	Pole	18.4%	Pass
150 - 145	Pole	TP20.706x19.804x0.1875	Pole	30.0%	Pass
145 - 140	Pole	TP21.608x20.706x0.1875	Pole	41.0%	Pass
140 - 138.66	Pole	TP22.45x21.608x0.1875	Pole	43.7%	Pass
138.66 - 133.66	Pole	TP22.363x21.474x0.25	Pole	39.1%	Pass
133.66 - 128.66	Pole	TP23.253x22.363x0.25	Pole	47.9%	Pass
128.66 - 123.66	Pole	TP24.142x23.253x0.25	Pole	55.8%	Pass
123.66 - 118.66	Pole	TP25.032x24.142x0.25	Pole	64.8%	Pass
118.66 - 113.66	Pole	TP25.921x25.032x0.25	Pole	73.1%	Pass
113.66 - 108.66	Pole	TP26.81x25.921x0.25	Pole	80.6%	Pass
108.66 - 103.66	Pole	TP27.7x26.81x0.25	Pole	87.3%	Pass
103.66 - 101	Pole	TP28.174x27.7x0.25	Pole	90.6%	Pass
101 - 100.75	Pole	TP28.218x28.174x0.25	Pole	90.9%	Pass
100.75 - 95.75	Pole	TP29.107x28.218x0.25	Pole	96.7%	Pass
95.75 - 94.17	Pole	TP30.16x29.107x0.25	Pole	98.4%	Pass
94.17 - 88.83	Pole	TP29.837x28.889x0.3125	Pole	81.0%	Pass
88.83 - 83.83	Pole	TP30.726x29.837x0.3125	Pole	84.3%	Pass
83.83 - 78.83	Pole	TP31.615x30.726x0.3125	Pole	87.3%	Pass
78.83 - 73.83	Pole	TP32.504x31.615x0.3125	Pole	90.1%	Pass
73.83 - 70	Pole	TP33.185x32.504x0.3125	Pole	92.1%	Pass
70 - 69.75	Pole + Reinf.	TP33.229x33.185x0.5125	Reinf. 1 Tension Rupture	88.8%	Pass
69.75 - 64.75	Pole + Reinf.	TP34.118x33.229x0.5	Reinf. 1 Tension Rupture	91.4%	Pass
64.75 - 59.75	Pole + Reinf.	TP35.007x34.118x0.5	Reinf. 1 Tension Rupture	93.8%	Pass
59.75 - 54.75	Pole + Reinf.	TP35.896x35.007x0.4875	Reinf. 1 Tension Rupture	96.0%	Pass
54.75 - 49.75	Pole + Reinf.	TP36.785x35.896x0.4875	Reinf. 1 Tension Rupture	98.0%	Pass
49.75 - 49.63	Pole + Reinf.	TP37.74x36.785x0.4875	Reinf. 1 Tension Rupture	98.1%	Pass
49.63 - 43.38	Pole	TP37.292x36.182x0.375	Pole	84.6%	Pass
43.38 - 38.38	Pole	TP38.181x37.292x0.375	Pole	85.7%	Pass
38.38 - 33.38	Pole	TP39.069x38.181x0.375	Pole	86.8%	Pass
33.38 - 28.38	Pole	TP39.958x39.069x0.375	Pole	87.8%	Pass
28.38 - 23.38	Pole	TP40.846x39.958x0.375	Pole	88.7%	Pass
23.38 - 18.38	Pole	TP41.735x40.846x0.375	Pole	89.6%	Pass
18.38 - 13.38	Pole	TP42.623x41.735x0.375	Pole	90.3%	Pass
13.38 - 8.38	Pole	TP43.512x42.623x0.375	Pole	91.0%	Pass
8.38 - 3.38	Pole	TP44.4x43.512x0.375	Pole	91.7%	Pass
3.38 - 0	Pole	TP45x44.4x0.375	Pole	92.1%	Pass
				Summary	
			Pole	98.4%	Pass
			Reinforcement	98.1%	Pass
			Overall	98.4%	Pass

