



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

September 19, 2023

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

RE: **Notice of Exempt Modification for Verizon
Crown #876385_Crown_VZW
Riley Mountain Road, Coventry, CT 06238
Latitude: 41° 47' 56.21" / Longitude: -72° 19' 55.88"**

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at Riley Mountain Road, Coventry, CT 06238. The property is owned by James & Concetta Wallbeoff Trustees and the tower is owned by Crown Castle. Verizon now intends to add three (3) interference mitigation filters to be installed at the 126-foot level of the tower of the 152-foot monopole. This modification may include B2, B5, B17, B14, B29, B30, B66 & n77 hardware that is 4G(LTE) and/or 5GNR capable through remote software configuration and either or both services may be turned on or off at various times.

Panned Modification:

Tower:

Installed New:

(3) Kaelus BSF0020F3V1-1 Twin Bandstop 900MHZ Interference Mitigation Filters

The proposed work in this application only pertains to the installation of interference mitigation filter(s) and does not involve any additional equipment that may be called out in the Mount Analysis and/or in Table 1 of the Structural Analysis Reports.

The facility was approved by the Town of Coventry Planning & Zoning Commission on September 6, 2000. Please see attached.

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-SOj-73, a copy of this letter is being sent to Town Manager James Drumm and Zoning Enforcement Officer Manuel Medina for the municipality and James & Concetta Wallbeoff Trustees as property owner. Crown Castle is the tower owner. The proposed modifications will not result in an increase in the height of the existing tower.

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

The Foundation for a Wireless World.

CrownCastle.com

3. 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.
4. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
5. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, Verizon 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: Domenica Tatasciore.

Sincerely,



Domenica Tatasciore
Site Acquisition Specialist
1800 W. Park Drive
Westborough, MA 01581
(508) 621-9161/ Domenica.Tatasciore@crowncastle.com

Attachments

cc:

Town Manager James Drumm
Town of Coventry
1712 Main Street
Coventry, CT 06238
860-531-2146

Manuel Medina, ZEO
Town of Coventry
1712 Main Street
Coventry, CT 06238
860-742-4062

James & Concetta Wallbeoff Trustees, Property Owner
c/o Ami Beth Degray
4 Knotty Pine Lane
Deerfield, VA 24432
401-322-9934

Crown Castle, Tower Owner

From: TrackingUpdates@fedex.com
To: [Tatasciore, Domenica](#)
Subject: FedEx Shipment 773442671479: Your package has been delivered
Date: Tuesday, September 19, 2023 11:22:38 AM

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Hi. Your package was
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11:12am.



Delivered to 1712 MAIN ST, COVENTRY, CT 06238

[OBTAIN PROOF OF DELIVERY](#)

How was your delivery ?



TRACKING NUMBER	773442671479
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Coventry Town Manager James Drumm 1712 Main Street COVENTRY, CT, US, 06238
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 9/18/2023 05:50 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	COVENTRY, CT, US, 06238
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

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TRACKING NUMBER	773442682627
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Town of Coventry Manuel Medina, Zoning Officer 1712 Main Street COVENTRY, CT, US, 06238
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 9/18/2023 05:50 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	COVENTRY, CT, US, 06238
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

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TRACKING NUMBER	773442694219
FROM	WESTBOROUGH, MA, US
TO	DEERFIELD, VA, US
SHIP DATE	Mon 9/18/2023 05:50 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US
DESTINATION	DEERFIELD, VA, US
SPECIAL HANDLING	Residential Delivery
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight



Town of Coventry

1712 Main Street • Coventry, CT 06238 • Fax (860) 742-8911

CT 33X055
JW

CERTIFIED MAIL # 7099 3400 0007 2017 0083

September 6, 2000

Attorney Thomas J. Regan, Esq.
Brown, Rudnik, Freed, and Gesmer
185 Asylum Street
Hartford CT 06107

Dear Attorney Regan:

At its regular meeting on August 28, 2000, the Coventry Planning and Zoning Commission made the following decision:

To approve application 00-18S of Sprint Spectrum, LP (DBA sprint PCS), to establish a telecommunications facility, 150' monopole, and associated ground equipment; property located on Riley Mountain Road (Assessor's Map 11, Block 29-A, Lots 2,3); RU-40 Zone.

The following conditions apply:

1. The pole is to be expandable for possible future use.
2. The amount of carriers on the 150' pole is to be six rather than three.
3. The town of Coventry has access to public safety communication.

I wish to remind you that you must file an 8-3d form with the Town Clerk's office in addition to final mylar(s) of the approved plan. Please see the attached information for further instruction. Also, it is requested that you place this approval letter on the final plans.

Sincerely,

Eric M. Trott
Director of Planning and Development

EMT/lpe

/enclosure

cc: Sprint Spectrum, L.P.
Goodkind & O'Dea, Inc.
James Wallbeoff, Jr.

00-185 *PRINT*

POST APPROVAL GUIDE FOR SPECIAL PERMIT/EXCEPTION OR VARIANCE

If you have received approval from the Coventry Zoning Board of Appeals or the Planning and Zoning Commission for a special permit/exception or variance, the following requirements must be completed before the issuance of a zoning permit:

FOR SPECIAL EXCEPTION, PERMIT, OR *VARIANCE:

1. An 8-3d form of approval must be filed with the Town Clerk's office. The form cannot be filed until the fifteen day appeal period has ended (15 days from the date of legal notice publication; not date of Commission/Board approval). The form will be prepared at the Planning office and available for filing after *September 16, 2000* (There is a filing fee which you pay at the Clerk's office at the time you file the 8-3d form).

FOR SPECIAL EXCEPTION/PERMIT:

1. You must file a Mylar of final plans with the Town Clerk's office within 90 days of approval date. However, the Mylar cannot be filed until after the fifteen day appeal period has ended, which will be after *September 16, 2000* (There is a filing fee which you pay at the Clerk's office at the time you file the Mylar.)

Section 4.3.c.5 of the zoning regulations states:

Endorsement and Filing. Within sixty-five days of the Commission/Board approval, the applicant shall submit one (1) set of final plans on Mylar and six (6) sets on paper (please note: in some cases we may accept three (3) copies for special exceptions), reflecting all conditions or modifications required by the Commission/Board, and accompanied by signed, sworn statements of the applicant's land surveyor, engineer, architect, and any other professional who has participated in the preparation of the application materials, to the effect that the plans submitted are the same as those approved by the Commission/Board except for the depiction of modifications and conditions required by the Commission/Board in its approval vote. If, upon considering the statements and reviewing the plans submitted, the Commission/Board shall find them to be in accordance with the final approval, they shall be endorsed by the signature of the Chairman, Vice-Chairman, or Secretary of the Commission/Board, as the case may be. Thereafter, it shall be the responsibility of the applicant to file one (1) set of endorsed Mylar plans in the office of the Town Clerk. In accordance with Section 8-3d of the Connecticut General Statutes, no Special Permit/Exception shall be effective until the final, endorsed plans are filed with the Town Clerk, and **any plans not so filed within ninety (90) days following the Commission's/Board's vote of approval shall become null and void.** Any Special Permit/Exception site plan filed in the Town Clerk's office without the endorsement of the Commission's/Board's Chairman, Vice-Chairman, or Secretary shall likewise be void.

*In the case where a variance has been granted, it is recommended that if you have not already done so, you may want to submit your application for building permit and zoning permit to the Building office prior to the appeal period ending. This may possibly help to speed up your application process/review and avoid a delay in obtaining your permits.

Revised 03/10/98

By: Pollansky

Seconded: Terry

Motion carried with the following vote:

For: Unanimous

Against: None

Abstain: None

3. Town of Andover - P&Z referral re: Planned residential development for older persons - Bear Swamp Road.

Trott briefly reviewed this project for 9 buildings (31 total units) of elderly housing on 18.2 acres off of Bear Swamp Road in Andover. This proposed project has no significant impact to the Town of Coventry.

NEW BUSINESS -

None.

DECISIONS -

1. 00-18S - Special permit application of Sprint Spectrum, LP (DBA Sprint PCS); to establish a telecommunications facility, 150' monopole, and associated ground equipment; property located on Riley Mountain Road (Assessor's Map 11, Block 29-A, Lots 2,3); RU-40 Zone.

MOTION: The Planning and Zoning Commission here by approves 00-18S - Special permit application of Sprint Spectrum, LP (DBA Sprint PCS); to establish a telecommunications facility, 150' monopole, and associated ground equipment; property located on Riley Mountain Road (Assessor's Map 11, Block 29-A, Lots 2,3); RU-40 Zone, with the following conditions:

1. The pole is to be expandable for possible future use.
2. The amount of carriers on the 150' pole is to be 6 rather than 3.
3. The Town of Coventry has access to public safety communication.

By: Pollansky

Seconded: Terry

Motion carried with the following vote:

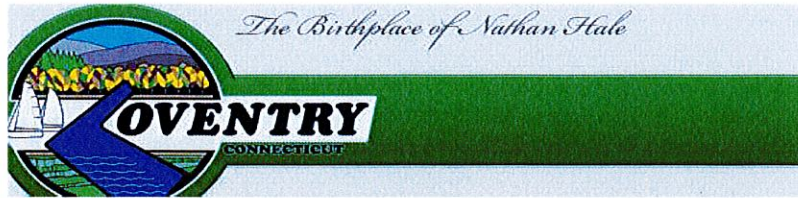
For: Unanimous

Against: None

Abstain: None

4. 00-19ZR - Zoning amendment application of William and Karen Mudano to revise Sections 2.6.1.a, 2.6.2.a, 3.4.1, and 16 (River Aquifer Zone) of the zoning regulations.

There was further discussion of Merisotis' concerns that the proposed amendments may be contrary to the goals for the RA Zone. It was his opinion that these proposals would not add to the protection of the zone, but would increase the property value and facilitate the potential of subdivision. Pollansky felt that the RA Zone is sufficiently protected within the regulations, allowing for a large house would not reduce this protection. Pollansky felt it was unlikely that the proposed changes would significantly change the value of property in the zone.



Documents and Maps

Some of these PDF maps are large (2-3 MB) and may take 20 seconds or more to load, even on a DSL connection.

Scroll Down For More Info

Detailed Parcel Information

Parcel No
17-6
Unique ID
5628
Account
R05867
Owner
WALLBEOFF JAMES L JR +
CONCETTA M TRUSTE
Location
BOSTON TPK
MAILING ADDRESS
4 KNOTTY PINE LN
DEERFIELD VA 24432



❖ SUMMARY PARCEL INFORMATION & MAP DOCUMENTS

PARCEL VALUATIONS

	Appraised Value	Assessed Value
Buildings	0	0
Outbuildings	0	0
Extra Features	0	0
Land	150600	2600
TOTAL:	150600	2600

PROPERTY INFORMATION

Land Acres	28.58
Land Use	Forest
Land Class	S
Zoning	GR80
Census Tract	
Neighborhood	
Lot Description	Level
Lot Utilities	Septic
Street Description	Paved

SALE INFORMATION

Sale Date	2002-09-23
Sale Price	0
Book / Page	0770/0286

BUILDING AREA

Gross Building Area	0
Total Living Area	0
Roof Structure	NA
Primary Exterior Wall Type	NA
Heating/Cooling Type	NA
AC_Type	NA
Heating Fuel	NA

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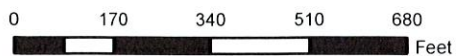
Town of Coventry, Connecticut - Assessment Parcel Map

Parcel: 17-6

Address: BOSTON TPK

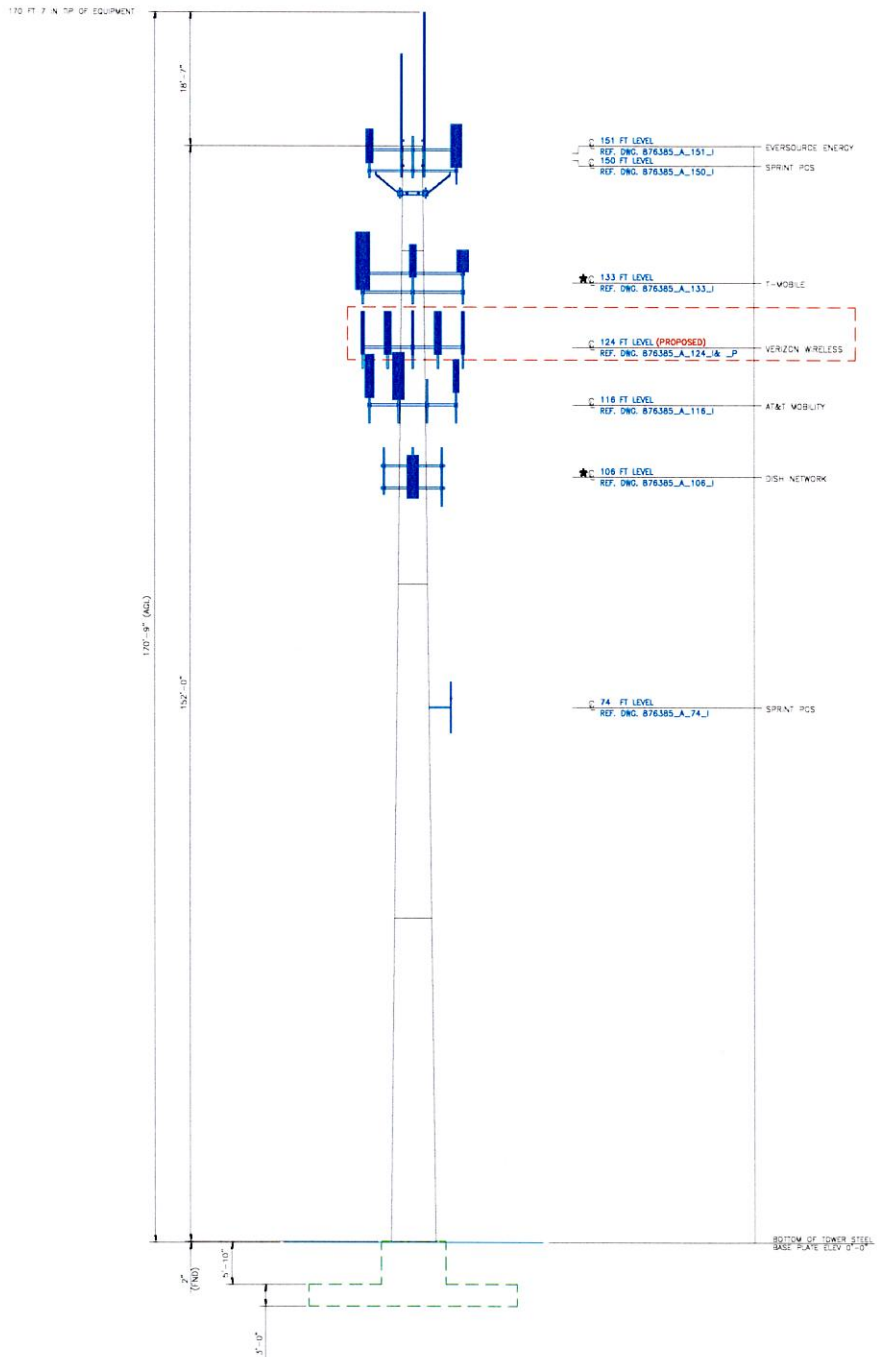


Approximate Scale: 1 inch = 333 feet



Map Produced: July 2022/ Grand List: 2019

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



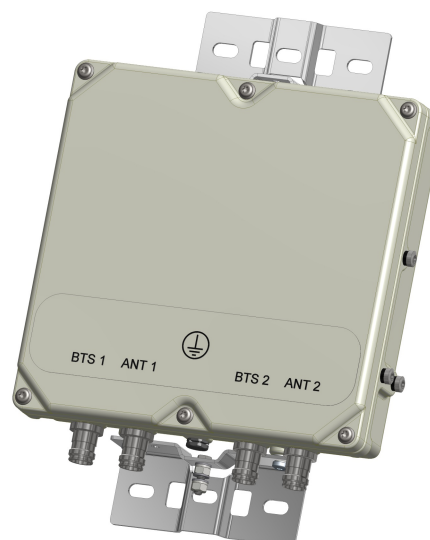
BSF0020F3V1-1

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.

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

ANT1



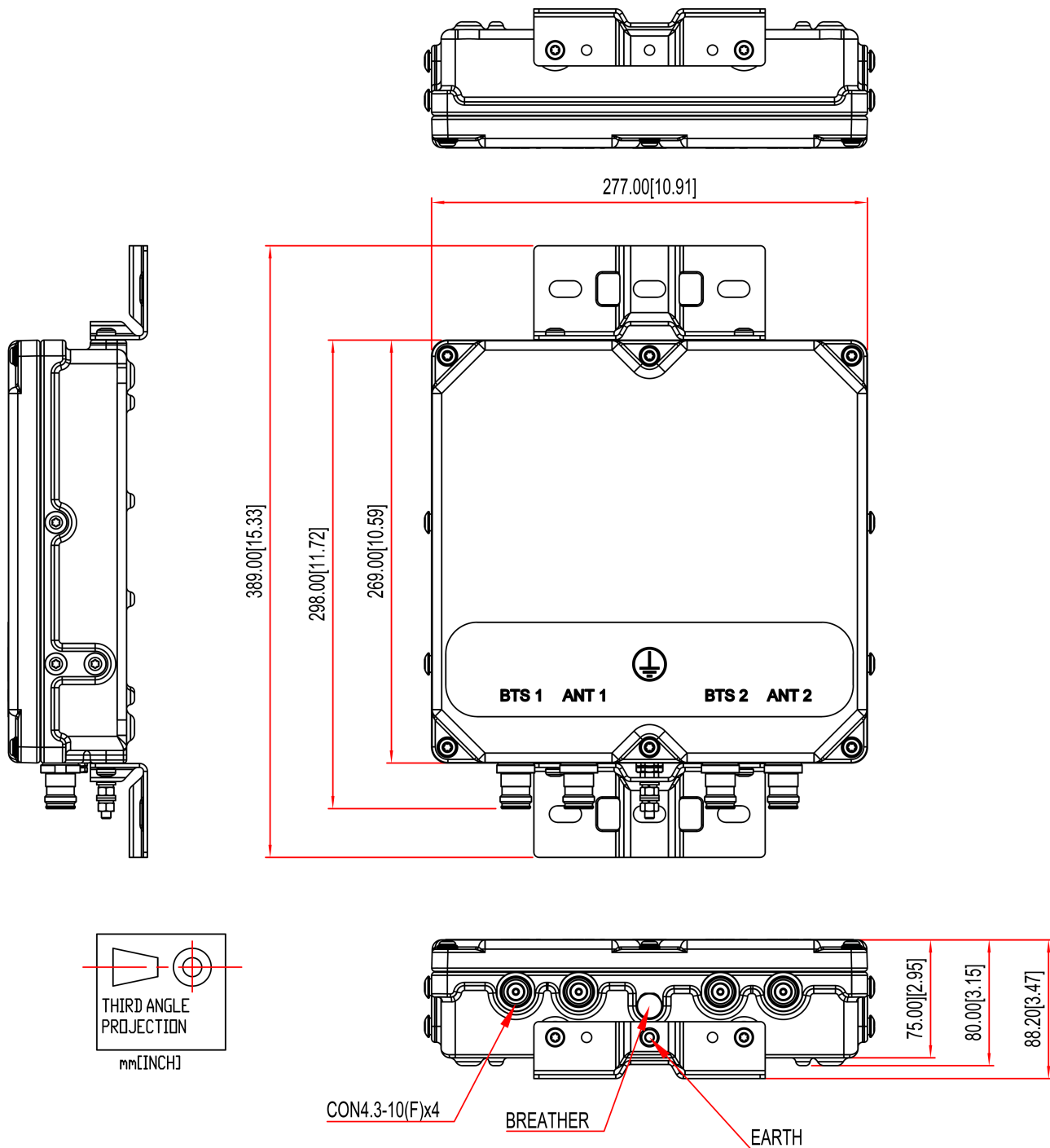
BTS1

ANT2



BTS2

MECHANICAL BLOCK DIAGRAM





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 #: 10206415
Colliers Engineering & Design Project #: 23777062 (Rev. 1)

July 10, 2023

Site Information

Site ID: 5000248208-VZW / COVENTRY NORTH CT
Site Name: COVENTRY NORTH CT
Carrier Name: Verizon Wireless
Address: 400 Riley Mountain Road
Coventry, Connecticut 06238
Tolland County
Latitude: 41.801389°
Longitude: -72.328333°

Structure Information

Tower Type: Monopole
Mount Type: 14.50-Ft Platform

FUZE ID # 17123785

Analysis Results

Platform: 77.8% 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: Frank Centone



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: 674868, dated July 20, 2021
Mount Mapping Report	Structural Components, Site ID: 16272145, dated February 23, 202
Post Modification Inspection Report	Colliers Engineering & Design, Project #: 21777112, dated March 21, 2023
Final Loading Guidance	Filter Add Scope Provided by Verizon Wireless

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 120 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.50 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.974
Seismic Parameters:	S_S : 0.182 g S_1 : 0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Load, L_v : 250 lbs. Maintenance Load, L_m : 500 lbs.
Analysis Software:	RISA-3D (V17)

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
124.50	127.00	6	KAelus	BSF0020F3V1-1	Added
		3	Commscope	LNx-6514DS-A1M	Retained
		3	Commscope	NHH-65B-R2B	
		3	Commscope	NHHSS-65B-R2BT0	
		3	Samsung	MT6407-77A	
		2	RFS	DB-B1-6C-12AB-0Z	
		3	Samsung	CBRS RRH - RT4401-48A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - HSS (Rectangular) ASTM 500 (Gr. B-46)
 - Pipe ASTM A53 (Gr. B-35)
 - Threaded Rod F1554 (Gr. 36)
 - Bolts ASTM A325

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	17.6%	Pass
Standoff Horizontal	45.7%	Pass
Platform Crossmember	23.9%	Pass
Mount Pipe	41.6%	Pass
Corner Plate	25.0%	Pass
Grating Support	10.4%	Pass
Cross Arm Plate	77.8%	Pass
P2.5 Mount Pipe	33.6%	Pass
Equipment Pipe	10.8%	Pass
Support Rail	25.1%	Pass
Support Rail Corner Angle	60.5%	Pass
Mount Connection	61.7%	Pass

Structure Rating – (Controlling Utilization of all Components)	77.8%
---	--------------

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	27.6	27.6	46.8	46.8
0.5	35.7	35.7	62.6	62.6
1	43.3	43.3	77.8	77.8

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

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 #: 5000248208

SMART Project #: 10206415

Fuze Project ID: 17123785

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

Response:

Special Instruction Confirmation:

- ☐ The contractor has read and acknowledges the above special instructions.
- ☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.
- ☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

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

Comments:

--

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Sector: A

7/10/2023

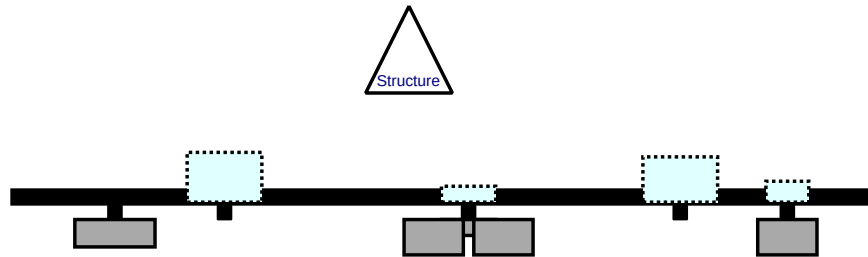
Structure Type: Monopole

10206415

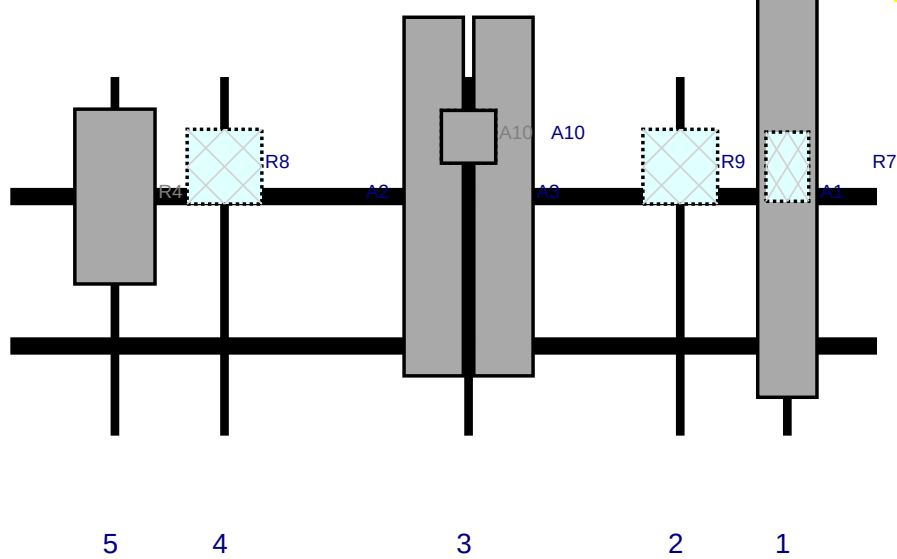
Mount Elev: 124.50

Page: 1

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	LNx-6514DS-A1M	80.6	11.9	156	1	a	Front	24	0	Retained	02/15/2023
R7	CBRS RRH - RT4401-48A	13.9	8.6	156	1	a	Behind	18	0	Retained	02/15/2023
R9	RF4440d-13A	15	15	134.5	2	a	Behind	18	0	Retained	02/15/2023
A2	NHH-65B-R2B	72	11.9	92	3	a	Front	24	-7	Retained	02/15/2023
A3	NHHSS-65B-R2BT0	72	11.9	92	3	a	Front	24	7	Retained	02/15/2023
A10	BSF0020F3V1-1	10.6	10.9	92	3	a	Behind	12	0	Added	
A10	BSF0020F3V1-1	10.6	10.9	92	3	b	Front	12	0	Added	
R8	RF4439d-25A	15	15	43	4	a	Behind	18	0	Retained	02/15/2023
R4	MT6407-77A	35.1	16.1	21	5	a	Front	24	0	Retained	02/15/2023
M106	DB-B1-6C-12AB-0Z	28.9	15.7		Member					Retained	02/15/2023
M108	DB-B1-6C-12AB-0Z	28.9	15.7		Member					Retained	02/15/2023

Sector: B

7/10/2023

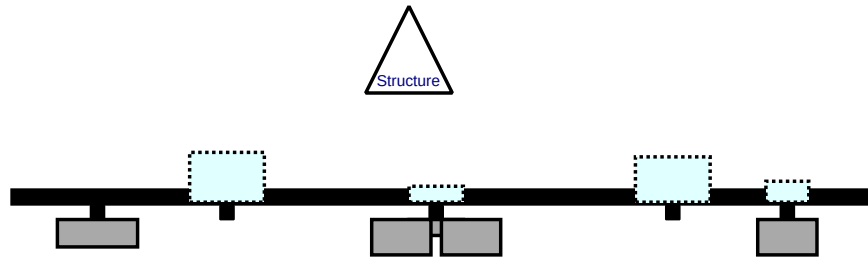
Structure Type: Monopole

10206415

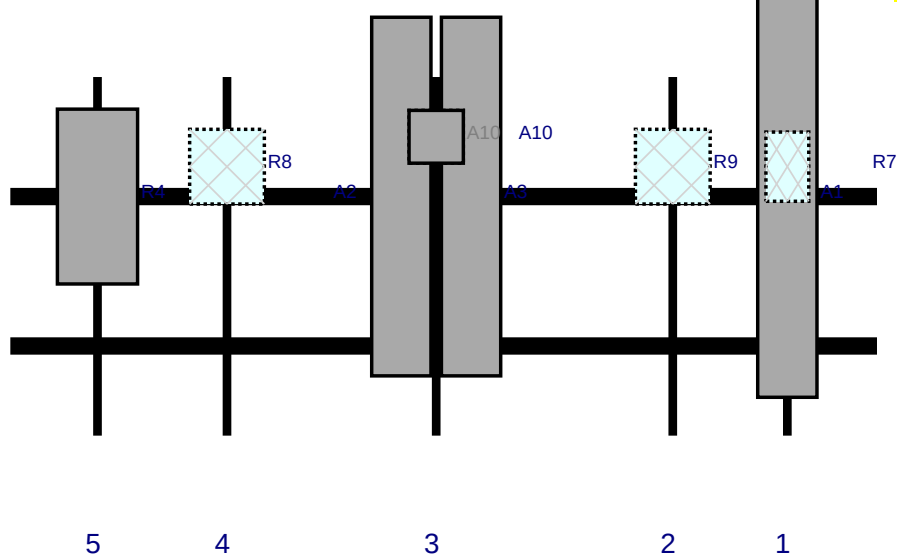
Mount Elev: 124.50

Page: 2

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
A1	LNx-6514DS-A1M	80.6	11.9	156	1	a	Front	24	0	Retained	02/15/2023
R7	CBRS RRH - RT4401-48A	13.9	8.6	156	1	a	Behind	18	0	Retained	02/15/2023
R9	RF4440d-13A	15	15	133	2	a	Behind	18	0	Retained	02/15/2023
A2	NHH-65B-R2B	72	11.9	85.5	3	a	Front	24	-7	Retained	02/15/2023
A3	NHHSS-65B-R2BT0	72	11.9	85.5	3	a	Front	24	7	Retained	02/15/2023
A10	BSF0020F3V1-1	10.6	10.9	85.5	3	a	Behind	12	0	Added	
A10	BSF0020F3V1-1	10.6	10.9	85.5	3	b	Front	12	0	Added	
R8	RF4439d-25A	15	15	43.5	4	a	Behind	18	0	Retained	02/15/2023
R4	MT6407-77A	35.1	16.1	17.5	5	a	Front	24	0	Retained	02/15/2023

Sector: C

7/10/2023

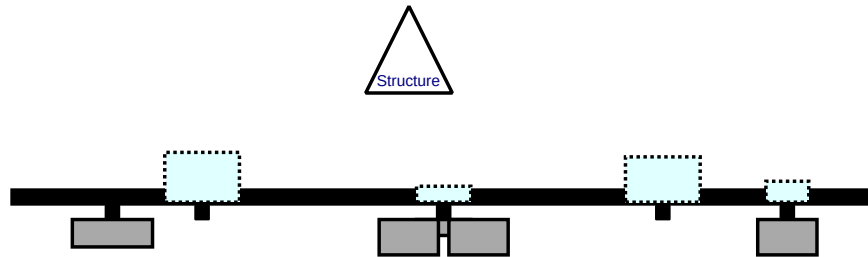
Structure Type: Monopole

10206415

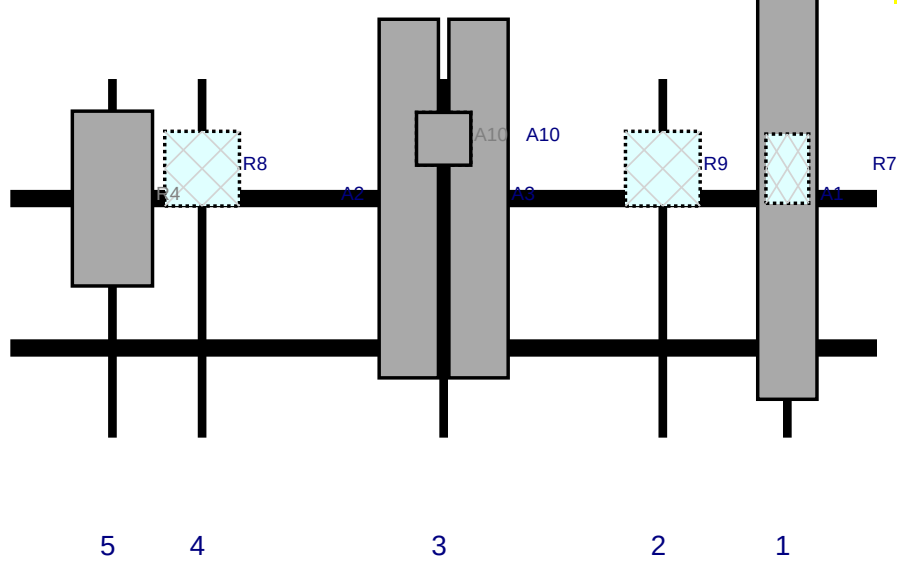
Mount Elev: 124.50

Page: 3

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
A1	LNx-6514DS-A1M	80.6	11.9	156	1	a	Front	24	0	Retained	02/15/2023
R7	CBRS RRH - RT4401-48A	13.9	8.6	156	1	a	Behind	18	0	Retained	02/15/2023
R9	RF4440d-13A	15	15	131	2	a	Behind	18	0	Retained	02/15/2023
A2	NHH-65B-R2B	72	11.9	87	3	a	Front	24	-7	Retained	02/15/2023
A3	NHHSS-65B-R2BT0	72	11.9	87	3	a	Front	24	7	Retained	02/15/2023
A10	BSF0020F3V1-1	10.6	10.9	87	3	a	Behind	12	0	Added	
A10	BSF0020F3V1-1	10.6	10.9	87	3	b	Front	12	0	Added	
R8	RF4439d-25A	15	15	38.5	4	a	Behind	18	0	Retained	02/15/2023
R4	MT6407-77A	35.1	16.1	20.5	5	a	Front	24	0	Retained	02/15/2023



FCC

N/A

Tower Owner:	Crown Castle	Mapping Date:	2/23/2021
Site Name:	Coventry North CT	Tower Type:	Monopole
Site Number or ID:	16272145	Tower Height (Ft.):	
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	126

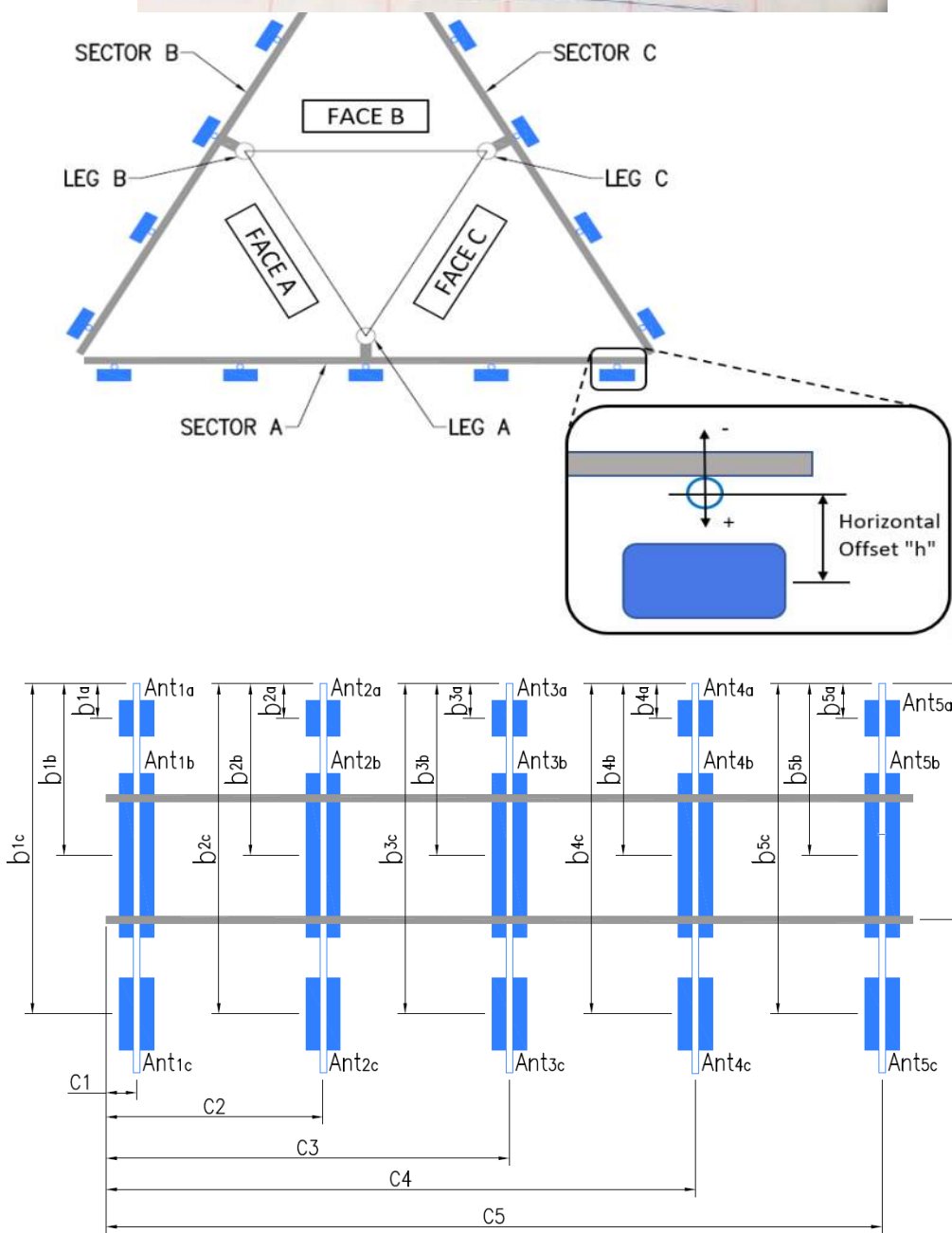
COUNTRY NORTH 2/22/21
40° CLOUDY, SMPH W
JREF / WRS

COAX:
(12) 15/8" TX
(2) 1 1/4" TX HYBRID
A 20°

C 260°

B 140°

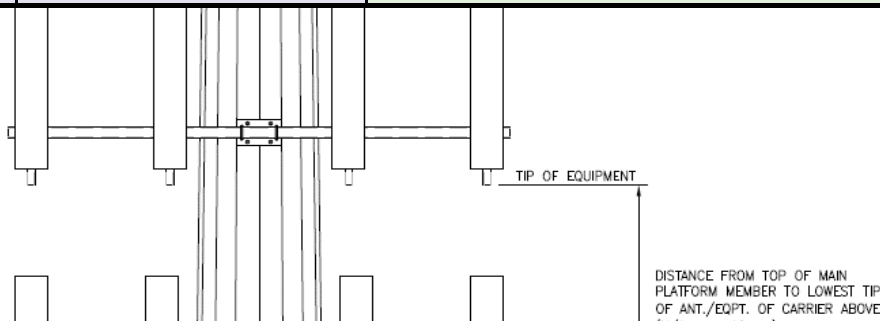
MOUNT BLVD: 126'



Mount Azimuth (Degree) for Each Sector	Tower Leg Azimuth (Deg) for Each Sector
---	--

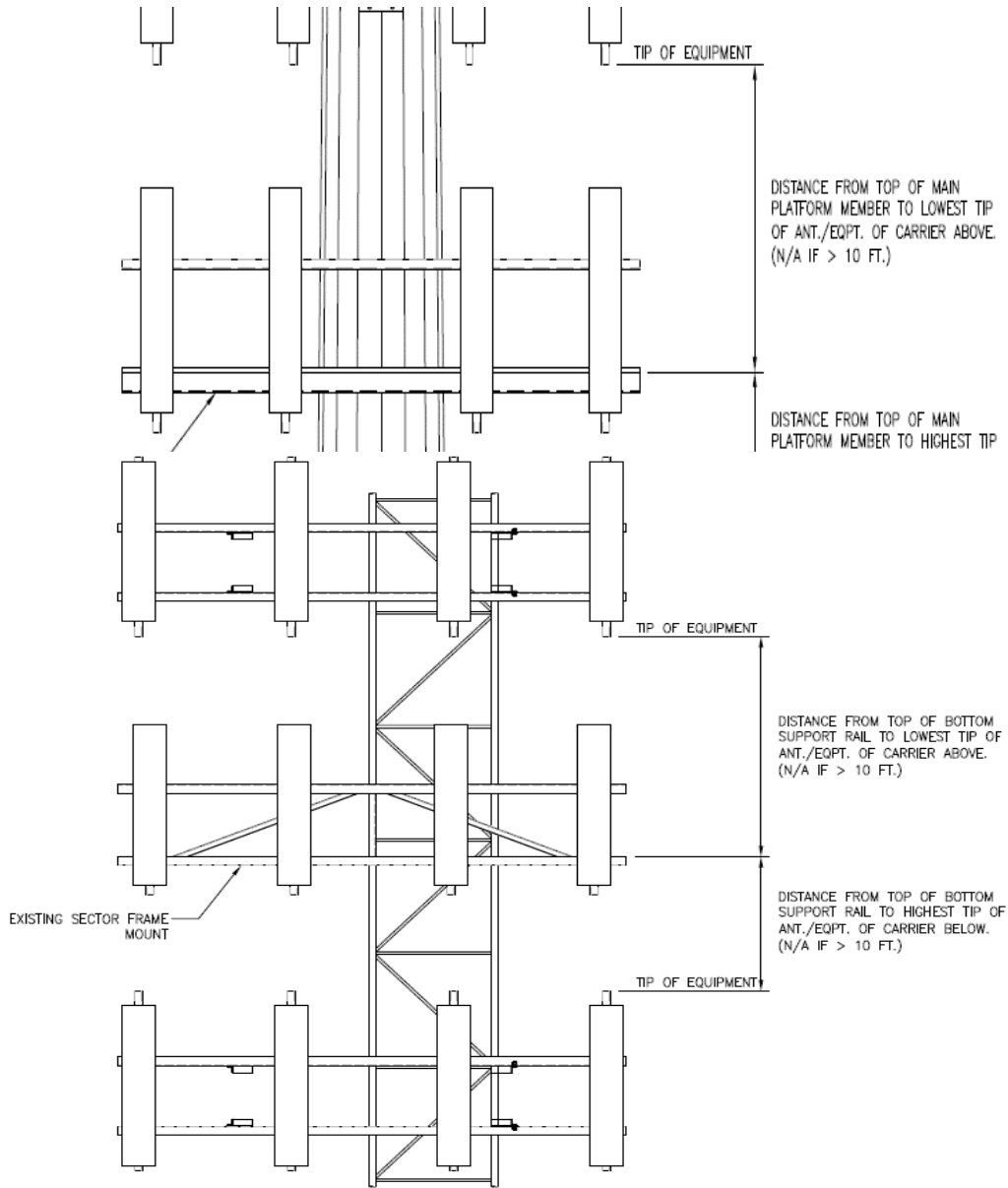
Sector A:	20.00	Deg	Leg A:		Deg
Sector B:	140.00	Deg	Leg B:		Deg
Sector C:	260.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Location:		Deg	
Climbing Facility	Corrosion Type:		N/A
	Access:		Climbing path was unobstructed.
	Condition:		Missing safety cable.