Additional Calculations

Section Elevation (ft)	Moment of Inertia (in^4)			Area (in^2)			% Capacity*		
	Pole	Reinf.	Total	Pole	Reinf.	Total	Pole	R1	R2
160 - 155	493	n/a	493	11.14	n/a	11.14	10.9%		
155 - 150	567	n/a	567	11.67	n/a	11.67	18.4%		
150 - 145	649	n/a	649	12.21	n/a	12.21	30.0%		
145 - 140	739	n/a	739	12.75	n/a	12.75	41.0%		
140 - 138.66	764	n/a	764	12.89	n/a	12.89	43.7%		
138.66 - 133.66	1084	n/a	1084	17.55	n/a	17.55	39.1%		
133.66 - 128.66	1220	n/a	1220	18.25	n/a	18.25	47.9%		
128.66 - 123.66	1367	n/a	1367	18.96	n/a	18.96	55.8%		
123.66 - 118.66	1525	n/a	1525	19.66	n/a	19.66	64.8%		
118.66 - 113.66	1695	n/a	1695	20.37	n/a	20.37	73.1%		
113.66 - 108.66	1878	n/a	1878	21.07	n/a	21.07	80.6%		
108.66 - 103.66	2073	n/a	2073	21.78	n/a	21.78	87.3%		
103.66 - 101	2182	n/a	2182	22.16	n/a	22.16	90.6%		
101 - 100.75	2192	n/a	2192	22.19	n/a	22.19	90.9%		
100.75 - 95.75	2408	n/a	2408	22.90	n/a	22.90	96.7%		
95.75 - 94.17	2479	n/a	2479	23.12	n/a	23.12	98.4%		
94.17 - 88.83	3224	n/a	3224	29.28	n/a	29.28	81.0%		
88.83 - 83.83	3524	n/a	3524	30.17	n/a	30.17	84.3%		
83.83 - 78.83	3842	n/a	3842	31.05	n/a	31.05	87.3%		
78.83 - 73.83	4179	n/a	4179	31.93	n/a	31.93	90.1%		
73.83 - 70	4450	n/a	4450	32.60	n/a	32.60	92.1%		
70 - 69.75	4468	2664	7132	32.65	18.00	50.65	56.9%	88.8%	
69.75 - 64.75	4840	2803	7642	33.53	18.00	51.53	59.1%	91.4%	
64.75 - 59.75	5231	2945	8176	34.41	18.00	52.41	61.1%	93.8%	
59.75 - 54.75	5644	3091	8735	35.29	18.00	53.29	63.0%	96.0%	
54.75 - 49.75	6078	3240	9318	36.17	18.00	54.17	64.9%	98.0%	
49.75 - 49.63	6089	3244	9332	36.20	18.00	54.20	64.9%	98.1%	
49.63 - 43.38	7563	n/a	7563	43.94	n/a	43.94	84.6%		
43.38 - 38.38	8123	n/a	8123	45.00	n/a	45.00	85.7%		
38.38 - 33.38	8709	n/a	8709	46.05	n/a	46.05	86.8%		
33.38 - 28.38	9323	n/a	9323	47.11	n/a	47.11	87.8%		
28.38 - 23.38	9965	n/a	9965	48.17	n/a	48.17	88.7%		
23.38 - 18.38	10635	n/a	10635	49.23	n/a	49.23	89.6%		
18.38 - 13.38	11336	n/a	11336	50.28	n/a	50.28	90.3%		
13.38 - 8.38	12066	n/a	12066	51.34	n/a	51.34	91.0%		
8.38 - 3.38	12827	n/a	12827	52.40	n/a	52.40	91.7%		
3.38 - 0	13358	n/a	13358	53.11	n/a	53.11	92.1%		

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

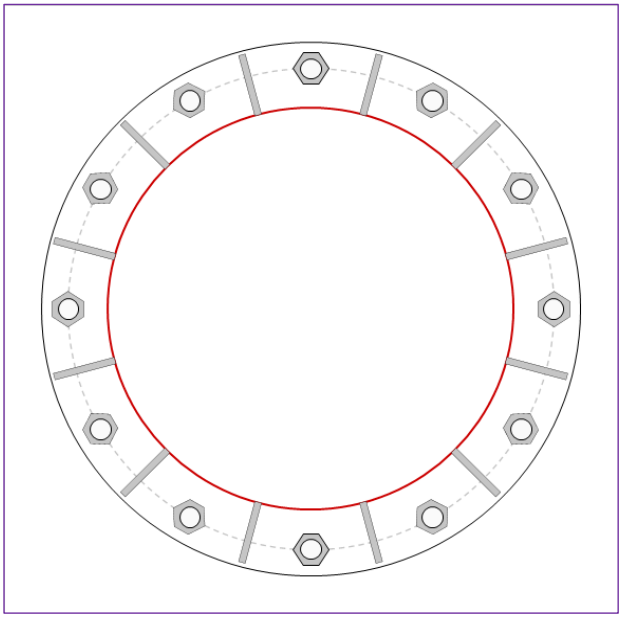
Monopole Base Plate Connection

Site Info	
BU #	876397
Site Name	New Milford/ Kimberly
Order #	654592 REV. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.5

Applied Loads	
Moment (kip-ft)	3238.17
Axial Force (kips)	44.26
Shear Force (kips)	25.89

**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 54" BC

Base Plate Data

60" OD x 2" 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 bevel, 0" fillet
vert. weld: 0.3125" fillet

Pole Data

45" 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 = 236.01	ϕPn_t = 243.75	**Stress Rating**
Vu = 2.16	ϕVn = 149.1	**94.4%**
Mu = 3.51	ϕMn = 128.14	Pass

Base Plate Summary		
Max Stress (ksi):	37.87	(Roark's Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**66.8%**	Pass