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	2-3/8 x 0.154 x 72	54.00	18.00	C1	2-3/8 x 0.154 x 72	54.00	18.00
A2	2-3/8 x 0.154 x 72	54.00	39.50	C2	2-3/8 x 0.154 x 72	54.00	43.00
A3	2-3/8 x 0.154 x 72	54.00	82.00	C3	2-3/8 x 0.154 x 72	54.00	87.00
A4	2-3/8 x 0.154 x 72	52.00	131.00	C4	2-3/8 x 0.154 x 72	52.00	135.50
A5	2-3/8 x 0.154 x 72	54.00	153.00	C5	2-3/8 x 0.154 x 72	54.00	153.50
A6				C6			
B1	2-3/8 x 0.154 x 72	54.00	19.00	D1			
B2	2-3/8 x 0.154 x 72	54.00	41.00	D2			
B3	2-3/8 x 0.154 x 72	54.00	88.50	D3			
B4	2-3/8 x 0.154 x 72	54.00	130.50	D4			
B5	2-3/8 x 0.154 x 72	54.00	156.50	D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							0.00
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.) :							1.5
Please enter additional information or comments below.							
Equipment above and below is close to VZW mount.. Pics 49 & 61							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				40

[illegible]



Ant on Standoff										
Ant on Tower	Raycap RHSDC-3315-	14.00	10.50	19.00	1-1/4" od	131.67	68.00		80.00	199
Ant on Tower										
Sector C										
Ant _{1a}										
Ant _{1b}	Amphonal LPA 800-80	6.00	13.00	72.00	1-5/8 tx	127.75	33.00	13.50	260.00	233
Ant _{1c}										
Ant _{2a}	Alcatel B4 RRH 2x60 -	10.50	5.50	36.00	Jumpers	128.417	25.00	-6.50	260.00	249
Ant _{2b}	SBNHH 1D-65B	12.00	7.00	72.00	Jumpers	126.083	53.00	8.50	260.00	249
Ant _{2c}										
Ant _{3a}	Alcatel B4 RRH 2x60 -	10.50	5.50	36.00	Jumpers	128.667	22.00	-7.00	260.00	243
Ant _{3b}	SBNHH 1D-65B	12.00	7.00	72.00	Jumpers	126.083	53.00	8.50	260.00	243
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	empty					130.333				248
Ant _{4c}										
Ant _{5a}										
Ant _{5b}	Amphonal LPA 800-80	6.00	13.00	72.00	1-5/8 tx	127.75	33.00	13.50	260.00	252
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		

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.



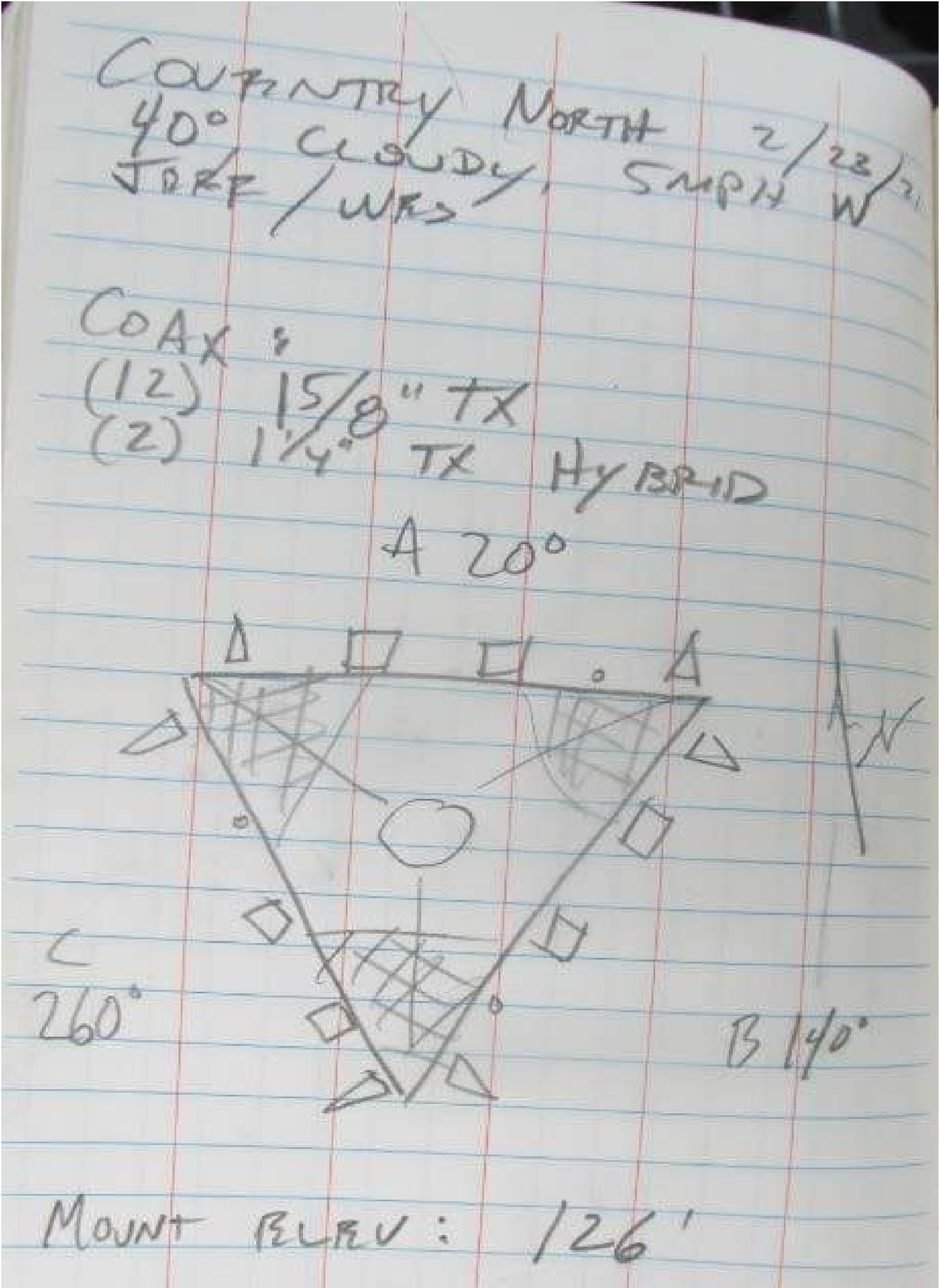
Antenna Mount Mapping Form (PATENT PENDING)

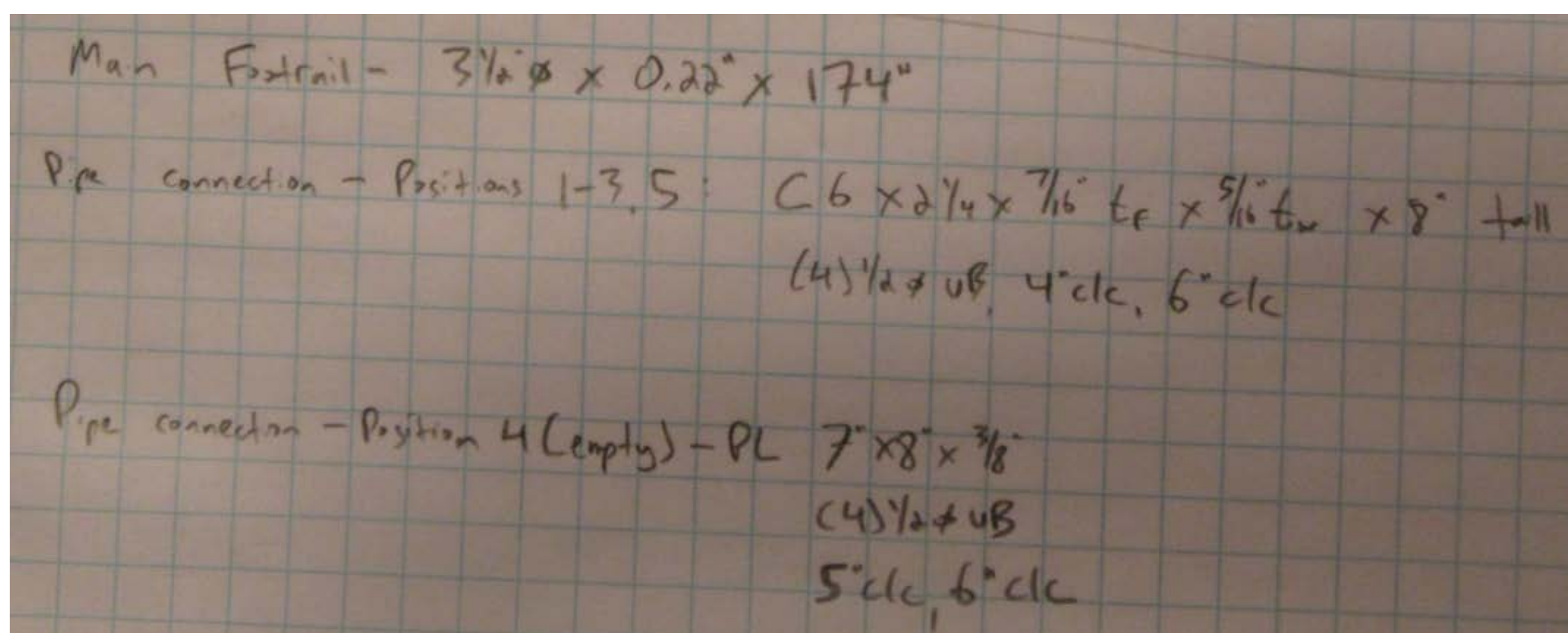
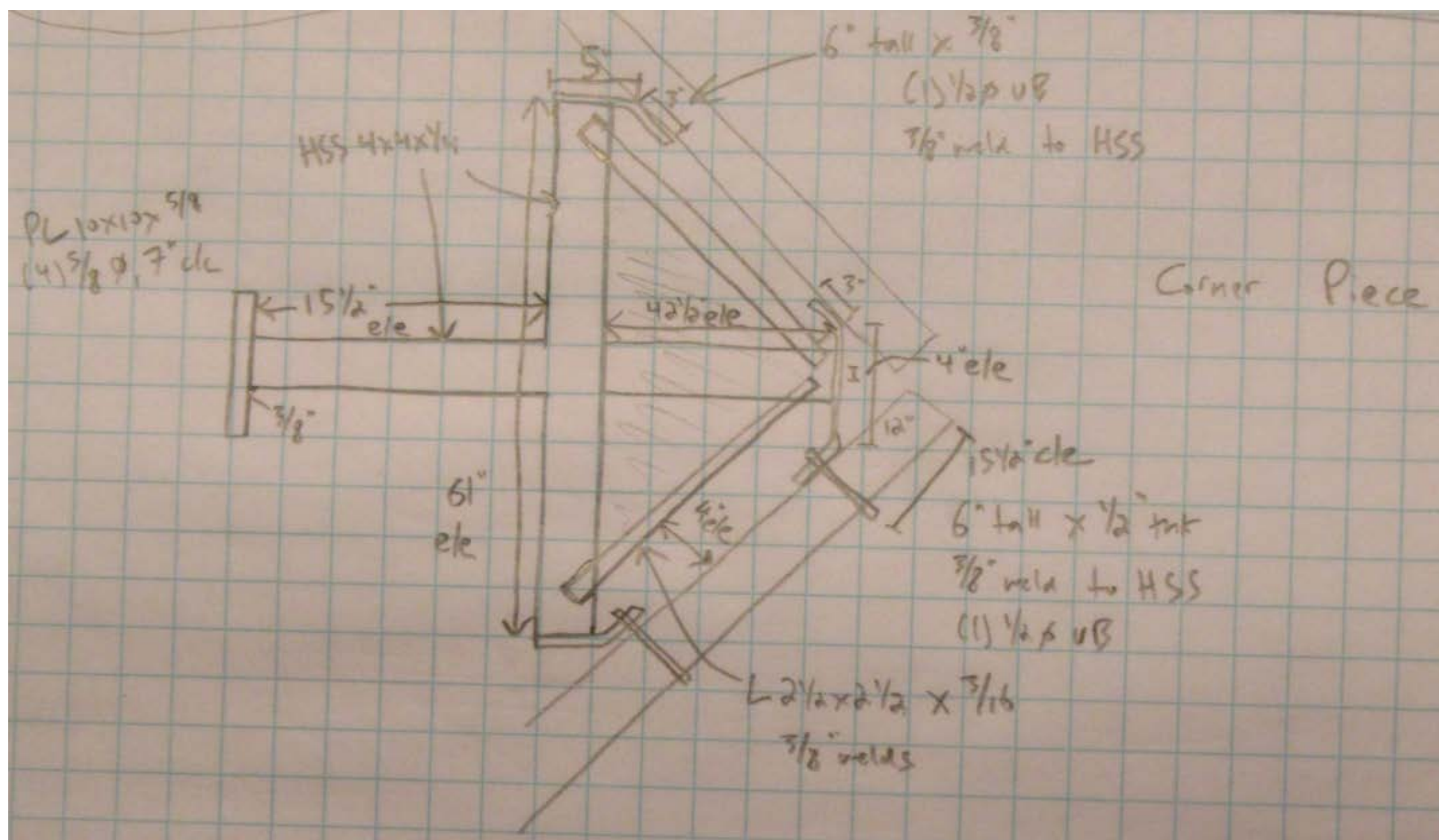
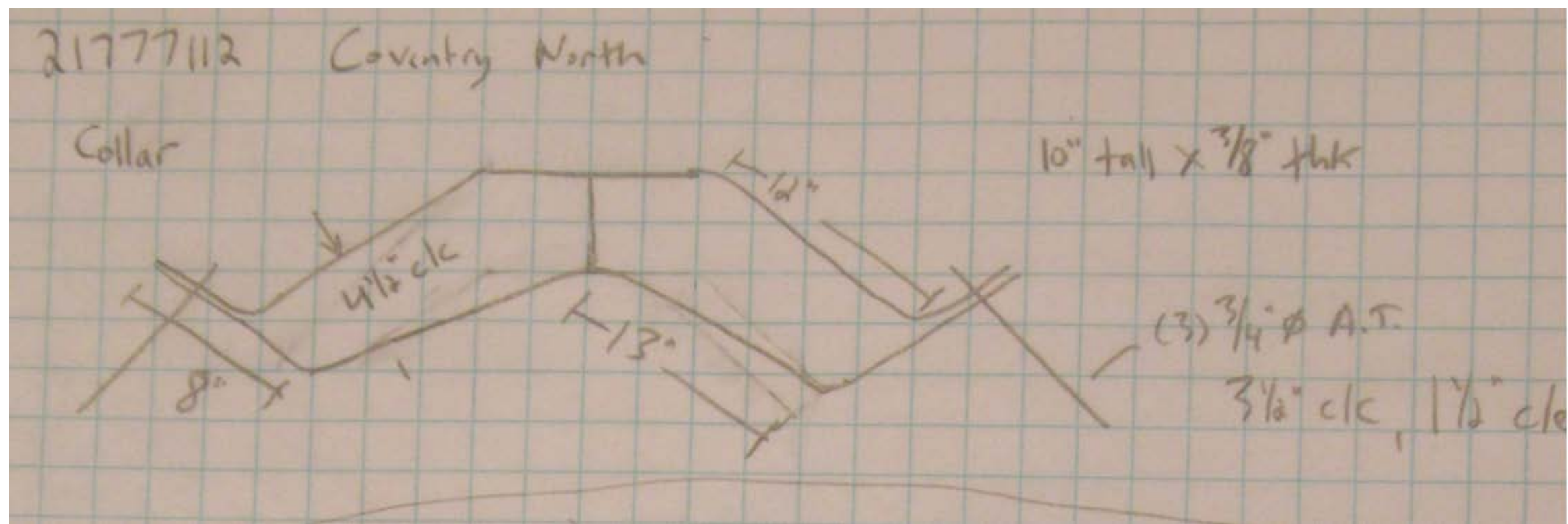
FCC #
N/A

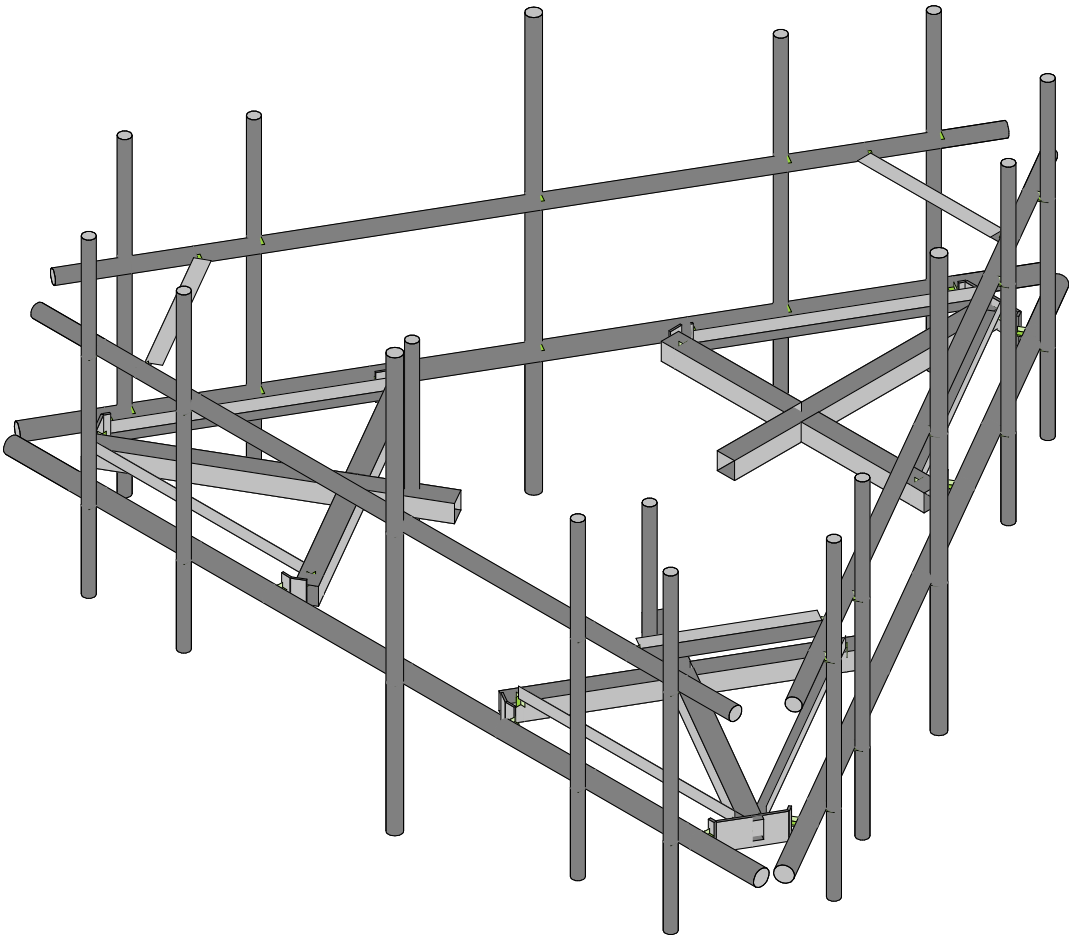
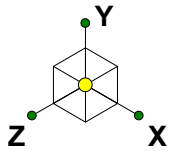
Tower Owner:	Crown Castle	Mapping Date:	2/23/2021
Site Name:	Coventry North CT	Tower Type:	Monopole
Site Number or ID:	16272145	Tower Height (Ft.):	
Mapping Contractor:	Structural Components	Mount Elevation (Ft.):	126

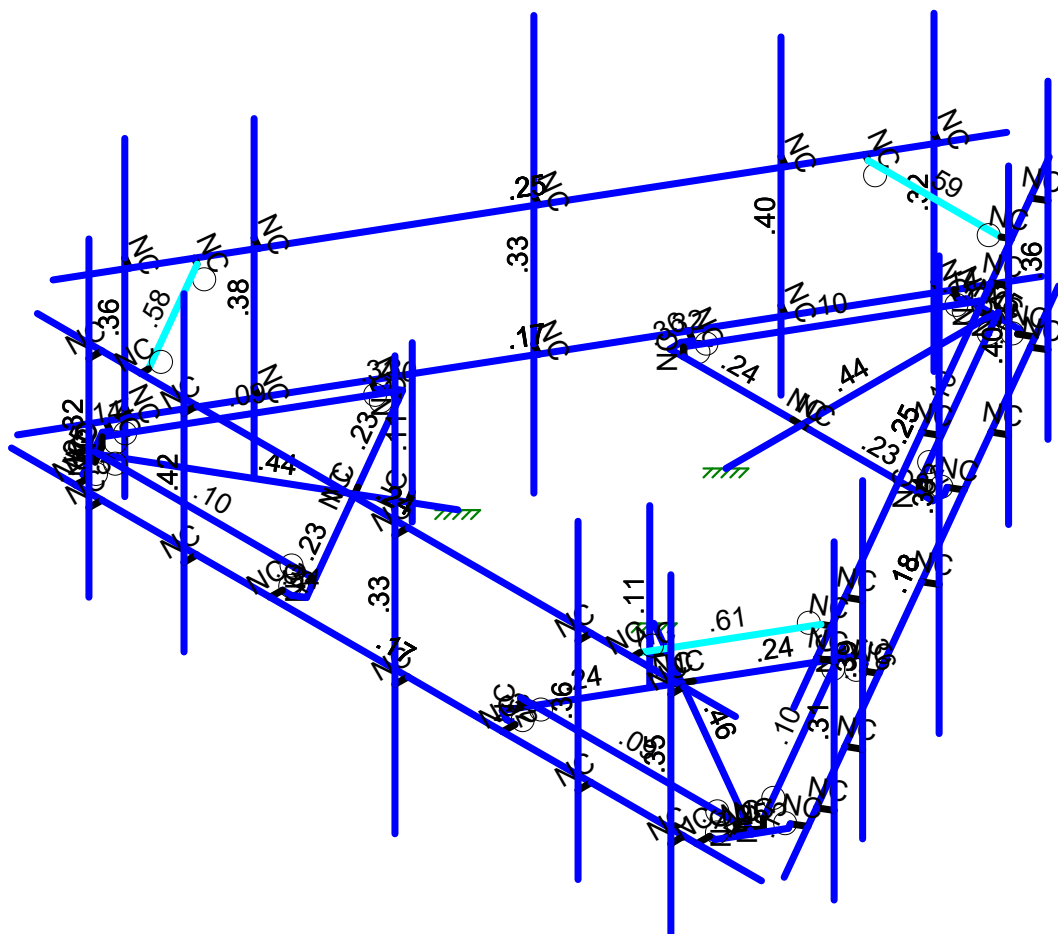
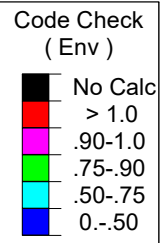
This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warranting the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.

Please Insert Sketches of the Antenna Mount

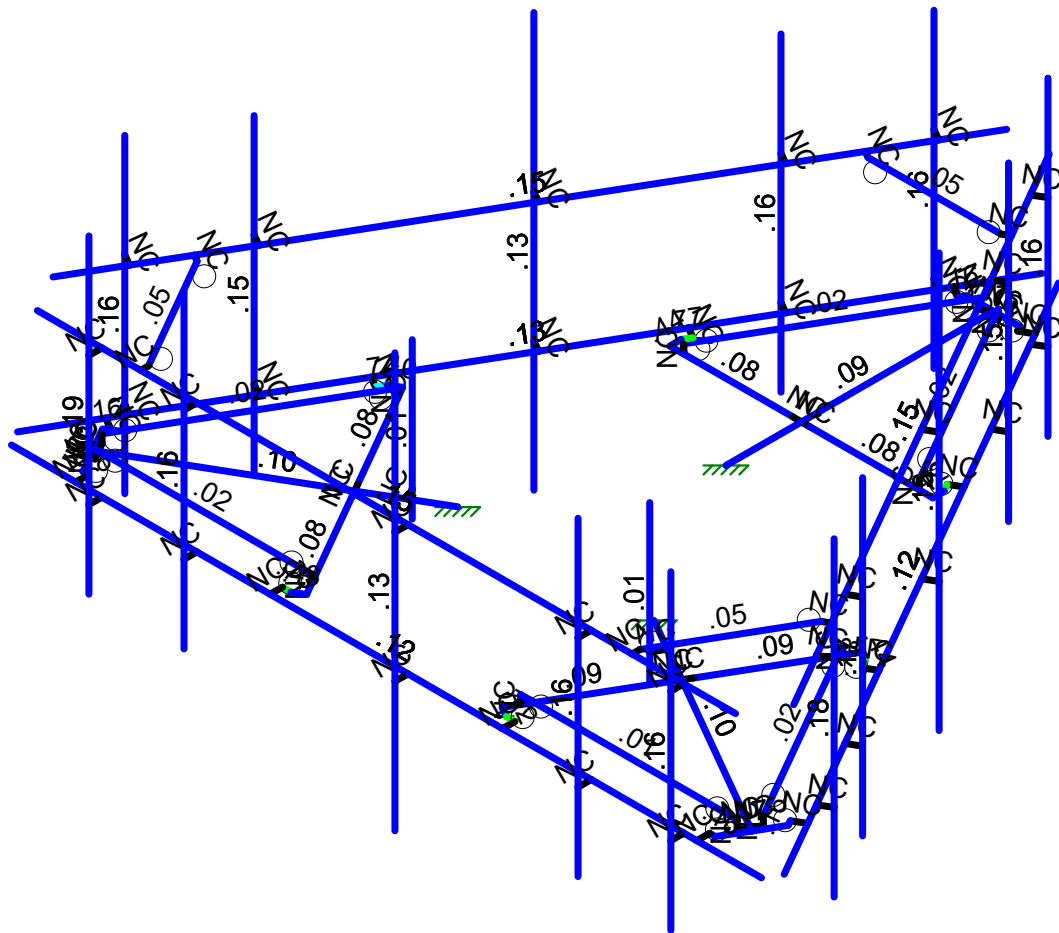
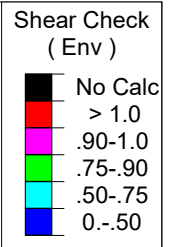
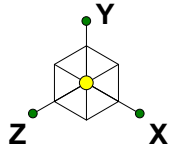








5000248208-VZW_MT_LO_H.r3d



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

Colliers Engineering & De...

Mount Analysis

SK - 3

July 6, 2023 at 11:09 AM

5000248208-VZW_MT_LO_H.r3d

Basic Load Cases

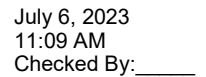
	BLC Description	Category	X Grav...	Y Grav...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/Wall)
1	Antenna D	None					114			
2	Antenna Di	None					114			
3	Antenna Wo (0...	None					114			
4	Antenna Wo (3...	None					114			
5	Antenna Wo (6...	None					114			
6	Antenna Wo (9...	None					114			
7	Antenna Wo (1...	None					114			
8	Antenna Wo (1...	None					114			
9	Antenna Wo (1...	None					114			
10	Antenna Wo (2...	None					114			
11	Antenna Wo (2...	None					114			
12	Antenna Wo (2...	None					114			
13	Antenna Wo (3...	None					114			
14	Antenna Wo (3...	None					114			
15	Antenna Wi (0 ...	None					114			
16	Antenna Wi (30...	None					114			
17	Antenna Wi (60...	None					114			
18	Antenna Wi (90...	None					114			
19	Antenna Wi (12...	None					114			
20	Antenna Wi (15...	None					114			
21	Antenna Wi (18...	None					114			
22	Antenna Wi (21...	None					114			
23	Antenna Wi (24...	None					114			
24	Antenna Wi (27...	None					114			
25	Antenna Wi (30...	None					114			
26	Antenna Wi (33...	None					114			
27	Antenna Wm (...)	None					114			
28	Antenna Wm (...)	None					114			
29	Antenna Wm (...)	None					114			
30	Antenna Wm (...)	None					114			
31	Antenna Wm (...)	None					114			
32	Antenna Wm (...)	None					114			
33	Antenna Wm (...)	None					114			
34	Antenna Wm (...)	None					114			
35	Antenna Wm (...)	None					114			
36	Antenna Wm (...)	None					114			
37	Antenna Wm (...)	None					114			
38	Antenna Wm (...)	None					114			
39	Structure D	None		-1					3	
40	Structure Di	None						62	3	
41	Structure Wo (...)	None						124		
42	Structure Wo (...)	None						124		
43	Structure Wo (...)	None						124		
44	Structure Wo (...)	None						124		
45	Structure Wo (...)	None						124		
46	Structure Wo (...)	None						124		
47	Structure Wo (...)	None						124		
48	Structure Wo (...)	None						124		
49	Structure Wo (...)	None						124		
50	Structure Wo (...)	None						124		
51	Structure Wo (...)	None						124		
52	Structure Wo (...)	None						124		
53	Structure Wi (...)	None						124		
54	Structure Wi (...)	None						124		
55	Structure Wi (...)	None						124		
56	Structure Wi (...)	None						124		
57	Structure Wi (...)	None						124		
58	Structure Wi (...)	None						124		

Basic Load Cases (Continued)

	BLC Description	Category	X Grav...	Y Grav...	Z Grav...	Joint	Point	Distrib...	Area(Member)	Surface(Plate/Wall)
59	Structure Wi (...)	None						124		
60	Structure Wi (...)	None						124		
61	Structure Wi (...)	None						124		
62	Structure Wi (...)	None						124		
63	Structure Wi (...)	None						124		
64	Structure Wi (...)	None						124		
65	Structure Wm ...	None						124		
66	Structure Wm ...	None						124		
67	Structure Wm ...	None						124		
68	Structure Wm ...	None						124		
69	Structure Wm ...	None						124		
70	Structure Wm ...	None						124		
71	Structure Wm ...	None						124		
72	Structure Wm ...	None						124		
73	Structure Wm ...	None						124		
74	Structure Wm ...	None						124		
75	Structure Wm ...	None						124		
76	Structure Wm ...	None						124		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					114			
82	Antenna Eh (0 ...	None					76			
83	Antenna Eh (90...	None					76			
84	Structure Ev	ELY							3	
85	Structure Eh (0...	ELZ			-.03				3	
86	Structure Eh (9...	ELX	.03						3	
87	BLC 39 Transie...	None						30		
88	BLC 40 Transie...	None						30		
89	BLC 84 Transie...	None								
90	BLC 85 Transie...	None						30		
91	BLC 86 Transie...	None						30		