Stiffener Summary		
Horizontal Weld:	**76.4%**	Pass
Vertical Weld:	**68.8%**	Pass
Plate Flexure+Shear:	**28.7%**	Pass
Plate Tension+Shear:	**77.4%**	Pass
Plate Compression:	**83.5%**	Pass
Pole Summary		
Punching Shear:	**17.2%**	Pass

Pier and Pad Foundation

BU # :	876397
Site Name:	New Milford/ Kimbe
App. Number:	654592 REV. 0

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions

Compression, P_{comp}:	44.28	kips
Base Shear, Vu_comp:	25.86	kips
Moment, M_u:	3238.17	ft-kips
Tower Height, **H**:	160	ft
BP Dist. Above Fdn, bp_{dist}:	4.75	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**:	34	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	6	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties

Depth, **D**:	5	ft
Pad Width, W_1:	24	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	8	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	32	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties

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

Soil Properties

Total Soil Unit Weight, γ:	120	pcf
Ultimate Gross Bearing, Qult:	12.000	ksf
Cohesion, **Cu**:		ksf
Friction Angle, φ:	32	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.7	
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	Yes	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Foundation Analysis Checks

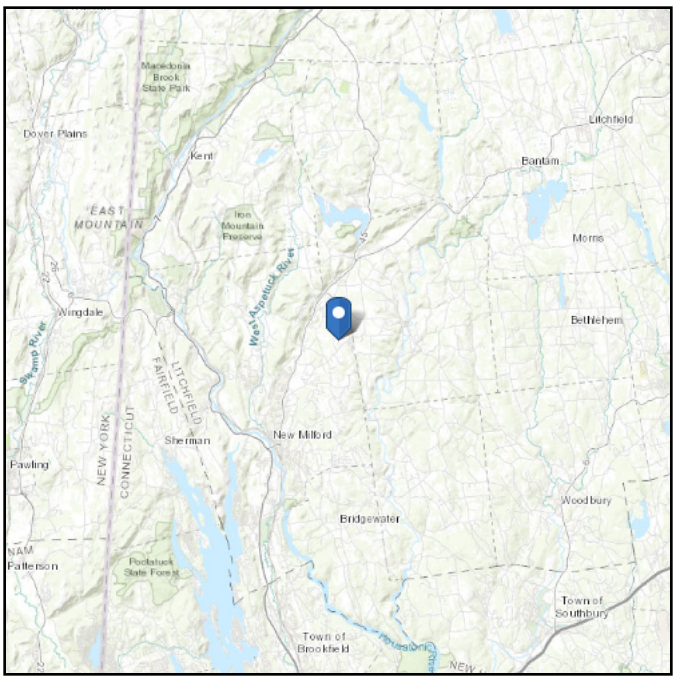
	Capacity	Demand	Rating	Check
Lateral (Sliding) (kips)	257.62	25.86	**10.0%**	**Pass**
Bearing Pressure (ksf)	9.00	4.01	**44.5%**	**Pass**
*Overturning (kip*ft)*	4414.68	3403.57	**77.1%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	3717.63	3315.75	**89.2%**	**Pass**
Pier Compression (kip)	22913.28	63.72	**0.3%**	**Pass**
*Pad Flexure (kip*ft)*	3495.33	1609.72	**46.1%**	**Pass**
Pad Shear - 1-way (kips)	860.65	244.47	**28.4%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.038	**20.3%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	4338.85	1989.45	**45.9%**	**Pass**

Structural Rating:	**89.2%**
Soil Rating:	**77.1%**

ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.631925
Risk Category:	II	**Longitude:**	-73.36745
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	982.3796944578027 ft (NAVD 88)



Wind

Results:

Wind Speed	115 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	89 Vmph
100-year MRI	95 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:	Thu Jan 18 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 not in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2.

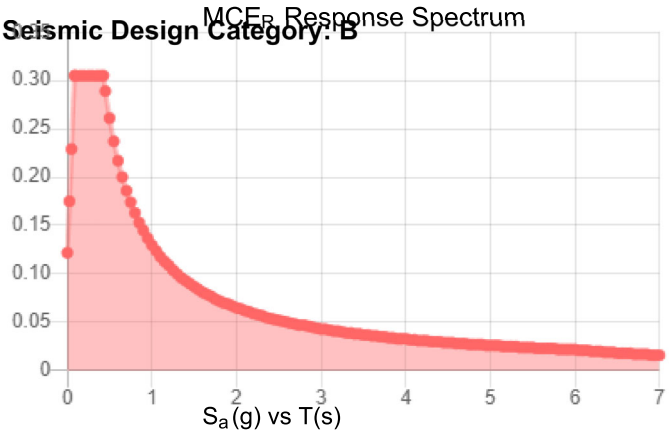
Seismic

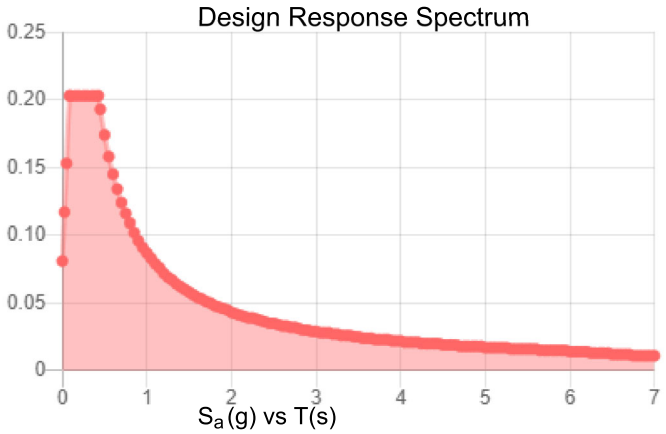
Site Soil Class: D - Default (see Section 11.4.3)

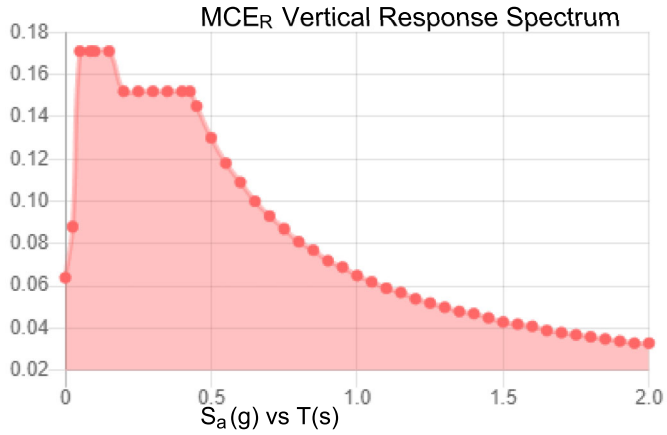
Results:

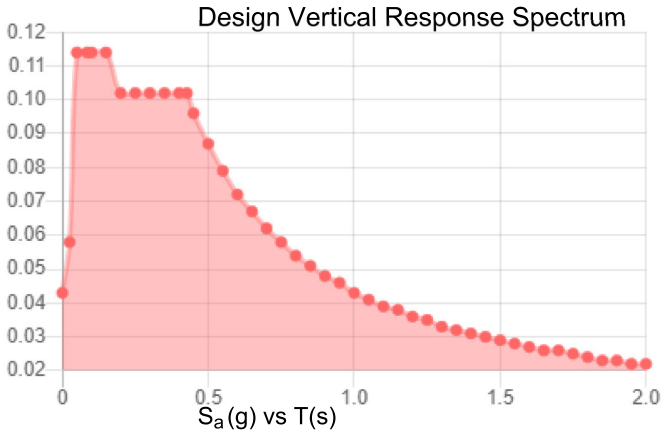
S_S :	0.191	S_{D1} :	0.087
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.105
F_v :	2.4	PGA_M :	0.166
S_{MS} :	0.305	F_{PGA} :	1.591
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.203	C_v :	0.7

Seismic Design Category: B









Data Accessed: Thu Jan 18 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:	Thu Jan 18 2024

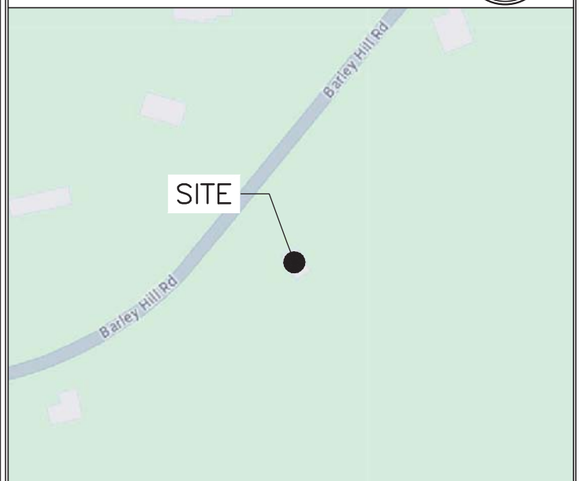
Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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 TEP DATED JANUARY 29, 2024.