Load Combinations

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



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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	7.25	0	4.373023	0	
2	N2	-7.25	0	4.373023	0	
3	N3	-0.	0	-2.192742	0	
4	N5	-2.541667	0	-3.651042	0	
5	N8	5.75	0	4.373023	0	
6	N9	5.75	0	4.623023	0	
7	N22	5.75	-1.5	4.623023	0	
8	N23	5.75	4.5	4.623023	0	
9	N24	-0.	0	-3.651042	0	
10	N27	-0.	0	-7.359375	0	
11	CP	0	0	0	0	
12	N101	2.541667	0	-3.651042	0	
13	N102	-0.166667	0	-3.651042	0	
14	N103A	0.166667	0	-3.651042	0	
15	N104A	-2.541667	0	-3.869792	0	
16	N105	2.541667	0	-3.869792	0	
17	N131	2.458333	0	-4.014129	0	
18	N135	0.571615	0	-7.262398	0	
19	N144	-2.458333	0	-4.014129	0	
20	N148	-0.571615	0	-7.262398	0	
21	N86A	2.663564	0	-4.132619	0	
22	N86B	-2.663564	0	-4.132619	0	
23	N86C	-0.515625	0	-7.359375	0	
24	N87A	0.515625	0	-7.359375	0	
25	N86D	0.785342	0	-7.385794	0	
26	N86E	-0.785342	0	-7.385794	0	
27	N88A	-0.	0	-7.276042	0	
28	N86G	0.186125	0	-7.276042	0	
29	N88C	-0.186125	0	-7.276042	0	
30	N54A	-0.186125	0.166667	-7.276042	0	
31	N55	0.186125	0.166667	-7.276042	0	
32	N40	-2.27902	0.166667	-3.651042	0	
33	N41	2.27902	0.166667	-3.651042	0	
34	N39	-2.27902	0	-3.651042	0	
35	N38	2.27902	0	-3.651042	0	
36	N36	0.162149	0	-8.465196	0	
37	N37	7.412149	0	4.092173	0	
38	N39A	-7.412149	0	4.092173	0	
39	N40A	-0.162149	0	-8.465196	0	
40	N40B	-1.89897	0	1.096371	0	
41	N41A	-1.891062	0	4.026669	0	
42	N42	-3.161895	0	1.825521	0	
43	N43	-6.373406	0	3.679688	0	
44	N45	-4.432728	0	-0.375627	0	
45	N46	-3.078562	0	1.969858	0	
46	N47	-3.245228	0	1.681183	0	
47	N48	-2.080505	0	4.136044	0	
48	N49	-4.622171	0	-0.266252	0	
49	N50	-4.705505	0	-0.121914	0	
50	N51	-6.575229	0	3.136166	0	
51	N52	-2.247171	0	4.136044	0	
52	N53	-6.003614	0	4.126232	0	
53	N54	-4.910735	0	-0.240404	0	
54	N55A	-2.247171	0	4.373023	0	
55	N56	-6.115593	0	4.126232	0	
56	N57	-6.631218	0	3.233143	0	
57	N58	-6.788956	0	3.012771	0	
58	N59	-6.003614	0	4.373023	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N60	-6.301237	0	3.638021	0	
60	N61	-6.394299	0	3.476832	0	
61	N62	-6.208174	0	3.79921	0	
62	N63	-6.208174	0.166667	3.79921	0	
63	N64	-6.394299	0.166667	3.476832	0	
64	N65	-2.022385	0.166667	3.79921	0	
65	N66	-4.301405	0.166667	-0.148168	0	
66	N67	-2.022385	0	3.79921	0	
67	N68	-4.301405	0	-0.148168	0	
68	N69	1.89897	0	1.096371	0	
69	N70	4.432728	0	-0.375627	0	
70	N71	3.161895	0	1.825521	0	
71	N72	6.373406	0	3.679688	0	
72	N74	1.891062	0	4.026669	0	
73	N75	3.245228	0	1.681183	0	
74	N76	3.078562	0	1.969858	0	
75	N77	4.622171	0	-0.266252	0	
76	N78	2.080505	0	4.136044	0	
77	N79	2.247171	0	4.136044	0	
78	N80	6.003614	0	4.126232	0	
79	N81	4.705505	0	-0.121915	0	
80	N82	6.575229	0	3.136166	0	
81	N83	2.247171	0	4.373023	0	
82	N84	4.910735	0	-0.240404	0	
83	N85	6.631218	0	3.233143	0	
84	N86	6.115593	0	4.126232	0	
85	N87	6.003614	0	4.373023	0	
86	N88	6.788956	0	3.012771	0	
87	N89	6.301237	0	3.638021	0	
88	N90	6.208174	0	3.79921	0	
89	N91	6.394299	0	3.476832	0	
90	N92	6.394299	0.166667	3.476832	0	
91	N93	6.208174	0.166667	3.79921	0	
92	N94	4.301405	0.166667	-0.148168	0	
93	N95	2.022385	0.166667	3.79921	0	
94	N96	4.301405	0	-0.148168	0	
95	N97	2.022385	0	3.79921	0	
96	N96A	3.958333	0	4.373023	0	
97	N97A	3.958333	0	4.623023	0	
98	N98	3.958333	-1.5	4.623023	0	
99	N99	3.958333	4.5	4.623023	0	
100	N100	0.416667	0	4.373023	0	
101	N101A	0.416667	0	4.623023	0	
102	N102A	0.416667	-2.5	4.623023	0	
103	N103	0.416667	5.5	4.623023	0	
104	N104	-3.666667	0	4.373023	0	
105	N105A	-3.666667	0	4.623023	0	
106	N106	-3.666667	-1.5	4.623023	0	
107	N107	-3.666667	4.5	4.623023	0	
108	N108	-5.5	0	4.373023	0	
109	N109	-5.5	0	4.623023	0	
110	N110	-5.5	-1.5	4.623023	0	
111	N111	-5.5	4.5	4.623023	0	
112	N112	0.912149	0	-7.166158	0	
113	N113	1.128656	0	-7.291158	0	
114	N114	1.128656	-1.5	-7.291158	0	
115	N115	1.128656	4.5	-7.291158	0	
116	N117	1.953816	0	-5.361938	0	
117	N118	2.170322	0	-5.486938	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N119	2.170322	-1.5	-5.486938	0	
119	N120	2.170322	4.5	-5.486938	0	
120	N121	3.787149	0	-2.186512	0	
121	N122	4.003656	0	-2.311512	0	
122	N123	4.003656	-2.5	-2.311512	0	
123	N124	4.003656	5.5	-2.311512	0	
124	N125	5.807983	0	1.313674	0	
125	N126	6.024489	0	1.188674	0	
126	N127	6.024489	-1.5	1.188674	0	
127	N128	6.024489	4.5	1.188674	0	
128	N129	6.557983	0	2.612712	0	
129	N130	6.774489	0	2.487712	0	
130	N131A	6.774489	-1.5	2.487712	0	
131	N132	6.774489	4.5	2.487712	0	
132	N133	-6.620483	0	2.720966	0	
133	N134	-6.836989	0	2.595966	0	
134	N135A	-6.836989	-1.5	2.595966	0	
135	N136	-6.836989	4.5	2.595966	0	
136	N138	-5.703816	0	1.133252	0	
137	N139	-5.920322	0	1.008252	0	
138	N140	-5.920322	-1.5	1.008252	0	
139	N141	-5.920322	4.5	1.008252	0	
140	N142	-3.724649	0	-2.294765	0	
141	N143	-3.941156	0	-2.419765	0	
142	N144A	-3.941156	-2.5	-2.419765	0	
143	N145	-3.941156	5.5	-2.419765	0	
144	N146	-1.974649	0	-5.325854	0	
145	N147	-2.191156	0	-5.450854	0	
146	N148A	-2.191156	-1.5	-5.450854	0	
147	N149	-2.191156	4.5	-5.450854	0	
148	N150	-0.891316	0	-7.202242	0	
149	N151	-1.107822	0	-7.327242	0	
150	N152	-1.107822	-1.5	-7.327242	0	
151	N153	-1.107822	4.5	-7.327242	0	
152	N152A	-2.512376	0	1.450521	0	
153	N153A	-2.637376	0	1.234014	0	
154	N154	-2.637376	-1.5	1.234014	0	
155	N155	-2.637376	2.5	1.234014	0	
156	N157	2.512376	0	1.450521	0	
157	N158	2.387376	0	1.667027	0	
158	N159	2.387376	-1.5	1.667027	0	
159	N160	2.387376	2.5	1.667027	0	
160	N160A	6.75	2.5	4.373023	0	
161	N161	-6.75	2.5	4.373023	0	
162	N162	5.75	2.5	4.373023	0	
163	N163	5.75	2.5	4.623023	0	
164	N164	3.958333	2.5	4.373023	0	
165	N165	3.958333	2.5	4.623023	0	
166	N166	0.416667	2.5	4.373023	0	
167	N167	0.416667	2.5	4.623023	0	
168	N168	-3.666667	2.5	4.373023	0	
169	N169	-3.666667	2.5	4.623023	0	
170	N170	-5.5	2.5	4.373023	0	
171	N171	-5.5	2.5	4.623023	0	
172	N173	0.412149	2.5	-8.032183	0	
173	N174	7.162149	2.5	3.65916	0	
174	N186	-7.162149	2.5	3.65916	0	
175	N187	-0.412149	2.5	-8.032183	0	
176	N196A	-4.75	2.5	4.373023	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N197A	4.75	2.5	4.373023	0	
178	N198	-4.75	2.5	4.223023	0	
179	N199	4.75	2.5	4.223023	0	
180	N201	6.162149	2.5	1.927109	0	
181	N202	1.412149	2.5	-6.300132	0	
182	N203	6.032245	2.5	2.002109	0	
183	N204	1.282245	2.5	-6.225132	0	
184	N206	-1.412149	2.5	-6.300132	0	
185	N207	-6.162149	2.5	1.927109	0	
186	N208	-1.282245	2.5	-6.225132	0	
187	N209	-6.032245	2.5	2.002109	0	
188	N188	0.912149	2.5	-7.166158	0	
189	N189	1.128656	2.5	-7.291158	0	
190	N190	1.953816	2.5	-5.361938	0	
191	N191	2.170322	2.5	-5.486938	0	
192	N192	3.787149	2.5	-2.186512	0	
193	N193	4.003656	2.5	-2.311512	0	
194	N194	5.807983	2.5	1.313674	0	
195	N195	6.024489	2.5	1.188674	0	
196	N196	6.557983	2.5	2.612712	0	
197	N197	6.774489	2.5	2.487712	0	
198	N198A	-6.620483	2.5	2.720966	0	
199	N199A	-6.836989	2.5	2.595966	0	
200	N200	-5.703816	2.5	1.133252	0	
201	N201A	-5.920322	2.5	1.008252	0	
202	N202A	-3.724649	2.5	-2.294765	0	
203	N203A	-3.941156	2.5	-2.419765	0	
204	N204A	-1.974649	2.5	-5.325854	0	
205	N205	-2.191156	2.5	-5.450854	0	
206	N206A	-0.891316	2.5	-7.202242	0	
207	N207A	-1.107822	2.5	-7.327242	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareT...	A500 Gr...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareT...	A500 Gr...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2.5x2.5x3	Beam	Single A...	A36 Gr.36	Typical	.901	.535	.535	.011
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Equipment Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	P2.5 Mount Pipe	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
11	Support Rail Corn...	L3X3X4	Beam	Single A...	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
6	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
7	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
8	M51B	N55	N41			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52B	N40	N54A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M58	N102	N24			RIGID	None	None	RIGID	Typical
11	M59	N24	N103A			RIGID	None	None	RIGID	Typical
12	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M79	N131	N86A			RIGID	None	None	RIGID	Typical
15	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M83	N135	N86D			RIGID	None	None	RIGID	Typical
17	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M88	N144	N86B			RIGID	None	None	RIGID	Typical
20	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M92	N148	N86E			RIGID	None	None	RIGID	Typical
22	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
23	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
24	M37A	N54A	N88C			RIGID	None	None	RIGID	Typical
25	M37B	N55	N86G			RIGID	None	None	RIGID	Typical
26	M28	N40	N39			RIGID	None	None	RIGID	Typical
27	M28A	N41	N38			RIGID	None	None	RIGID	Typical
28	M28B	N36	N37			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
29	M29	N39A	N40A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
30	M30	N40B	N43			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
31	M31	N45	N47			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
32	M32	N46	N41A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
33	M33	N56	N57			Corner Plate	Beam	BAR	A36 Gr.36	Typical
34	M34	N64	N66			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
35	M35	N65	N63			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
36	M36	N46	N42			RIGID	None	None	RIGID	Typical
37	M37	N42	N47			RIGID	None	None	RIGID	Typical
38	M38	N45	N49			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
39	M39	N49	N50			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M40	N50	N54			RIGID	None	None	RIGID	Typical
41	M41	N57	N51			Corner Plate	Beam	BAR	A36 Gr.36	Typical
42	M42	N51	N58			RIGID	None	None	RIGID	Typical
43	M43A	N41A	N48			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
44	M44	N48	N52			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M45	N52	N55A			RIGID	None	None	RIGID	Typical
46	M46A	N56	N53			Corner Plate	Beam	BAR	A36 Gr.36	Typical
47	M47	N53	N59			RIGID	None	None	RIGID	Typical
48	M48	N62	N60			RIGID	None	None	RIGID	Typical
49	M49	N60	N61			RIGID	None	None	RIGID	Typical
50	M50A	N63	N62			RIGID	None	None	RIGID	Typical
51	M51A	N64	N61			RIGID	None	None	RIGID	Typical
52	M52	N65	N67			RIGID	None	None	RIGID	Typical
53	M53	N66	N68			RIGID	None	None	RIGID	Typical
54	M54	N69	N72			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
55	M55	N74	N76			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
56	M56	N75	N70			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
57	M57	N85	N86			Corner Plate	Beam	BAR	A36 Gr.36	Typical
58	M58A	N93	N95			Grating Support	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
59	M59A	N94	N92			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M60	N75	N71			RIGID	None	None	RIGID	Typical
61	M61	N71	N76			RIGID	None	None	RIGID	Typical
62	M62	N74	N78			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
63	M63	N78	N79			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
64	M64	N79	N83			RIGID	None	None	RIGID	Typical
65	M65	N86	N80			Corner Plate	Beam	BAR	A36 Gr.36	Typical
66	M66	N80	N87			RIGID	None	None	RIGID	Typical
67	M67	N70	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
68	M68	N77	N81			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
69	M69	N81	N84			RIGID	None	None	RIGID	Typical
70	M70	N85	N82			Corner Plate	Beam	BAR	A36 Gr.36	Typical
71	M71	N82	N88			RIGID	None	None	RIGID	Typical
72	M72	N91	N89			RIGID	None	None	RIGID	Typical
73	M73	N89	N90			RIGID	None	None	RIGID	Typical
74	M74	N92	N91			RIGID	None	None	RIGID	Typical
75	M75	N93	N90			RIGID	None	None	RIGID	Typical
76	M76A	N94	N96			RIGID	None	None	RIGID	Typical
77	M77A	N95	N97			RIGID	None	None	RIGID	Typical
78	M78	N96A	N97A			RIGID	None	None	RIGID	Typical
79	MP2A	N99	N98			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
80	M80A	N100	N101A			RIGID	None	None	RIGID	Typical
81	MP3A	N103	N102A			P2.5 Mount Pi...	Column	Pipe	A53 Gr.B	Typical
82	M82	N104	N105A			RIGID	None	None	RIGID	Typical
83	MP4A	N107	N106			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M84A	N108	N109			RIGID	None	None	RIGID	Typical
85	MP5A	N111	N110			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M86	N112	N113			RIGID	None	None	RIGID	Typical
87	MP1C	N115	N114			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M88A	N117	N118			RIGID	None	None	RIGID	Typical
89	MP2C	N120	N119			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	M90	N121	N122			RIGID	None	None	RIGID	Typical
91	MP3C	N124	N123			P2.5 Mount Pi...	Column	Pipe	A53 Gr.B	Typical
92	M92A	N125	N126			RIGID	None	None	RIGID	Typical
93	MP4C	N128	N127			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94	N129	N130			RIGID	None	None	RIGID	Typical
95	MP5C	N132	N131A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M96	N133	N134			RIGID	None	None	RIGID	Typical
97	MP1B	N136	N135A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M98	N138	N139			RIGID	None	None	RIGID	Typical
99	MP2B	N141	N140			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N142	N143			RIGID	None	None	RIGID	Typical
101	MP3B	N145	N144A			P2.5 Mount Pi...	Column	Pipe	A53 Gr.B	Typical
102	M102	N146	N147			RIGID	None	None	RIGID	Typical
103	MP4B	N149	N148A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	M104	N150	N151			RIGID	None	None	RIGID	Typical
105	MP5B	N153	N152			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	M106	N155	N154			Equipment Pipe	Column	Pipe	A53 Gr.B	Typical
107	M107	N152A	N153A			RIGID	None	None	RIGID	Typical
108	M108	N160	N159			Equipment Pipe	Column	Pipe	A53 Gr.B	Typical
109	M109	N157	N158			RIGID	None	None	RIGID	Typical
110	M110	N160A	N161			Support Rail	Beam	Pipe	A53 Gr.B	Typical
111	M111	N162	N163			RIGID	None	None	RIGID	Typical
112	M112	N164	N165			RIGID	None	None	RIGID	Typical
113	M113	N166	N167			RIGID	None	None	RIGID	Typical
114	M114	N168	N169			RIGID	None	None	RIGID	Typical
115	M115	N170	N171			RIGID	None	None	RIGID	Typical