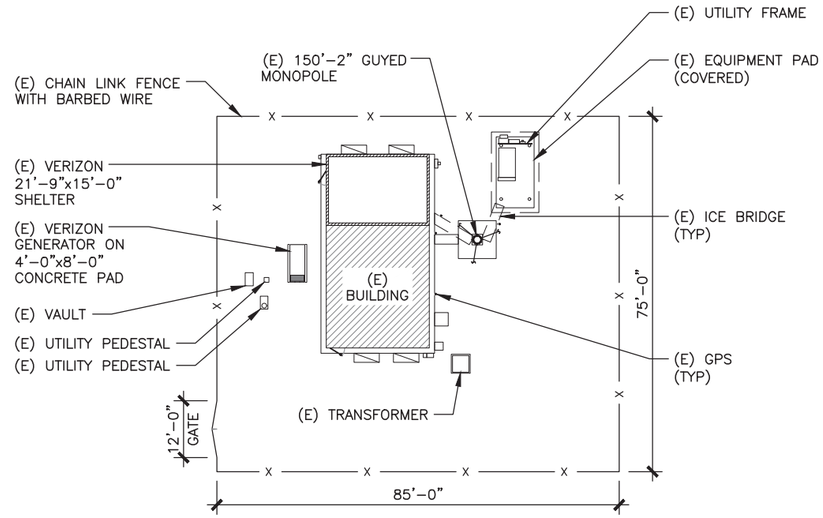
LEASE EXHIBIT:
THIS LEASE EXHIBIT IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF THE SITE SURVEY AND FACILITY DESIGN.

LOCATION MAP
N.T.S



APPROXIMATE COORDINATES:	LATITUDE:	41° 18' 35.55" N	41.309875° N
	LONGITUDE:	72° 23' 51.13" W	72.397536° W

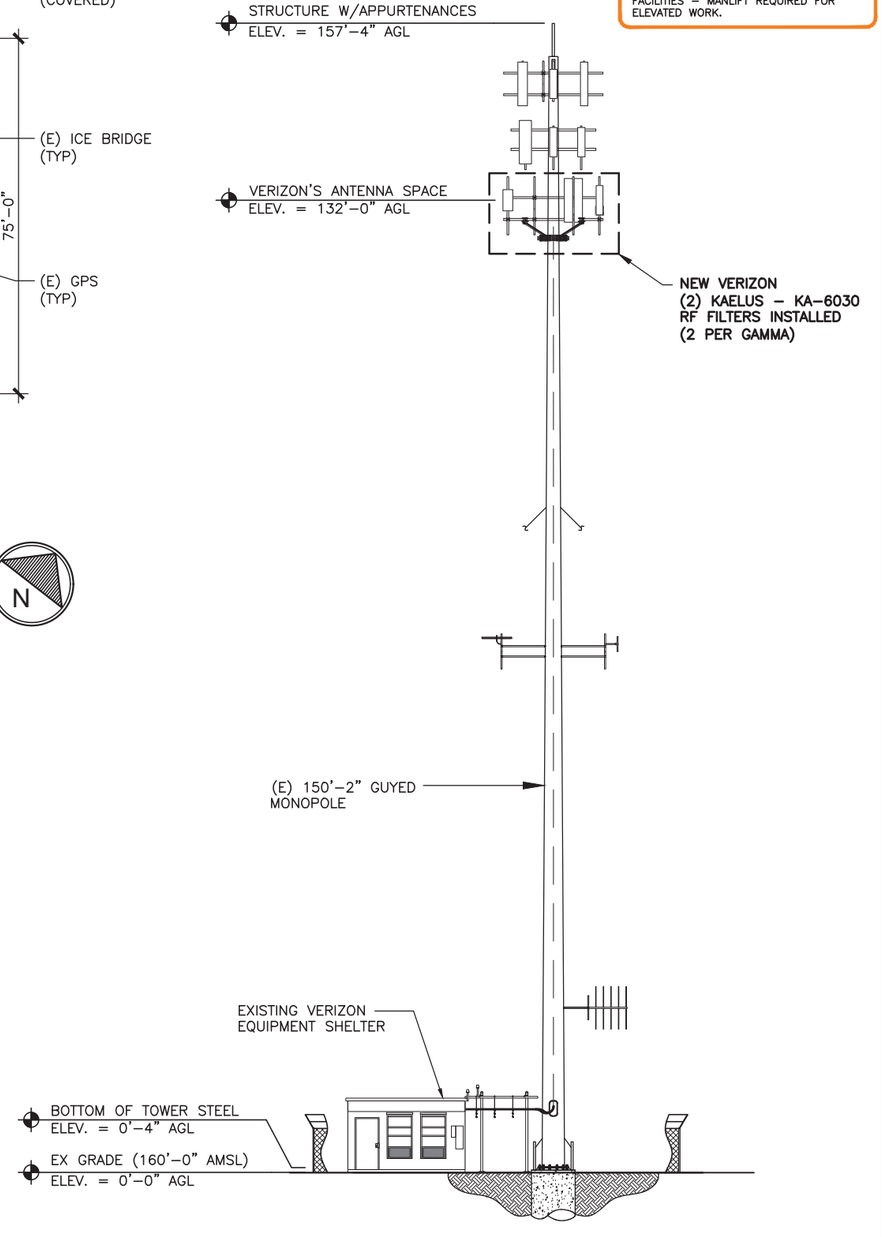
1 PARTIAL SITE / KEY PLAN
SCALE: N.T.S.