116	M116	N173	N174			Support Rail	Beam	Pipe	A53 Gr.B	Typical
117	M122	N186	N187			Support Rail	Beam	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
118	M128	N196A	N198			RIGID	None	None	RIGID	Typical
119	M129	N197A	N199			RIGID	None	None	RIGID	Typical
120	M130	N201	N203			RIGID	None	None	RIGID	Typical
121	M131	N202	N204			RIGID	None	None	RIGID	Typical
122	M132	N206	N208			RIGID	None	None	RIGID	Typical
123	M133	N207	N209			RIGID	None	None	RIGID	Typical
124	M134	N208	N204		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
125	M135	N198	N209		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
126	M136	N203	N199		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
127	M127	N188	N189			RIGID	None	None	RIGID	Typical
128	M128A	N190	N191			RIGID	None	None	RIGID	Typical
129	M129A	N192	N193			RIGID	None	None	RIGID	Typical
130	M130A	N194	N195			RIGID	None	None	RIGID	Typical
131	M131A	N196	N197			RIGID	None	None	RIGID	Typical
132	M132A	N198A	N199A			RIGID	None	None	RIGID	Typical
133	M133A	N200	N201A			RIGID	None	None	RIGID	Typical
134	M134A	N202A	N203A			RIGID	None	None	RIGID	Typical
135	M135A	N204A	N205			RIGID	None	None	RIGID	Typical
136	M136A	N206A	N207A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes	Default			None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	MP1A						Yes	** NA **			None
6	M43						Yes	Default			None
7	M46						Yes	Default			None
8	M51B	OOOOOX	OOOOOX				Yes	Default			None
9	M52B	OOOOOX	OOOOOX				Yes	Default			None
10	M58						Yes	** NA **			None
11	M59						Yes	** NA **			None
12	M76						Yes	** NA **			None
13	M77						Yes	** NA **			None
14	M79		BenPIN				Yes	** NA **			None
15	M80						Yes	** NA **			None
16	M83		BenPIN				Yes	** NA **			None
17	M84						Yes	** NA **			None
18	M85						Yes	** NA **			None
19	M88		BenPIN				Yes	** NA **			None
20	M91						Yes	** NA **			None
21	M92		BenPIN				Yes	** NA **			None
22	M50						Yes	** NA **			None
23	M51						Yes	** NA **			None
24	M37A						Yes	** NA **			None
25	M37B						Yes	** NA **			None
26	M28						Yes	** NA **			None
27	M28A						Yes	** NA **			None
28	M28B						Yes	Default			None
29	M29						Yes	Default			None
30	M30						Yes	Default			None
31	M31						Yes	Default			None
32	M32						Yes	Default			None
33	M33						Yes	Default			None
34	M34	OOOOOX	OOOOOX				Yes	Default			None
35	M35	OOOOOX	OOOOOX				Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40		BenPIN				Yes	** NA **			None
41	M41						Yes	** NA **			None
42	M42		BenPIN				Yes	** NA **			None
43	M43A						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45		BenPIN				Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47		BenPIN				Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51A						Yes	** NA **			None
52	M52						Yes	** NA **			None
53	M53						Yes	** NA **			None
54	M54						Yes	Default			None
55	M55						Yes	Default			None
56	M56						Yes	Default			None
57	M57						Yes	Default			None
58	M58A	OOOOOX	OOOOOX				Yes	Default			None
59	M59A	OOOOOX	OOOOOX				Yes	Default			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64		BenPIN				Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66		BenPIN				Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69		BenPIN				Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71		BenPIN				Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73						Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A						Yes	** NA **			None
77	M77A						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	MP2A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	MP3A						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	MP4A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	MP5A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP1C						Yes	** NA **			None
88	M88A						Yes	** NA **			None
89	MP2C						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	MP3C						Yes	** NA **			None
92	M92A						Yes	** NA **			None
93	MP4C						Yes	** NA **			None
94	M94						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...
95	MP5C						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	MP1B						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	MP2B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	MP3B						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	MP4B						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	MP5B						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	Default			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	Default			None
117	M122						Yes	Default			None
118	M128	OOOOOX					Yes	** NA **			None
119	M129	OOOOOX					Yes	** NA **			None
120	M130	OOOOOX					Yes	** NA **			None
121	M131	OOOOOX					Yes	** NA **			None
122	M132	OOOOOX					Yes	** NA **			None
123	M133	OOOOOX					Yes	** NA **			None
124	M134						Yes	Default			None
125	M135						Yes	Default			None
126	M136						Yes	Default			None
127	M127						Yes	** NA **			None
128	M128A						Yes	** NA **			None
129	M129A						Yes	** NA **			None
130	M130A						Yes	** NA **			None
131	M131A						Yes	** NA **			None
132	M132A						Yes	** NA **			None
133	M133A						Yes	** NA **			None
134	M134A						Yes	** NA **			None
135	M135A						Yes	** NA **			None
136	M136A						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP3A	Y	-17.6	1.5
2	MP3A	My	.009	1.5
3	MP3A	Mz	0	1.5
4	MP3B	Y	-17.6	1.5
5	MP3B	My	-.004	1.5
6	MP3B	Mz	.008	1.5
7	MP3C	Y	-17.6	1.5
8	MP3C	My	-.004	1.5
9	MP3C	Mz	-.008	1.5
10	MP1A	Y	-22.95	.25
11	MP1A	My	-.011	.25
12	MP1A	Mz	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	Y	-22.95	3.75
14	MP1A	My	-.011	3.75
15	MP1A	Mz	0	3.75
16	MP1B	Y	-22.95	.25
17	MP1B	My	.006	.25
18	MP1B	Mz	-.01	.25
19	MP1B	Y	-22.95	3.75
20	MP1B	My	.006	3.75
21	MP1B	Mz	-.01	3.75
22	MP1C	Y	-22.95	.25
23	MP1C	My	.006	.25
24	MP1C	Mz	.01	.25
25	MP1C	Y	-22.95	3.75
26	MP1C	My	.006	3.75
27	MP1C	Mz	.01	3.75
28	MP3A	Y	-21.85	.25
29	MP3A	My	-.011	.25
30	MP3A	Mz	-.013	.25
31	MP3A	Y	-21.85	3.75
32	MP3A	My	-.011	3.75
33	MP3A	Mz	-.013	3.75
34	MP3B	Y	-21.85	.25
35	MP3B	My	.017	.25
36	MP3B	Mz	-.003	.25
37	MP3B	Y	-21.85	3.75
38	MP3B	My	.017	3.75
39	MP3B	Mz	-.003	3.75
40	MP3C	Y	-21.85	.25
41	MP3C	My	-.006	.25
42	MP3C	Mz	.016	.25
43	MP3C	Y	-21.85	3.75
44	MP3C	My	-.006	3.75
45	MP3C	Mz	.016	3.75
46	MP3A	Y	-32.3	.25
47	MP3A	My	-.016	.25
48	MP3A	Mz	.019	.25
49	MP3A	Y	-32.3	3.75
50	MP3A	My	-.016	3.75
51	MP3A	Mz	.019	3.75
52	MP3B	Y	-32.3	.25
53	MP3B	My	-.008	.25
54	MP3B	Mz	-.023	.25
55	MP3B	Y	-32.3	3.75
56	MP3B	My	-.008	3.75
57	MP3B	Mz	-.023	3.75
58	MP3C	Y	-32.3	.25
59	MP3C	My	.024	.25
60	MP3C	Mz	.005	.25
61	MP3C	Y	-32.3	3.75
62	MP3C	My	.024	3.75
63	MP3C	Mz	.005	3.75
64	MP5A	Y	-43.55	1
65	MP5A	My	-.022	1
66	MP5A	Mz	0	1
67	MP5A	Y	-43.55	3
68	MP5A	My	-.022	3
69	MP5A	Mz	0	3
70	MP5B	Y	-43.55	1
71	MP5B	My	.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mz	-.019	1
73	MP5B	Y	-43.55	3
74	MP5B	My	.011	3
75	MP5B	Mz	-.019	3
76	MP5C	Y	-43.55	1
77	MP5C	My	.011	1
78	MP5C	Mz	.019	1
79	MP5C	Y	-43.55	3
80	MP5C	My	.011	3
81	MP5C	Mz	.019	3
82	M106	Y	-32	1
83	M106	My	0	1
84	M106	Mz	0	1
85	M108	Y	-32	1
86	M108	My	0	1
87	M108	Mz	0	1
88	MP1A	Y	-18.7	1.5
89	MP1A	My	.009	1.5
90	MP1A	Mz	0	1.5
91	MP1B	Y	-18.7	1.5
92	MP1B	My	-.005	1.5
93	MP1B	Mz	.008	1.5
94	MP1C	Y	-18.7	1.5
95	MP1C	My	-.005	1.5
96	MP1C	Mz	-.008	1.5
97	MP4A	Y	-74.7	1.5
98	MP4A	My	.037	1.5
99	MP4A	Mz	0	1.5
100	MP4B	Y	-74.7	1.5
101	MP4B	My	-.019	1.5
102	MP4B	Mz	.032	1.5
103	MP4C	Y	-74.7	1.5
104	MP4C	My	-.019	1.5
105	MP4C	Mz	-.032	1.5
106	MP2A	Y	-70.3	1.5
107	MP2A	My	.035	1.5
108	MP2A	Mz	0	1.5
109	MP2B	Y	-70.3	1.5
110	MP2B	My	-.018	1.5
111	MP2B	Mz	.03	1.5
112	MP2C	Y	-70.3	1.5
113	MP2C	My	-.018	1.5
114	MP2C	Mz	-.03	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	Y	-28.528	1.5
2	MP3A	My	.014	1.5
3	MP3A	Mz	0	1.5
4	MP3B	Y	-28.528	1.5
5	MP3B	My	-.007	1.5
6	MP3B	Mz	.012	1.5
7	MP3C	Y	-28.528	1.5
8	MP3C	My	-.007	1.5
9	MP3C	Mz	-.012	1.5
10	MP1A	Y	-104.923	.25
11	MP1A	My	-.052	.25
12	MP1A	Mz	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	Y	-104.923	3.75
14	MP1A	My	-.052	3.75
15	MP1A	Mz	0	3.75
16	MP1B	Y	-104.923	.25
17	MP1B	My	.026	.25
18	MP1B	Mz	-.045	.25
19	MP1B	Y	-104.923	3.75
20	MP1B	My	.026	3.75
21	MP1B	Mz	-.045	3.75
22	MP1C	Y	-104.923	.25
23	MP1C	My	.026	.25
24	MP1C	Mz	.045	.25
25	MP1C	Y	-104.923	3.75
26	MP1C	My	.026	3.75
27	MP1C	Mz	.045	3.75
28	MP3A	Y	-94.568	.25
29	MP3A	My	-.047	.25
30	MP3A	Mz	-.055	.25
31	MP3A	Y	-94.568	3.75
32	MP3A	My	-.047	3.75
33	MP3A	Mz	-.055	3.75
34	MP3B	Y	-94.568	.25
35	MP3B	My	.071	.25
36	MP3B	Mz	-.013	.25
37	MP3B	Y	-94.568	3.75
38	MP3B	My	.071	3.75
39	MP3B	Mz	-.013	3.75
40	MP3C	Y	-94.568	.25
41	MP3C	My	-.024	.25
42	MP3C	Mz	.069	.25
43	MP3C	Y	-94.568	3.75
44	MP3C	My	-.024	3.75
45	MP3C	Mz	.069	3.75
46	MP3A	Y	-94.568	.25
47	MP3A	My	-.047	.25
48	MP3A	Mz	.055	.25
49	MP3A	Y	-94.568	3.75
50	MP3A	My	-.047	3.75
51	MP3A	Mz	.055	3.75
52	MP3B	Y	-94.568	.25
53	MP3B	My	-.024	.25
54	MP3B	Mz	-.069	.25
55	MP3B	Y	-94.568	3.75
56	MP3B	My	-.024	3.75
57	MP3B	Mz	-.069	3.75
58	MP3C	Y	-94.568	.25
59	MP3C	My	.071	.25
60	MP3C	Mz	.013	.25
61	MP3C	Y	-94.568	3.75
62	MP3C	My	.071	3.75
63	MP3C	Mz	.013	3.75
64	MP5A	Y	-55.815	1
65	MP5A	My	-.028	1
66	MP5A	Mz	0	1
67	MP5A	Y	-55.815	3
68	MP5A	My	-.028	3
69	MP5A	Mz	0	3
70	MP5B	Y	-55.815	1
71	MP5B	My	.014	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mz	-.024	1
73	MP5B	Y	-55.815	3
74	MP5B	My	.014	3
75	MP5B	Mz	-.024	3
76	MP5C	Y	-55.815	1
77	MP5C	My	.014	1
78	MP5C	Mz	.024	1
79	MP5C	Y	-55.815	3
80	MP5C	My	.014	3
81	MP5C	Mz	.024	3
82	M106	Y	-118.464	1
83	M106	My	0	1
84	M106	Mz	0	1
85	M108	Y	-118.464	1
86	M108	My	0	1
87	M108	Mz	0	1
88	MP1A	Y	-32.423	1.5
89	MP1A	My	.016	1.5
90	MP1A	Mz	0	1.5
91	MP1B	Y	-32.423	1.5
92	MP1B	My	-.008	1.5
93	MP1B	Mz	.014	1.5
94	MP1C	Y	-32.423	1.5
95	MP1C	My	-.008	1.5
96	MP1C	Mz	-.014	1.5
97	MP4A	Y	-70.922	1.5
98	MP4A	My	.035	1.5
99	MP4A	Mz	0	1.5
100	MP4B	Y	-70.922	1.5
101	MP4B	My	-.018	1.5
102	MP4B	Mz	.031	1.5
103	MP4C	Y	-70.922	1.5
104	MP4C	My	-.018	1.5
105	MP4C	Mz	-.031	1.5
106	MP2A	Y	-67.655	1.5
107	MP2A	My	.034	1.5
108	MP2A	Mz	0	1.5
109	MP2B	Y	-67.655	1.5
110	MP2B	My	-.017	1.5
111	MP2B	Mz	.029	1.5
112	MP2C	Y	-67.655	1.5
113	MP2C	My	-.017	1.5
114	MP2C	Mz	-.029	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	0	1.5
2	MP3A	Z	-30.483	1.5
3	MP3A	Mx	0	1.5
4	MP3B	X	0	1.5
5	MP3B	Z	-14.555	1.5
6	MP3B	Mx	-.006	1.5
7	MP3C	X	0	1.5
8	MP3C	Z	-14.555	1.5
9	MP3C	Mx	.006	1.5
10	MP1A	X	0	.25
11	MP1A	Z	-146.543	.25
12	MP1A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	0	3.75
14	MP1A	Z	-146.543	3.75
15	MP1A	Mx	0	3.75
16	MP1B	X	0	.25
17	MP1B	Z	-109.75	.25
18	MP1B	Mx	.048	.25
19	MP1B	X	0	3.75
20	MP1B	Z	-109.75	3.75
21	MP1B	Mx	.048	3.75
22	MP1C	X	0	.25
23	MP1C	Z	-109.75	.25
24	MP1C	Mx	-.048	.25
25	MP1C	X	0	3.75
26	MP1C	Z	-109.75	3.75
27	MP1C	Mx	-.048	3.75
28	MP3A	X	0	.25
29	MP3A	Z	-86.211	.25
30	MP3A	Mx	.05	.25
31	MP3A	X	0	3.75
32	MP3A	Z	-86.211	3.75
33	MP3A	Mx	.05	3.75
34	MP3B	X	0	.25
35	MP3B	Z	-49.297	.25
36	MP3B	Mx	.007	.25
37	MP3B	X	0	3.75
38	MP3B	Z	-49.297	3.75
39	MP3B	Mx	.007	3.75
40	MP3C	X	0	.25
41	MP3C	Z	-49.297	.25
42	MP3C	Mx	-.036	.25
43	MP3C	X	0	3.75
44	MP3C	Z	-49.297	3.75
45	MP3C	Mx	-.036	3.75
46	MP3A	X	0	.25
47	MP3A	Z	-127.808	.25
48	MP3A	Mx	-.075	.25
49	MP3A	X	0	3.75
50	MP3A	Z	-127.808	3.75
51	MP3A	Mx	-.075	3.75
52	MP3B	X	0	.25
53	MP3B	Z	-95.559	.25
54	MP3B	Mx	.069	.25
55	MP3B	X	0	3.75
56	MP3B	Z	-95.559	3.75
57	MP3B	Mx	.069	3.75
58	MP3C	X	0	.25
59	MP3C	Z	-95.559	.25
60	MP3C	Mx	-.014	.25
61	MP3C	X	0	3.75
62	MP3C	Z	-95.559	3.75
63	MP3C	Mx	-.014	3.75
64	MP5A	X	0	1
65	MP5A	Z	-62.237	1
66	MP5A	Mx	0	1
67	MP5A	X	0	3
68	MP5A	Z	-62.237	3
69	MP5A	Mx	0	3
70	MP5B	X	0	1
71	MP5B	Z	-31.635	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	.014	1
73	MP5B	X	0	3
74	MP5B	Z	-31.635	3
75	MP5B	Mx	.014	3
76	MP5C	X	0	1
77	MP5C	Z	-31.635	1
78	MP5C	Mx	-.014	1
79	MP5C	X	0	3
80	MP5C	Z	-31.635	3
81	MP5C	Mx	-.014	3
82	M106	X	0	1
83	M106	Z	-120.346	1
84	M106	Mx	0	1
85	M108	X	0	1
86	M108	Z	-120.346	1
87	M108	Mx	0	1
88	MP1A	X	0	1.5
89	MP1A	Z	-22.863	1.5
90	MP1A	Mx	0	1.5
91	MP1B	X	0	1.5
92	MP1B	Z	-13.813	1.5
93	MP1B	Mx	-.006	1.5
94	MP1C	X	0	1.5
95	MP1C	Z	-13.813	1.5
96	MP1C	Mx	.006	1.5
97	MP4A	X	0	1.5
98	MP4A	Z	-49.218	1.5
99	MP4A	Mx	0	1.5
100	MP4B	X	0	1.5
101	MP4B	Z	-37.072	1.5
102	MP4B	Mx	-.016	1.5
103	MP4C	X	0	1.5
104	MP4C	Z	-37.072	1.5
105	MP4C	Mx	.016	1.5
106	MP2A	X	0	1.5
107	MP2A	Z	-49.218	1.5
108	MP2A	Mx	0	1.5
109	MP2B	X	0	1.5
110	MP2B	Z	-34.691	1.5
111	MP2B	Mx	-.015	1.5
112	MP2C	X	0	1.5
113	MP2C	Z	-34.691	1.5
114	MP2C	Mx	.015	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	12.587	1.5
2	MP3A	Z	-21.801	1.5
3	MP3A	Mx	.006	1.5
4	MP3B	X	4.623	1.5
5	MP3B	Z	-8.007	1.5
6	MP3B	Mx	-.005	1.5
7	MP3C	X	12.587	1.5
8	MP3C	Z	-21.801	1.5
9	MP3C	Mx	.006	1.5
10	MP1A	X	67.139	.25
11	MP1A	Z	-116.289	.25
12	MP1A	Mx	-.034	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	67.139	3.75
14	MP1A	Z	-116.289	3.75
15	MP1A	Mx	-.034	3.75
16	MP1B	X	48.743	.25
17	MP1B	Z	-84.425	.25
18	MP1B	Mx	.049	.25
19	MP1B	X	48.743	3.75
20	MP1B	Z	-84.425	3.75
21	MP1B	Mx	.049	3.75
22	MP1C	X	67.139	.25
23	MP1C	Z	-116.289	.25
24	MP1C	Mx	-.034	.25
25	MP1C	X	67.139	3.75
26	MP1C	Z	-116.289	3.75
27	MP1C	Mx	-.034	3.75
28	MP3A	X	36.953	.25
29	MP3A	Z	-64.005	.25
30	MP3A	Mx	.019	.25
31	MP3A	X	36.953	3.75
32	MP3A	Z	-64.005	3.75
33	MP3A	Mx	.019	3.75
34	MP3B	X	18.496	.25
35	MP3B	Z	-32.037	.25
36	MP3B	Mx	.018	.25
37	MP3B	X	18.496	3.75
38	MP3B	Z	-32.037	3.75
39	MP3B	Mx	.018	3.75
40	MP3C	X	36.953	.25
41	MP3C	Z	-64.005	.25
42	MP3C	Mx	-.056	.25
43	MP3C	X	36.953	3.75
44	MP3C	Z	-64.005	3.75
45	MP3C	Mx	-.056	3.75
46	MP3A	X	58.529	.25
47	MP3A	Z	-101.376	.25
48	MP3A	Mx	-.088	.25
49	MP3A	X	58.529	3.75
50	MP3A	Z	-101.376	3.75
51	MP3A	Mx	-.088	3.75
52	MP3B	X	42.404	.25
53	MP3B	Z	-73.446	.25
54	MP3B	Mx	.042	.25
55	MP3B	X	42.404	3.75
56	MP3B	Z	-73.446	3.75
57	MP3B	Mx	.042	3.75
58	MP3C	X	58.529	.25
59	MP3C	Z	-101.376	.25
60	MP3C	Mx	.03	.25
61	MP3C	X	58.529	3.75
62	MP3C	Z	-101.376	3.75
63	MP3C	Mx	.03	3.75
64	MP5A	X	26.018	1
65	MP5A	Z	-45.065	1
66	MP5A	Mx	-.013	1
67	MP5A	X	26.018	3
68	MP5A	Z	-45.065	3
69	MP5A	Mx	-.013	3
70	MP5B	X	10.717	1
71	MP5B	Z	-18.562	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	.011	1
73	MP5B	X	10.717	3
74	MP5B	Z	-18.562	3
75	MP5B	Mx	.011	3
76	MP5C	X	26.018	1
77	MP5C	Z	-45.065	1
78	MP5C	Mx	-.013	1
79	MP5C	X	26.018	3
80	MP5C	Z	-45.065	3
81	MP5C	Mx	-.013	3
82	M106	X	55.087	1
83	M106	Z	-95.414	1
84	M106	Mx	0	1
85	M108	X	55.087	1
86	M108	Z	-95.414	1
87	M108	Mx	0	1
88	MP1A	X	9.923	1.5
89	MP1A	Z	-17.187	1.5
90	MP1A	Mx	.005	1.5
91	MP1B	X	5.398	1.5
92	MP1B	Z	-9.35	1.5
93	MP1B	Mx	-.005	1.5
94	MP1C	X	9.923	1.5
95	MP1C	Z	-17.187	1.5
96	MP1C	Mx	.005	1.5
97	MP4A	X	22.585	1.5
98	MP4A	Z	-39.118	1.5
99	MP4A	Mx	.011	1.5
100	MP4B	X	16.512	1.5
101	MP4B	Z	-28.599	1.5
102	MP4B	Mx	-.017	1.5
103	MP4C	X	22.585	1.5
104	MP4C	Z	-39.118	1.5
105	MP4C	Mx	.011	1.5
106	MP2A	X	22.188	1.5
107	MP2A	Z	-38.43	1.5
108	MP2A	Mx	.011	1.5
109	MP2B	X	14.924	1.5
110	MP2B	Z	-25.849	1.5
111	MP2B	Mx	-.015	1.5
112	MP2C	X	22.188	1.5
113	MP2C	Z	-38.43	1.5
114	MP2C	Mx	.011	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	12.605	1.5
2	MP3A	Z	-7.278	1.5
3	MP3A	Mx	.006	1.5
4	MP3B	X	12.605	1.5
5	MP3B	Z	-7.278	1.5
6	MP3B	Mx	-.006	1.5
7	MP3C	X	26.399	1.5
8	MP3C	Z	-15.242	1.5
9	MP3C	Mx	0	1.5
10	MP1A	X	95.046	.25
11	MP1A	Z	-54.875	.25
12	MP1A	Mx	-.048	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	95.046	3.75
14	MP1A	Z	-54.875	3.75
15	MP1A	Mx	-.048	3.75
16	MP1B	X	95.046	.25
17	MP1B	Z	-54.875	.25
18	MP1B	Mx	.048	.25
19	MP1B	X	95.046	3.75
20	MP1B	Z	-54.875	3.75
21	MP1B	Mx	.048	3.75
22	MP1C	X	126.91	.25
23	MP1C	Z	-73.271	.25
24	MP1C	Mx	0	.25
25	MP1C	X	126.91	3.75
26	MP1C	Z	-73.271	3.75
27	MP1C	Mx	0	3.75
28	MP3A	X	42.693	.25
29	MP3A	Z	-24.649	.25
30	MP3A	Mx	-.007	.25
31	MP3A	X	42.693	3.75
32	MP3A	Z	-24.649	3.75
33	MP3A	Mx	-.007	3.75
34	MP3B	X	42.693	.25
35	MP3B	Z	-24.649	.25
36	MP3B	Mx	.036	.25
37	MP3B	X	42.693	3.75
38	MP3B	Z	-24.649	3.75
39	MP3B	Mx	.036	3.75
40	MP3C	X	74.661	.25
41	MP3C	Z	-43.106	.25
42	MP3C	Mx	-.05	.25
43	MP3C	X	74.661	3.75
44	MP3C	Z	-43.106	3.75
45	MP3C	Mx	-.05	3.75
46	MP3A	X	82.756	.25
47	MP3A	Z	-47.779	.25
48	MP3A	Mx	-.069	.25
49	MP3A	X	82.756	3.75
50	MP3A	Z	-47.779	3.75
51	MP3A	Mx	-.069	3.75
52	MP3B	X	82.756	.25
53	MP3B	Z	-47.779	.25
54	MP3B	Mx	.014	.25
55	MP3B	X	82.756	3.75
56	MP3B	Z	-47.779	3.75
57	MP3B	Mx	.014	3.75
58	MP3C	X	110.685	.25
59	MP3C	Z	-63.904	.25
60	MP3C	Mx	.075	.25
61	MP3C	X	110.685	3.75
62	MP3C	Z	-63.904	3.75
63	MP3C	Mx	.075	3.75
64	MP5A	X	27.396	1
65	MP5A	Z	-15.817	1
66	MP5A	Mx	-.014	1
67	MP5A	X	27.396	3
68	MP5A	Z	-15.817	3
69	MP5A	Mx	-.014	3
70	MP5B	X	27.396	1
71	MP5B	Z	-15.817	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	.014	1
73	MP5B	X	27.396	3
74	MP5B	Z	-15.817	3
75	MP5B	Mx	.014	3
76	MP5C	X	53.899	1
77	MP5C	Z	-31.119	1
78	MP5C	Mx	0	1
79	MP5C	X	53.899	3
80	MP5C	Z	-31.119	3
81	MP5C	Mx	0	3
82	M106	X	77.796	1
83	M106	Z	-44.916	1
84	M106	Mx	0	1
85	M108	X	77.796	1
86	M108	Z	-44.916	1
87	M108	Mx	0	1
88	MP1A	X	11.962	1.5
89	MP1A	Z	-6.906	1.5
90	MP1A	Mx	.006	1.5
91	MP1B	X	11.962	1.5
92	MP1B	Z	-6.906	1.5
93	MP1B	Mx	-.006	1.5
94	MP1C	X	19.8	1.5
95	MP1C	Z	-11.431	1.5
96	MP1C	Mx	0	1.5
97	MP4A	X	32.106	1.5
98	MP4A	Z	-18.536	1.5
99	MP4A	Mx	.016	1.5
100	MP4B	X	32.106	1.5
101	MP4B	Z	-18.536	1.5
102	MP4B	Mx	-.016	1.5
103	MP4C	X	42.624	1.5
104	MP4C	Z	-24.609	1.5
105	MP4C	Mx	0	1.5
106	MP2A	X	30.043	1.5
107	MP2A	Z	-17.345	1.5
108	MP2A	Mx	.015	1.5
109	MP2B	X	30.043	1.5
110	MP2B	Z	-17.345	1.5
111	MP2B	Mx	-.015	1.5
112	MP2C	X	42.624	1.5
113	MP2C	Z	-24.609	1.5
114	MP2C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	9.246	1.5
2	MP3A	Z	0	1.5
3	MP3A	Mx	.005	1.5
4	MP3B	X	25.174	1.5
5	MP3B	Z	0	1.5
6	MP3B	Mx	-.006	1.5
7	MP3C	X	25.174	1.5
8	MP3C	Z	0	1.5
9	MP3C	Mx	-.006	1.5
10	MP1A	X	97.486	.25
11	MP1A	Z	0	.25
12	MP1A	Mx	-.049	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	97.486	3.75
14	MP1A	Z	0	3.75
15	MP1A	Mx	-.049	3.75
16	MP1B	X	134.279	.25
17	MP1B	Z	0	.25
18	MP1B	Mx	.034	.25
19	MP1B	X	134.279	3.75
20	MP1B	Z	0	3.75
21	MP1B	Mx	.034	3.75
22	MP1C	X	134.279	.25
23	MP1C	Z	0	.25
24	MP1C	Mx	.034	.25
25	MP1C	X	134.279	3.75
26	MP1C	Z	0	3.75
27	MP1C	Mx	.034	3.75
28	MP3A	X	36.993	.25
29	MP3A	Z	0	.25
30	MP3A	Mx	-.018	.25
31	MP3A	X	36.993	3.75
32	MP3A	Z	0	3.75
33	MP3A	Mx	-.018	3.75
34	MP3B	X	73.907	.25
35	MP3B	Z	0	.25
36	MP3B	Mx	.056	.25
37	MP3B	X	73.907	3.75
38	MP3B	Z	0	3.75
39	MP3B	Mx	.056	3.75
40	MP3C	X	73.907	.25
41	MP3C	Z	0	.25
42	MP3C	Mx	-.019	.25
43	MP3C	X	73.907	3.75
44	MP3C	Z	0	3.75
45	MP3C	Mx	-.019	3.75
46	MP3A	X	84.809	.25
47	MP3A	Z	0	.25
48	MP3A	Mx	-.042	.25
49	MP3A	X	84.809	3.75
50	MP3A	Z	0	3.75
51	MP3A	Mx	-.042	3.75
52	MP3B	X	117.058	.25
53	MP3B	Z	0	.25
54	MP3B	Mx	-.03	.25
55	MP3B	X	117.058	3.75
56	MP3B	Z	0	3.75
57	MP3B	Mx	-.03	3.75
58	MP3C	X	117.058	.25
59	MP3C	Z	0	.25
60	MP3C	Mx	.088	.25
61	MP3C	X	117.058	3.75
62	MP3C	Z	0	3.75
63	MP3C	Mx	.088	3.75
64	MP5A	X	21.434	1
65	MP5A	Z	0	1
66	MP5A	Mx	-.011	1
67	MP5A	X	21.434	3
68	MP5A	Z	0	3
69	MP5A	Mx	-.011	3
70	MP5B	X	52.036	1
71	MP5B	Z	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	.013	1
73	MP5B	X	52.036	3
74	MP5B	Z	0	3
75	MP5B	Mx	.013	3
76	MP5C	X	52.036	1
77	MP5C	Z	0	1
78	MP5C	Mx	.013	1
79	MP5C	X	52.036	3
80	MP5C	Z	0	3
81	MP5C	Mx	.013	3
82	M106	X	79.66	1
83	M106	Z	0	1
84	M106	Mx	0	1
85	M108	X	79.66	1
86	M108	Z	0	1
87	M108	Mx	0	1
88	MP1A	X	10.796	1.5
89	MP1A	Z	0	1.5
90	MP1A	Mx	.005	1.5
91	MP1B	X	19.846	1.5
92	MP1B	Z	0	1.5
93	MP1B	Mx	-.005	1.5
94	MP1C	X	19.846	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	-.005	1.5
97	MP4A	X	33.024	1.5
98	MP4A	Z	0	1.5
99	MP4A	Mx	.017	1.5
100	MP4B	X	45.17	1.5
101	MP4B	Z	0	1.5
102	MP4B	Mx	-.011	1.5
103	MP4C	X	45.17	1.5
104	MP4C	Z	0	1.5
105	MP4C	Mx	-.011	1.5
106	MP2A	X	29.848	1.5
107	MP2A	Z	0	1.5
108	MP2A	Mx	.015	1.5
109	MP2B	X	44.376	1.5
110	MP2B	Z	0	1.5
111	MP2B	Mx	-.011	1.5
112	MP2C	X	44.376	1.5
113	MP2C	Z	0	1.5
114	MP2C	Mx	-.011	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	12.605	1.5
2	MP3A	Z	7.278	1.5
3	MP3A	Mx	.006	1.5
4	MP3B	X	26.399	1.5
5	MP3B	Z	15.242	1.5
6	MP3B	Mx	0	1.5
7	MP3C	X	12.605	1.5
8	MP3C	Z	7.278	1.5
9	MP3C	Mx	-.006	1.5
10	MP1A	X	95.046	.25
11	MP1A	Z	54.875	.25
12	MP1A	Mx	-.048	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	95.046	3.75
14	MP1A	Z	54.875	3.75
15	MP1A	Mx	-.048	3.75
16	MP1B	X	126.91	.25
17	MP1B	Z	73.271	.25
18	MP1B	Mx	0	.25
19	MP1B	X	126.91	3.75
20	MP1B	Z	73.271	3.75
21	MP1B	Mx	0	3.75
22	MP1C	X	95.046	.25
23	MP1C	Z	54.875	.25
24	MP1C	Mx	.048	.25
25	MP1C	X	95.046	3.75
26	MP1C	Z	54.875	3.75
27	MP1C	Mx	.048	3.75
28	MP3A	X	42.693	.25
29	MP3A	Z	24.649	.25
30	MP3A	Mx	-.036	.25
31	MP3A	X	42.693	3.75
32	MP3A	Z	24.649	3.75
33	MP3A	Mx	-.036	3.75
34	MP3B	X	74.661	.25
35	MP3B	Z	43.106	.25
36	MP3B	Mx	.05	.25
37	MP3B	X	74.661	3.75
38	MP3B	Z	43.106	3.75
39	MP3B	Mx	.05	3.75
40	MP3C	X	42.693	.25
41	MP3C	Z	24.649	.25
42	MP3C	Mx	.007	.25
43	MP3C	X	42.693	3.75
44	MP3C	Z	24.649	3.75
45	MP3C	Mx	.007	3.75
46	MP3A	X	82.756	.25
47	MP3A	Z	47.779	.25
48	MP3A	Mx	-.014	.25
49	MP3A	X	82.756	3.75
50	MP3A	Z	47.779	3.75
51	MP3A	Mx	-.014	3.75
52	MP3B	X	110.685	.25
53	MP3B	Z	63.904	.25
54	MP3B	Mx	-.075	.25
55	MP3B	X	110.685	3.75
56	MP3B	Z	63.904	3.75
57	MP3B	Mx	-.075	3.75
58	MP3C	X	82.756	.25
59	MP3C	Z	47.779	.25
60	MP3C	Mx	.069	.25
61	MP3C	X	82.756	3.75
62	MP3C	Z	47.779	3.75
63	MP3C	Mx	.069	3.75
64	MP5A	X	27.396	1
65	MP5A	Z	15.817	1
66	MP5A	Mx	-.014	1
67	MP5A	X	27.396	3
68	MP5A	Z	15.817	3
69	MP5A	Mx	-.014	3
70	MP5B	X	53.899	1
71	MP5B	Z	31.119	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	0	1
73	MP5B	X	53.899	3
74	MP5B	Z	31.119	3
75	MP5B	Mx	0	3
76	MP5C	X	27.396	1
77	MP5C	Z	15.817	1
78	MP5C	Mx	.014	1
79	MP5C	X	27.396	3
80	MP5C	Z	15.817	3
81	MP5C	Mx	.014	3
82	M106	X	77.796	1
83	M106	Z	44.916	1
84	M106	Mx	0	1
85	M108	X	77.796	1
86	M108	Z	44.916	1
87	M108	Mx	0	1
88	MP1A	X	11.962	1.5
89	MP1A	Z	6.906	1.5
90	MP1A	Mx	.006	1.5
91	MP1B	X	19.8	1.5
92	MP1B	Z	11.431	1.5
93	MP1B	Mx	0	1.5
94	MP1C	X	11.962	1.5
95	MP1C	Z	6.906	1.5
96	MP1C	Mx	-.006	1.5
97	MP4A	X	32.106	1.5
98	MP4A	Z	18.536	1.5
99	MP4A	Mx	.016	1.5
100	MP4B	X	42.624	1.5
101	MP4B	Z	24.609	1.5
102	MP4B	Mx	0	1.5
103	MP4C	X	32.106	1.5
104	MP4C	Z	18.536	1.5
105	MP4C	Mx	-.016	1.5
106	MP2A	X	30.043	1.5
107	MP2A	Z	17.345	1.5
108	MP2A	Mx	.015	1.5
109	MP2B	X	42.624	1.5
110	MP2B	Z	24.609	1.5
111	MP2B	Mx	0	1.5
112	MP2C	X	30.043	1.5
113	MP2C	Z	17.345	1.5
114	MP2C	Mx	-.015	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	12.587	1.5
2	MP3A	Z	21.801	1.5
3	MP3A	Mx	.006	1.5
4	MP3B	X	12.587	1.5
5	MP3B	Z	21.801	1.5
6	MP3B	Mx	.006	1.5
7	MP3C	X	4.623	1.5
8	MP3C	Z	8.007	1.5
9	MP3C	Mx	-.005	1.5
10	MP1A	X	67.139	.25
11	MP1A	Z	116.289	.25
12	MP1A	Mx	-.034	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	67.139	3.75
14	MP1A	Z	116.289	3.75
15	MP1A	Mx	-.034	3.75
16	MP1B	X	67.139	.25
17	MP1B	Z	116.289	.25
18	MP1B	Mx	-.034	.25
19	MP1B	X	67.139	3.75
20	MP1B	Z	116.289	3.75
21	MP1B	Mx	-.034	3.75
22	MP1C	X	48.743	.25
23	MP1C	Z	84.425	.25
24	MP1C	Mx	.049	.25
25	MP1C	X	48.743	3.75
26	MP1C	Z	84.425	3.75
27	MP1C	Mx	.049	3.75
28	MP3A	X	36.953	.25
29	MP3A	Z	64.005	.25
30	MP3A	Mx	-.056	.25
31	MP3A	X	36.953	3.75
32	MP3A	Z	64.005	3.75
33	MP3A	Mx	-.056	3.75
34	MP3B	X	36.953	.25
35	MP3B	Z	64.005	.25
36	MP3B	Mx	.019	.25
37	MP3B	X	36.953	3.75
38	MP3B	Z	64.005	3.75
39	MP3B	Mx	.019	3.75
40	MP3C	X	18.496	.25
41	MP3C	Z	32.037	.25
42	MP3C	Mx	.018	.25
43	MP3C	X	18.496	3.75
44	MP3C	Z	32.037	3.75
45	MP3C	Mx	.018	3.75
46	MP3A	X	58.529	.25
47	MP3A	Z	101.376	.25
48	MP3A	Mx	.03	.25
49	MP3A	X	58.529	3.75
50	MP3A	Z	101.376	3.75
51	MP3A	Mx	.03	3.75
52	MP3B	X	58.529	.25
53	MP3B	Z	101.376	.25
54	MP3B	Mx	-.088	.25
55	MP3B	X	58.529	3.75
56	MP3B	Z	101.376	3.75
57	MP3B	Mx	-.088	3.75
58	MP3C	X	42.404	.25
59	MP3C	Z	73.446	.25
60	MP3C	Mx	.042	.25
61	MP3C	X	42.404	3.75
62	MP3C	Z	73.446	3.75
63	MP3C	Mx	.042	3.75
64	MP5A	X	26.018	1
65	MP5A	Z	45.065	1
66	MP5A	Mx	-.013	1
67	MP5A	X	26.018	3
68	MP5A	Z	45.065	3
69	MP5A	Mx	-.013	3
70	MP5B	X	26.018	1
71	MP5B	Z	45.065	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.013	1
73	MP5B	X	26.018	3
74	MP5B	Z	45.065	3
75	MP5B	Mx	-.013	3
76	MP5C	X	10.717	1
77	MP5C	Z	18.562	1
78	MP5C	Mx	.011	1
79	MP5C	X	10.717	3
80	MP5C	Z	18.562	3
81	MP5C	Mx	.011	3
82	M106	X	55.087	1
83	M106	Z	95.414	1
84	M106	Mx	0	1
85	M108	X	55.087	1
86	M108	Z	95.414	1
87	M108	Mx	0	1
88	MP1A	X	9.923	1.5
89	MP1A	Z	17.187	1.5
90	MP1A	Mx	.005	1.5
91	MP1B	X	9.923	1.5
92	MP1B	Z	17.187	1.5
93	MP1B	Mx	.005	1.5
94	MP1C	X	5.398	1.5
95	MP1C	Z	9.35	1.5
96	MP1C	Mx	-.005	1.5
97	MP4A	X	22.585	1.5
98	MP4A	Z	39.118	1.5
99	MP4A	Mx	.011	1.5
100	MP4B	X	22.585	1.5
101	MP4B	Z	39.118	1.5
102	MP4B	Mx	.011	1.5
103	MP4C	X	16.512	1.5
104	MP4C	Z	28.599	1.5
105	MP4C	Mx	-.017	1.5
106	MP2A	X	22.188	1.5
107	MP2A	Z	38.43	1.5
108	MP2A	Mx	.011	1.5
109	MP2B	X	22.188	1.5
110	MP2B	Z	38.43	1.5
111	MP2B	Mx	.011	1.5
112	MP2C	X	14.924	1.5
113	MP2C	Z	25.849	1.5
114	MP2C	Mx	-.015	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	0	1.5
2	MP3A	Z	30.483	1.5
3	MP3A	Mx	0	1.5
4	MP3B	X	0	1.5
5	MP3B	Z	14.555	1.5
6	MP3B	Mx	.006	1.5
7	MP3C	X	0	1.5
8	MP3C	Z	14.555	1.5
9	MP3C	Mx	-.006	1.5
10	MP1A	X	0	.25
11	MP1A	Z	146.543	.25
12	MP1A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	0	3.75
14	MP1A	Z	146.543	3.75
15	MP1A	Mx	0	3.75
16	MP1B	X	0	.25
17	MP1B	Z	109.75	.25
18	MP1B	Mx	-.048	.25
19	MP1B	X	0	3.75
20	MP1B	Z	109.75	3.75
21	MP1B	Mx	-.048	3.75
22	MP1C	X	0	.25
23	MP1C	Z	109.75	.25
24	MP1C	Mx	.048	.25
25	MP1C	X	0	3.75
26	MP1C	Z	109.75	3.75
27	MP1C	Mx	.048	3.75
28	MP3A	X	0	.25
29	MP3A	Z	86.211	.25
30	MP3A	Mx	-.05	.25
31	MP3A	X	0	3.75
32	MP3A	Z	86.211	3.75
33	MP3A	Mx	-.05	3.75
34	MP3B	X	0	.25
35	MP3B	Z	49.297	.25
36	MP3B	Mx	-.007	.25
37	MP3B	X	0	3.75
38	MP3B	Z	49.297	3.75
39	MP3B	Mx	-.007	3.75
40	MP3C	X	0	.25
41	MP3C	Z	49.297	.25
42	MP3C	Mx	.036	.25
43	MP3C	X	0	3.75
44	MP3C	Z	49.297	3.75
45	MP3C	Mx	.036	3.75
46	MP3A	X	0	.25
47	MP3A	Z	127.808	.25
48	MP3A	Mx	.075	.25
49	MP3A	X	0	3.75
50	MP3A	Z	127.808	3.75
51	MP3A	Mx	.075	3.75
52	MP3B	X	0	.25
53	MP3B	Z	95.559	.25
54	MP3B	Mx	-.069	.25
55	MP3B	X	0	3.75
56	MP3B	Z	95.559	3.75
57	MP3B	Mx	-.069	3.75
58	MP3C	X	0	.25
59	MP3C	Z	95.559	.25
60	MP3C	Mx	.014	.25
61	MP3C	X	0	3.75
62	MP3C	Z	95.559	3.75
63	MP3C	Mx	.014	3.75
64	MP5A	X	0	1
65	MP5A	Z	62.237	1
66	MP5A	Mx	0	1
67	MP5A	X	0	3
68	MP5A	Z	62.237	3
69	MP5A	Mx	0	3
70	MP5B	X	0	1
71	MP5B	Z	31.635	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.014	1
73	MP5B	X	0	3
74	MP5B	Z	31.635	3
75	MP5B	Mx	-.014	3
76	MP5C	X	0	1
77	MP5C	Z	31.635	1
78	MP5C	Mx	.014	1
79	MP5C	X	0	3
80	MP5C	Z	31.635	3
81	MP5C	Mx	.014	3
82	M106	X	0	1
83	M106	Z	120.346	1
84	M106	Mx	0	1
85	M108	X	0	1
86	M108	Z	120.346	1
87	M108	Mx	0	1
88	MP1A	X	0	1.5
89	MP1A	Z	22.863	1.5
90	MP1A	Mx	0	1.5
91	MP1B	X	0	1.5
92	MP1B	Z	13.813	1.5
93	MP1B	Mx	.006	1.5
94	MP1C	X	0	1.5
95	MP1C	Z	13.813	1.5
96	MP1C	Mx	-.006	1.5
97	MP4A	X	0	1.5
98	MP4A	Z	49.218	1.5
99	MP4A	Mx	0	1.5
100	MP4B	X	0	1.5
101	MP4B	Z	37.072	1.5
102	MP4B	Mx	.016	1.5
103	MP4C	X	0	1.5
104	MP4C	Z	37.072	1.5
105	MP4C	Mx	-.016	1.5
106	MP2A	X	0	1.5
107	MP2A	Z	49.218	1.5
108	MP2A	Mx	0	1.5
109	MP2B	X	0	1.5
110	MP2B	Z	34.691	1.5
111	MP2B	Mx	.015	1.5
112	MP2C	X	0	1.5
113	MP2C	Z	34.691	1.5
114	MP2C	Mx	-.015	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-12.587	1.5
2	MP3A	Z	21.801	1.5
3	MP3A	Mx	-.006	1.5
4	MP3B	X	-4.623	1.5
5	MP3B	Z	8.007	1.5
6	MP3B	Mx	.005	1.5
7	MP3C	X	-12.587	1.5
8	MP3C	Z	21.801	1.5
9	MP3C	Mx	-.006	1.5
10	MP1A	X	-67.139	.25
11	MP1A	Z	116.289	.25
12	MP1A	Mx	.034	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-67.139	3.75
14	MP1A	Z	116.289	3.75
15	MP1A	Mx	.034	3.75
16	MP1B	X	-48.743	.25
17	MP1B	Z	84.425	.25
18	MP1B	Mx	-.049	.25
19	MP1B	X	-48.743	3.75
20	MP1B	Z	84.425	3.75
21	MP1B	Mx	-.049	3.75
22	MP1C	X	-67.139	.25
23	MP1C	Z	116.289	.25
24	MP1C	Mx	.034	.25
25	MP1C	X	-67.139	3.75
26	MP1C	Z	116.289	3.75
27	MP1C	Mx	.034	3.75
28	MP3A	X	-36.953	.25
29	MP3A	Z	64.005	.25
30	MP3A	Mx	-.019	.25
31	MP3A	X	-36.953	3.75
32	MP3A	Z	64.005	3.75
33	MP3A	Mx	-.019	3.75
34	MP3B	X	-18.496	.25
35	MP3B	Z	32.037	.25
36	MP3B	Mx	-.018	.25
37	MP3B	X	-18.496	3.75
38	MP3B	Z	32.037	3.75