2 SITE PLAN
SCALE: 0' 8" 16" 32' 64'

INSTALLER NOTE:
FAA APPROVED HEIGHT 174'-0"

INSTALLER NOTE:
TOWER DOES NOT HAVE CLIMBING FACILITIES – MANLIFT REQUIRED FOR ELEVATED WORK.



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

OLD SAYBROOK CT

170 INGHAM HILL ROAD
OLD SAYBROOK, CT 06475

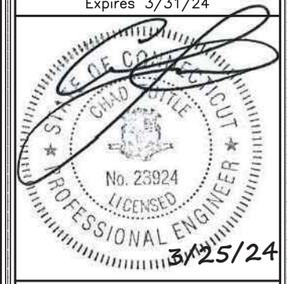
EXISTING GUYED MONOPOLE

PROJECT NO:	94946.035.01
CHECKED BY:	LR

ISSUED FOR:

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

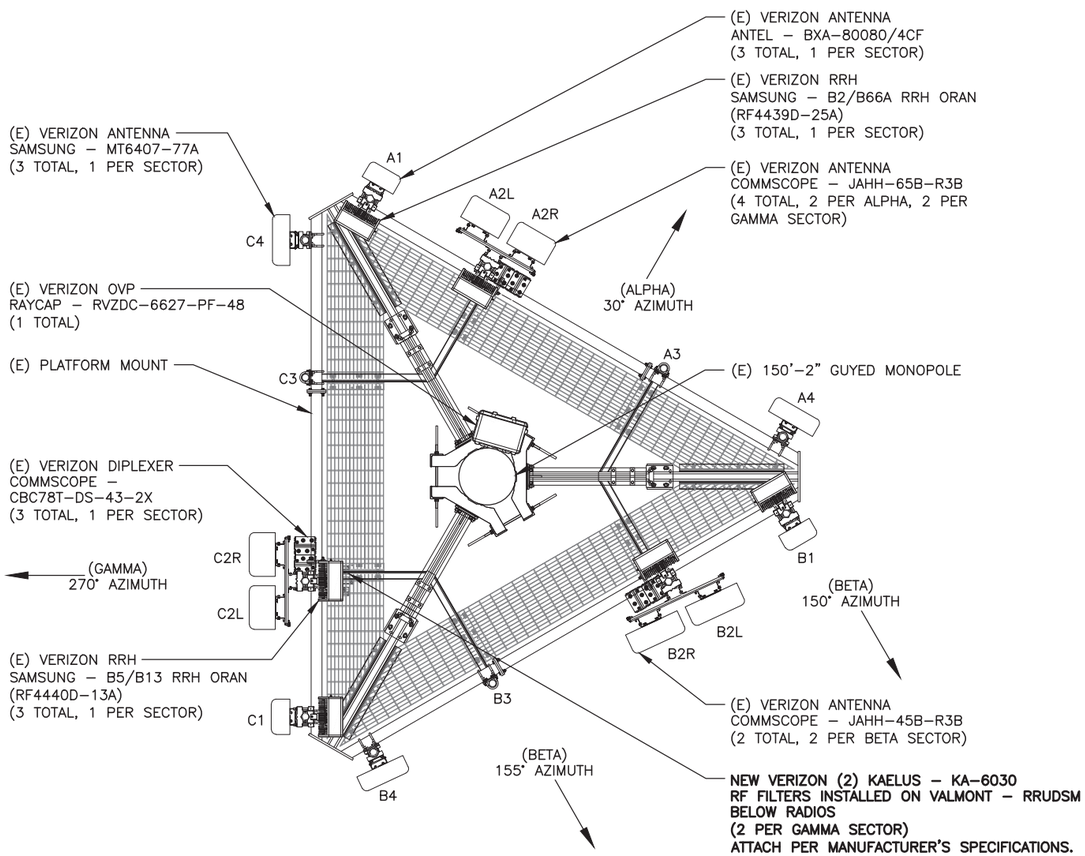
MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24



SHEET NUMBER:	REVISION:
LE-1	0

INSTALLER NOTE:

TOWER DOES NOT HAVE CLIMBING FACILITIES – MANLIFT REQUIRED FOR ELEVATED WORK.



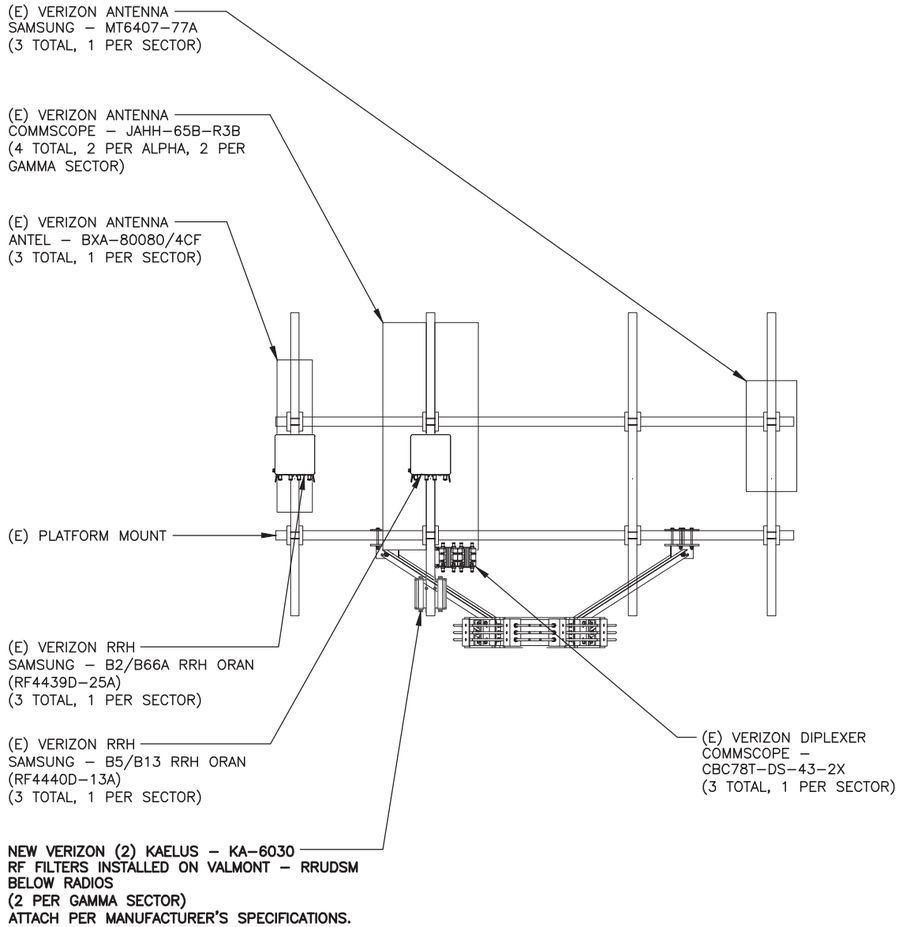
NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

1 NEW RF FILTER PLAN

SCALE: 0' 1' 2' 4' 10'

N



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

SCALE: 0' 1' 2' 4' 10'

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

OLD SAYBROOK CT

170 INGHAM HILL ROAD
OLD SAYBROOK, CT 06475

EXISTING GUYED MONOPOLE

PROJECT NO:	94946.035.01
CHECKED BY:	LR

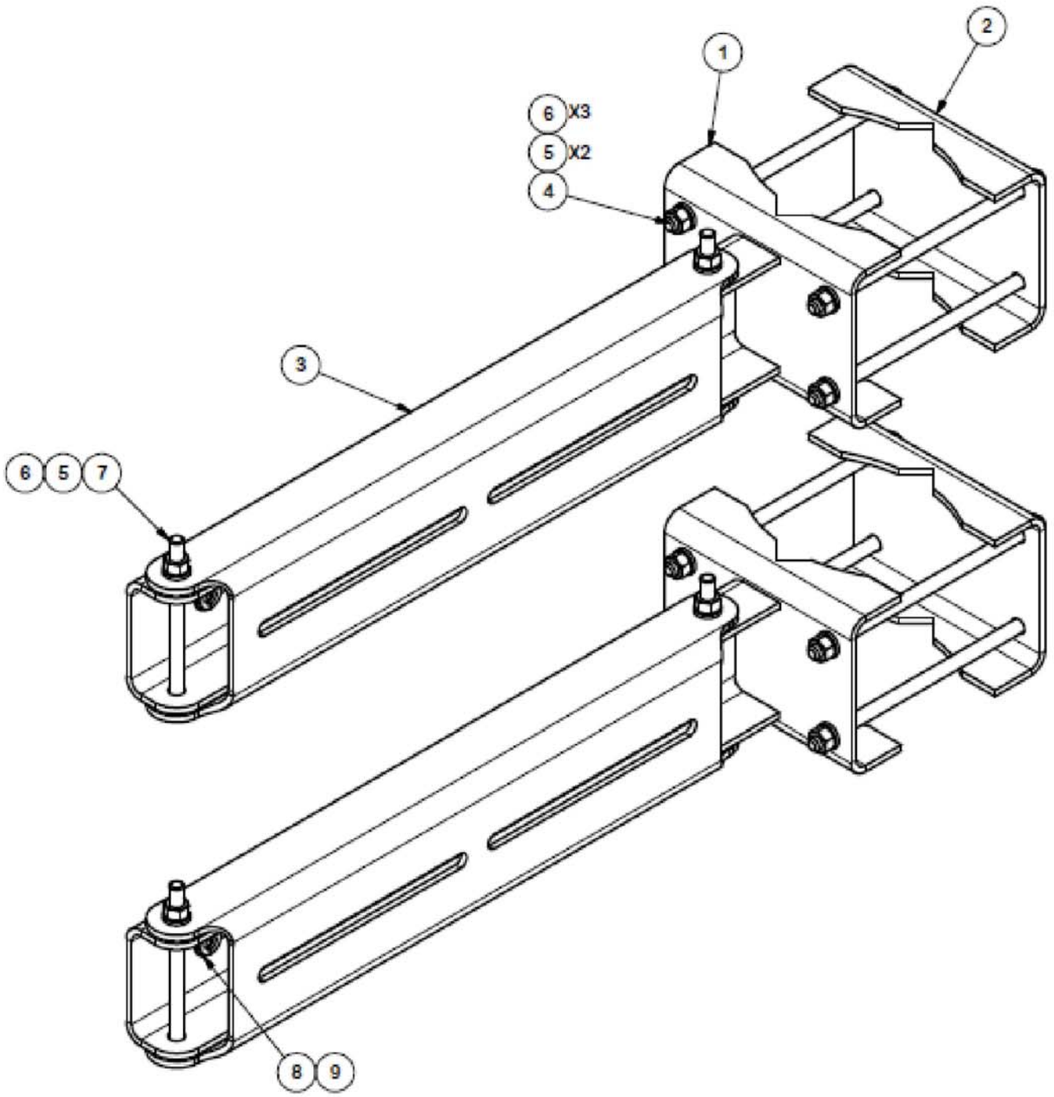
ISSUED FOR:

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

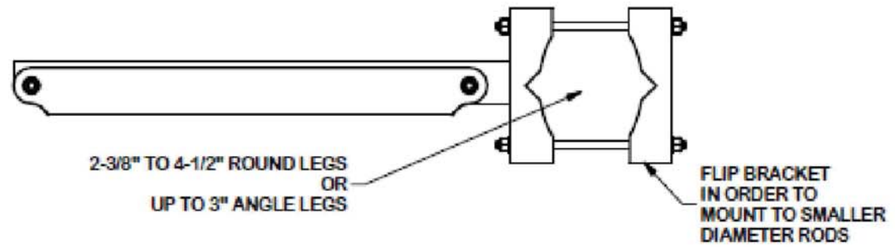
MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

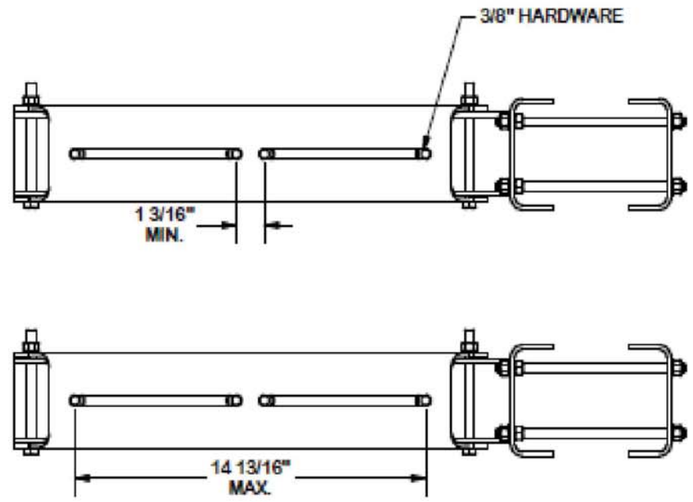
STATE OF CONNECTICUT
CHAD TUTTLE
No. 23924
LICENSED
PROFESSIONAL ENGINEER
3/25/24

SHEET NUMBER:	REVISION:
LE-2	0



PARTS LIST					
ITEM	QTY	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	MOUNTING ARM		8.99	17.97
2	2	CLAMP PLATE		2.35	4.69
3	2	SWIVEL MOUNT		6.65	13.30
4	8	3/8"-16 UNC X 8" GALV. THREADED ROD		0.25	2.00
5	20	3/8" GALV LOCK WASHER		0.01	0.13
6	28	3/8"-16 UNC GALV HEX NUT		0.02	0.52
7	4	3/8" X 5" GALV BOLT		0.18	0.71
8	8	3/8" SS FLAT WASHER		0.01	0.06
9	8	3/8" SS LOCK WASHER		0.01	0.05
				TOTAL WT. #	39.43





TOLERANCE NOTES

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

DESCRIPTION: RRU DUAL SWIVEL MOUNT

SITE PRO 1 — A valmont COMPANY

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

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	CEK 1/12/2015		RRUDSM	1 OF 1

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	SHOP	BMC 2/3/2015	RRUDSM

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

2951670

SIX HUNDRED TWENTY FIVE AND 00/100**

DATE 04/09/24

$*******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

⑈2951670⑈ ⑆111000614⑆ 103410453⑈

Check No 2951670
Check Date 04/09/24

Stub 1 of 1

CKRQ 841289 656560 ZN	04/09/24	Invoice Summ	625.00	625.00
			625.00	625.00