39	MP3B	Mx	-.018	3.75
40	MP3C	X	-36.953	.25
41	MP3C	Z	64.005	.25
42	MP3C	Mx	.056	.25
43	MP3C	X	-36.953	3.75
44	MP3C	Z	64.005	3.75
45	MP3C	Mx	.056	3.75
46	MP3A	X	-58.529	.25
47	MP3A	Z	101.376	.25
48	MP3A	Mx	.088	.25
49	MP3A	X	-58.529	3.75
50	MP3A	Z	101.376	3.75
51	MP3A	Mx	.088	3.75
52	MP3B	X	-42.404	.25
53	MP3B	Z	73.446	.25
54	MP3B	Mx	-.042	.25
55	MP3B	X	-42.404	3.75
56	MP3B	Z	73.446	3.75
57	MP3B	Mx	-.042	3.75
58	MP3C	X	-58.529	.25
59	MP3C	Z	101.376	.25
60	MP3C	Mx	-.03	.25
61	MP3C	X	-58.529	3.75
62	MP3C	Z	101.376	3.75
63	MP3C	Mx	-.03	3.75
64	MP5A	X	-26.018	1
65	MP5A	Z	45.065	1
66	MP5A	Mx	.013	1
67	MP5A	X	-26.018	3
68	MP5A	Z	45.065	3
69	MP5A	Mx	.013	3
70	MP5B	X	-10.717	1
71	MP5B	Z	18.562	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.011	1
73	MP5B	X	-10.717	3
74	MP5B	Z	18.562	3
75	MP5B	Mx	-.011	3
76	MP5C	X	-26.018	1
77	MP5C	Z	45.065	1
78	MP5C	Mx	.013	1
79	MP5C	X	-26.018	3
80	MP5C	Z	45.065	3
81	MP5C	Mx	.013	3
82	M106	X	-55.087	1
83	M106	Z	95.414	1
84	M106	Mx	0	1
85	M108	X	-55.087	1
86	M108	Z	95.414	1
87	M108	Mx	0	1
88	MP1A	X	-9.923	1.5
89	MP1A	Z	17.187	1.5
90	MP1A	Mx	-.005	1.5
91	MP1B	X	-5.398	1.5
92	MP1B	Z	9.35	1.5
93	MP1B	Mx	.005	1.5
94	MP1C	X	-9.923	1.5
95	MP1C	Z	17.187	1.5
96	MP1C	Mx	-.005	1.5
97	MP4A	X	-22.585	1.5
98	MP4A	Z	39.118	1.5
99	MP4A	Mx	-.011	1.5
100	MP4B	X	-16.512	1.5
101	MP4B	Z	28.599	1.5
102	MP4B	Mx	.017	1.5
103	MP4C	X	-22.585	1.5
104	MP4C	Z	39.118	1.5
105	MP4C	Mx	-.011	1.5
106	MP2A	X	-22.188	1.5
107	MP2A	Z	38.43	1.5
108	MP2A	Mx	-.011	1.5
109	MP2B	X	-14.924	1.5
110	MP2B	Z	25.849	1.5
111	MP2B	Mx	.015	1.5
112	MP2C	X	-22.188	1.5
113	MP2C	Z	38.43	1.5
114	MP2C	Mx	-.011	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-12.605	1.5
2	MP3A	Z	7.278	1.5
3	MP3A	Mx	-.006	1.5
4	MP3B	X	-12.605	1.5
5	MP3B	Z	7.278	1.5
6	MP3B	Mx	.006	1.5
7	MP3C	X	-26.399	1.5
8	MP3C	Z	15.242	1.5
9	MP3C	Mx	0	1.5
10	MP1A	X	-95.046	.25
11	MP1A	Z	54.875	.25
12	MP1A	Mx	.048	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-95.046	3.75
14	MP1A	Z	54.875	3.75
15	MP1A	Mx	.048	3.75
16	MP1B	X	-95.046	.25
17	MP1B	Z	54.875	.25
18	MP1B	Mx	-.048	.25
19	MP1B	X	-95.046	3.75
20	MP1B	Z	54.875	3.75
21	MP1B	Mx	-.048	3.75
22	MP1C	X	-126.91	.25
23	MP1C	Z	73.271	.25
24	MP1C	Mx	0	.25
25	MP1C	X	-126.91	3.75
26	MP1C	Z	73.271	3.75
27	MP1C	Mx	0	3.75
28	MP3A	X	-42.693	.25
29	MP3A	Z	24.649	.25
30	MP3A	Mx	.007	.25
31	MP3A	X	-42.693	3.75
32	MP3A	Z	24.649	3.75
33	MP3A	Mx	.007	3.75
34	MP3B	X	-42.693	.25
35	MP3B	Z	24.649	.25
36	MP3B	Mx	-.036	.25
37	MP3B	X	-42.693	3.75
38	MP3B	Z	24.649	3.75
39	MP3B	Mx	-.036	3.75
40	MP3C	X	-74.661	.25
41	MP3C	Z	43.106	.25
42	MP3C	Mx	.05	.25
43	MP3C	X	-74.661	3.75
44	MP3C	Z	43.106	3.75
45	MP3C	Mx	.05	3.75
46	MP3A	X	-82.756	.25
47	MP3A	Z	47.779	.25
48	MP3A	Mx	.069	.25
49	MP3A	X	-82.756	3.75
50	MP3A	Z	47.779	3.75
51	MP3A	Mx	.069	3.75
52	MP3B	X	-82.756	.25
53	MP3B	Z	47.779	.25
54	MP3B	Mx	-.014	.25
55	MP3B	X	-82.756	3.75
56	MP3B	Z	47.779	3.75
57	MP3B	Mx	-.014	3.75
58	MP3C	X	-110.685	.25
59	MP3C	Z	63.904	.25
60	MP3C	Mx	-.075	.25
61	MP3C	X	-110.685	3.75
62	MP3C	Z	63.904	3.75
63	MP3C	Mx	-.075	3.75
64	MP5A	X	-27.396	1
65	MP5A	Z	15.817	1
66	MP5A	Mx	.014	1
67	MP5A	X	-27.396	3
68	MP5A	Z	15.817	3
69	MP5A	Mx	.014	3
70	MP5B	X	-27.396	1
71	MP5B	Z	15.817	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	-.014	1
73	MP5B	X	-27.396	3
74	MP5B	Z	15.817	3
75	MP5B	Mx	-.014	3
76	MP5C	X	-53.899	1
77	MP5C	Z	31.119	1
78	MP5C	Mx	0	1
79	MP5C	X	-53.899	3
80	MP5C	Z	31.119	3
81	MP5C	Mx	0	3
82	M106	X	-77.796	1
83	M106	Z	44.916	1
84	M106	Mx	0	1
85	M108	X	-77.796	1
86	M108	Z	44.916	1
87	M108	Mx	0	1
88	MP1A	X	-11.962	1.5
89	MP1A	Z	6.906	1.5
90	MP1A	Mx	-.006	1.5
91	MP1B	X	-11.962	1.5
92	MP1B	Z	6.906	1.5
93	MP1B	Mx	.006	1.5
94	MP1C	X	-19.8	1.5
95	MP1C	Z	11.431	1.5
96	MP1C	Mx	0	1.5
97	MP4A	X	-32.106	1.5
98	MP4A	Z	18.536	1.5
99	MP4A	Mx	-.016	1.5
100	MP4B	X	-32.106	1.5
101	MP4B	Z	18.536	1.5
102	MP4B	Mx	.016	1.5
103	MP4C	X	-42.624	1.5
104	MP4C	Z	24.609	1.5
105	MP4C	Mx	0	1.5
106	MP2A	X	-30.043	1.5
107	MP2A	Z	17.345	1.5
108	MP2A	Mx	-.015	1.5
109	MP2B	X	-30.043	1.5
110	MP2B	Z	17.345	1.5
111	MP2B	Mx	.015	1.5
112	MP2C	X	-42.624	1.5
113	MP2C	Z	24.609	1.5
114	MP2C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	-9.246	1.5
2	MP3A	Z	0	1.5
3	MP3A	Mx	-.005	1.5
4	MP3B	X	-25.174	1.5
5	MP3B	Z	0	1.5
6	MP3B	Mx	.006	1.5
7	MP3C	X	-25.174	1.5
8	MP3C	Z	0	1.5
9	MP3C	Mx	.006	1.5
10	MP1A	X	-97.486	.25
11	MP1A	Z	0	.25
12	MP1A	Mx	.049	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-97.486	3.75
14	MP1A	Z	0	3.75
15	MP1A	Mx	.049	3.75
16	MP1B	X	-134.279	.25
17	MP1B	Z	0	.25
18	MP1B	Mx	-.034	.25
19	MP1B	X	-134.279	3.75
20	MP1B	Z	0	3.75
21	MP1B	Mx	-.034	3.75
22	MP1C	X	-134.279	.25
23	MP1C	Z	0	.25
24	MP1C	Mx	-.034	.25
25	MP1C	X	-134.279	3.75
26	MP1C	Z	0	3.75
27	MP1C	Mx	-.034	3.75
28	MP3A	X	-36.993	.25
29	MP3A	Z	0	.25
30	MP3A	Mx	.018	.25
31	MP3A	X	-36.993	3.75
32	MP3A	Z	0	3.75
33	MP3A	Mx	.018	3.75
34	MP3B	X	-73.907	.25
35	MP3B	Z	0	.25
36	MP3B	Mx	-.056	.25
37	MP3B	X	-73.907	3.75
38	MP3B	Z	0	3.75
39	MP3B	Mx	-.056	3.75
40	MP3C	X	-73.907	.25
41	MP3C	Z	0	.25
42	MP3C	Mx	.019	.25
43	MP3C	X	-73.907	3.75
44	MP3C	Z	0	3.75
45	MP3C	Mx	.019	3.75
46	MP3A	X	-84.809	.25
47	MP3A	Z	0	.25
48	MP3A	Mx	.042	.25
49	MP3A	X	-84.809	3.75
50	MP3A	Z	0	3.75
51	MP3A	Mx	.042	3.75
52	MP3B	X	-117.058	.25
53	MP3B	Z	0	.25
54	MP3B	Mx	.03	.25
55	MP3B	X	-117.058	3.75
56	MP3B	Z	0	3.75
57	MP3B	Mx	.03	3.75
58	MP3C	X	-117.058	.25
59	MP3C	Z	0	.25
60	MP3C	Mx	-.088	.25
61	MP3C	X	-117.058	3.75
62	MP3C	Z	0	3.75
63	MP3C	Mx	-.088	3.75
64	MP5A	X	-21.434	1
65	MP5A	Z	0	1
66	MP5A	Mx	.011	1
67	MP5A	X	-21.434	3
68	MP5A	Z	0	3
69	MP5A	Mx	.011	3
70	MP5B	X	-52.036	1
71	MP5B	Z	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.013	1
73	MP5B	X	-52.036	3
74	MP5B	Z	0	3
75	MP5B	Mx	-.013	3
76	MP5C	X	-52.036	1
77	MP5C	Z	0	1
78	MP5C	Mx	-.013	1
79	MP5C	X	-52.036	3
80	MP5C	Z	0	3
81	MP5C	Mx	-.013	3
82	M106	X	-79.66	1
83	M106	Z	0	1
84	M106	Mx	0	1
85	M108	X	-79.66	1
86	M108	Z	0	1
87	M108	Mx	0	1
88	MP1A	X	-10.796	1.5
89	MP1A	Z	0	1.5
90	MP1A	Mx	-.005	1.5
91	MP1B	X	-19.846	1.5
92	MP1B	Z	0	1.5
93	MP1B	Mx	.005	1.5
94	MP1C	X	-19.846	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	.005	1.5
97	MP4A	X	-33.024	1.5
98	MP4A	Z	0	1.5
99	MP4A	Mx	-.017	1.5
100	MP4B	X	-45.17	1.5
101	MP4B	Z	0	1.5
102	MP4B	Mx	.011	1.5
103	MP4C	X	-45.17	1.5
104	MP4C	Z	0	1.5
105	MP4C	Mx	.011	1.5
106	MP2A	X	-29.848	1.5
107	MP2A	Z	0	1.5
108	MP2A	Mx	-.015	1.5
109	MP2B	X	-44.376	1.5
110	MP2B	Z	0	1.5
111	MP2B	Mx	.011	1.5
112	MP2C	X	-44.376	1.5
113	MP2C	Z	0	1.5
114	MP2C	Mx	.011	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-12.605	1.5
2	MP3A	Z	-7.278	1.5
3	MP3A	Mx	-.006	1.5
4	MP3B	X	-26.399	1.5
5	MP3B	Z	-15.242	1.5
6	MP3B	Mx	0	1.5
7	MP3C	X	-12.605	1.5
8	MP3C	Z	-7.278	1.5
9	MP3C	Mx	.006	1.5
10	MP1A	X	-95.046	.25
11	MP1A	Z	-54.875	.25
12	MP1A	Mx	.048	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-95.046	3.75
14	MP1A	Z	-54.875	3.75
15	MP1A	Mx	.048	3.75
16	MP1B	X	-126.91	.25
17	MP1B	Z	-73.271	.25
18	MP1B	Mx	0	.25
19	MP1B	X	-126.91	3.75
20	MP1B	Z	-73.271	3.75
21	MP1B	Mx	0	3.75
22	MP1C	X	-95.046	.25
23	MP1C	Z	-54.875	.25
24	MP1C	Mx	-.048	.25
25	MP1C	X	-95.046	3.75
26	MP1C	Z	-54.875	3.75
27	MP1C	Mx	-.048	3.75
28	MP3A	X	-42.693	.25
29	MP3A	Z	-24.649	.25
30	MP3A	Mx	.036	.25
31	MP3A	X	-42.693	3.75
32	MP3A	Z	-24.649	3.75
33	MP3A	Mx	.036	3.75
34	MP3B	X	-74.661	.25
35	MP3B	Z	-43.106	.25
36	MP3B	Mx	-.05	.25
37	MP3B	X	-74.661	3.75
38	MP3B	Z	-43.106	3.75
39	MP3B	Mx	-.05	3.75
40	MP3C	X	-42.693	.25
41	MP3C	Z	-24.649	.25
42	MP3C	Mx	-.007	.25
43	MP3C	X	-42.693	3.75
44	MP3C	Z	-24.649	3.75
45	MP3C	Mx	-.007	3.75
46	MP3A	X	-82.756	.25
47	MP3A	Z	-47.779	.25
48	MP3A	Mx	.014	.25
49	MP3A	X	-82.756	3.75
50	MP3A	Z	-47.779	3.75
51	MP3A	Mx	.014	3.75
52	MP3B	X	-110.685	.25
53	MP3B	Z	-63.904	.25
54	MP3B	Mx	.075	.25
55	MP3B	X	-110.685	3.75
56	MP3B	Z	-63.904	3.75
57	MP3B	Mx	.075	3.75
58	MP3C	X	-82.756	.25
59	MP3C	Z	-47.779	.25
60	MP3C	Mx	-.069	.25
61	MP3C	X	-82.756	3.75
62	MP3C	Z	-47.779	3.75
63	MP3C	Mx	-.069	3.75
64	MP5A	X	-27.396	1
65	MP5A	Z	-15.817	1
66	MP5A	Mx	.014	1
67	MP5A	X	-27.396	3
68	MP5A	Z	-15.817	3
69	MP5A	Mx	.014	3
70	MP5B	X	-53.899	1
71	MP5B	Z	-31.119	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	0	1
73	MP5B	X	-53.899	3
74	MP5B	Z	-31.119	3
75	MP5B	Mx	0	3
76	MP5C	X	-27.396	1
77	MP5C	Z	-15.817	1
78	MP5C	Mx	-.014	1
79	MP5C	X	-27.396	3
80	MP5C	Z	-15.817	3
81	MP5C	Mx	-.014	3
82	M106	X	-77.796	1
83	M106	Z	-44.916	1
84	M106	Mx	0	1
85	M108	X	-77.796	1
86	M108	Z	-44.916	1
87	M108	Mx	0	1
88	MP1A	X	-11.962	1.5
89	MP1A	Z	-6.906	1.5
90	MP1A	Mx	-.006	1.5
91	MP1B	X	-19.8	1.5
92	MP1B	Z	-11.431	1.5
93	MP1B	Mx	0	1.5
94	MP1C	X	-11.962	1.5
95	MP1C	Z	-6.906	1.5
96	MP1C	Mx	.006	1.5
97	MP4A	X	-32.106	1.5
98	MP4A	Z	-18.536	1.5
99	MP4A	Mx	-.016	1.5
100	MP4B	X	-42.624	1.5
101	MP4B	Z	-24.609	1.5
102	MP4B	Mx	0	1.5
103	MP4C	X	-32.106	1.5
104	MP4C	Z	-18.536	1.5
105	MP4C	Mx	.016	1.5
106	MP2A	X	-30.043	1.5
107	MP2A	Z	-17.345	1.5
108	MP2A	Mx	-.015	1.5
109	MP2B	X	-42.624	1.5
110	MP2B	Z	-24.609	1.5
111	MP2B	Mx	0	1.5
112	MP2C	X	-30.043	1.5
113	MP2C	Z	-17.345	1.5
114	MP2C	Mx	.015	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	-12.587	1.5
2	MP3A	Z	-21.801	1.5
3	MP3A	Mx	-.006	1.5
4	MP3B	X	-12.587	1.5
5	MP3B	Z	-21.801	1.5
6	MP3B	Mx	-.006	1.5
7	MP3C	X	-4.623	1.5
8	MP3C	Z	-8.007	1.5
9	MP3C	Mx	.005	1.5
10	MP1A	X	-67.139	.25
11	MP1A	Z	-116.289	.25
12	MP1A	Mx	.034	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-67.139	3.75
14	MP1A	Z	-116.289	3.75
15	MP1A	Mx	.034	3.75
16	MP1B	X	-67.139	.25
17	MP1B	Z	-116.289	.25
18	MP1B	Mx	.034	.25
19	MP1B	X	-67.139	3.75
20	MP1B	Z	-116.289	3.75
21	MP1B	Mx	.034	3.75
22	MP1C	X	-48.743	.25
23	MP1C	Z	-84.425	.25
24	MP1C	Mx	-.049	.25
25	MP1C	X	-48.743	3.75
26	MP1C	Z	-84.425	3.75
27	MP1C	Mx	-.049	3.75
28	MP3A	X	-36.953	.25
29	MP3A	Z	-64.005	.25
30	MP3A	Mx	.056	.25
31	MP3A	X	-36.953	3.75
32	MP3A	Z	-64.005	3.75
33	MP3A	Mx	.056	3.75
34	MP3B	X	-36.953	.25
35	MP3B	Z	-64.005	.25
36	MP3B	Mx	-.019	.25
37	MP3B	X	-36.953	3.75
38	MP3B	Z	-64.005	3.75
39	MP3B	Mx	-.019	3.75
40	MP3C	X	-18.496	.25
41	MP3C	Z	-32.037	.25
42	MP3C	Mx	-.018	.25
43	MP3C	X	-18.496	3.75
44	MP3C	Z	-32.037	3.75
45	MP3C	Mx	-.018	3.75
46	MP3A	X	-58.529	.25
47	MP3A	Z	-101.376	.25
48	MP3A	Mx	-.03	.25
49	MP3A	X	-58.529	3.75
50	MP3A	Z	-101.376	3.75
51	MP3A	Mx	-.03	3.75
52	MP3B	X	-58.529	.25
53	MP3B	Z	-101.376	.25
54	MP3B	Mx	.088	.25
55	MP3B	X	-58.529	3.75
56	MP3B	Z	-101.376	3.75
57	MP3B	Mx	.088	3.75
58	MP3C	X	-42.404	.25
59	MP3C	Z	-73.446	.25
60	MP3C	Mx	-.042	.25
61	MP3C	X	-42.404	3.75
62	MP3C	Z	-73.446	3.75
63	MP3C	Mx	-.042	3.75
64	MP5A	X	-26.018	1
65	MP5A	Z	-45.065	1
66	MP5A	Mx	.013	1
67	MP5A	X	-26.018	3
68	MP5A	Z	-45.065	3
69	MP5A	Mx	.013	3
70	MP5B	X	-26.018	1
71	MP5B	Z	-45.065	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	.013	1
73	MP5B	X	-26.018	3
74	MP5B	Z	-45.065	3
75	MP5B	Mx	.013	3
76	MP5C	X	-10.717	1
77	MP5C	Z	-18.562	1
78	MP5C	Mx	-.011	1
79	MP5C	X	-10.717	3
80	MP5C	Z	-18.562	3
81	MP5C	Mx	-.011	3
82	M106	X	-55.087	1
83	M106	Z	-95.414	1
84	M106	Mx	0	1
85	M108	X	-55.087	1
86	M108	Z	-95.414	1
87	M108	Mx	0	1
88	MP1A	X	-9.923	1.5
89	MP1A	Z	-17.187	1.5
90	MP1A	Mx	-.005	1.5
91	MP1B	X	-9.923	1.5
92	MP1B	Z	-17.187	1.5
93	MP1B	Mx	-.005	1.5
94	MP1C	X	-5.398	1.5
95	MP1C	Z	-9.35	1.5
96	MP1C	Mx	.005	1.5
97	MP4A	X	-22.585	1.5
98	MP4A	Z	-39.118	1.5
99	MP4A	Mx	-.011	1.5
100	MP4B	X	-22.585	1.5
101	MP4B	Z	-39.118	1.5
102	MP4B	Mx	-.011	1.5
103	MP4C	X	-16.512	1.5
104	MP4C	Z	-28.599	1.5
105	MP4C	Mx	.017	1.5
106	MP2A	X	-22.188	1.5
107	MP2A	Z	-38.43	1.5
108	MP2A	Mx	-.011	1.5
109	MP2B	X	-22.188	1.5
110	MP2B	Z	-38.43	1.5
111	MP2B	Mx	-.011	1.5
112	MP2C	X	-14.924	1.5
113	MP2C	Z	-25.849	1.5
114	MP2C	Mx	.015	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	0	1.5
2	MP3A	Z	-7.725	1.5
3	MP3A	Mx	0	1.5
4	MP3B	X	0	1.5
5	MP3B	Z	-4.326	1.5
6	MP3B	Mx	-.002	1.5
7	MP3C	X	0	1.5
8	MP3C	Z	-4.326	1.5
9	MP3C	Mx	.002	1.5
10	MP1A	X	0	.25
11	MP1A	Z	-29.78	.25
12	MP1A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	0	3.75
14	MP1A	Z	-29.78	3.75
15	MP1A	Mx	0	3.75
16	MP1B	X	0	.25
17	MP1B	Z	-23.16	.25
18	MP1B	Mx	.01	.25
19	MP1B	X	0	3.75
20	MP1B	Z	-23.16	3.75
21	MP1B	Mx	.01	3.75
22	MP1C	X	0	.25
23	MP1C	Z	-23.16	.25
24	MP1C	Mx	-.01	.25
25	MP1C	X	0	3.75
26	MP1C	Z	-23.16	3.75
27	MP1C	Mx	-.01	3.75
28	MP3A	X	0	.25
29	MP3A	Z	-26.197	.25
30	MP3A	Mx	.015	.25
31	MP3A	X	0	3.75
32	MP3A	Z	-26.197	3.75
33	MP3A	Mx	.015	3.75
34	MP3B	X	0	.25
35	MP3B	Z	-20.356	.25
36	MP3B	Mx	.003	.25
37	MP3B	X	0	3.75
38	MP3B	Z	-20.356	3.75
39	MP3B	Mx	.003	3.75
40	MP3C	X	0	.25
41	MP3C	Z	-20.356	.25
42	MP3C	Mx	-.015	.25
43	MP3C	X	0	3.75
44	MP3C	Z	-20.356	3.75
45	MP3C	Mx	-.015	3.75
46	MP3A	X	0	.25
47	MP3A	Z	-26.197	.25
48	MP3A	Mx	-.015	.25
49	MP3A	X	0	3.75
50	MP3A	Z	-26.197	3.75
51	MP3A	Mx	-.015	3.75
52	MP3B	X	0	.25
53	MP3B	Z	-20.356	.25
54	MP3B	Mx	.015	.25
55	MP3B	X	0	3.75
56	MP3B	Z	-20.356	3.75
57	MP3B	Mx	.015	3.75
58	MP3C	X	0	.25
59	MP3C	Z	-20.356	.25
60	MP3C	Mx	-.003	.25
61	MP3C	X	0	3.75
62	MP3C	Z	-20.356	3.75
63	MP3C	Mx	-.003	3.75
64	MP5A	X	0	1
65	MP5A	Z	-15.75	1
66	MP5A	Mx	0	1
67	MP5A	X	0	3
68	MP5A	Z	-15.75	3
69	MP5A	Mx	0	3
70	MP5B	X	0	1
71	MP5B	Z	-9.177	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	.004	1
73	MP5B	X	0	3
74	MP5B	Z	-9.177	3
75	MP5B	Mx	.004	3
76	MP5C	X	0	1
77	MP5C	Z	-9.177	1
78	MP5C	Mx	-.004	1
79	MP5C	X	0	3
80	MP5C	Z	-9.177	3
81	MP5C	Mx	-.004	3
82	M106	X	0	1
83	M106	Z	-25.68	1
84	M106	Mx	0	1
85	M108	X	0	1
86	M108	Z	-25.68	1
87	M108	Mx	0	1
88	MP1A	X	0	1.5
89	MP1A	Z	-8.005	1.5
90	MP1A	Mx	0	1.5
91	MP1B	X	0	1.5
92	MP1B	Z	-5.554	1.5
93	MP1B	Mx	-.002	1.5
94	MP1C	X	0	1.5
95	MP1C	Z	-5.554	1.5
96	MP1C	Mx	.002	1.5
97	MP4A	X	0	1.5
98	MP4A	Z	-13.632	1.5
99	MP4A	Mx	0	1.5
100	MP4B	X	0	1.5
101	MP4B	Z	-10.654	1.5
102	MP4B	Mx	-.005	1.5
103	MP4C	X	0	1.5
104	MP4C	Z	-10.654	1.5
105	MP4C	Mx	.005	1.5
106	MP2A	X	0	1.5
107	MP2A	Z	-13.632	1.5
108	MP2A	Mx	0	1.5
109	MP2B	X	0	1.5
110	MP2B	Z	-10.118	1.5
111	MP2B	Mx	-.004	1.5
112	MP2C	X	0	1.5
113	MP2C	Z	-10.118	1.5
114	MP2C	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	3.296	1.5
2	MP3A	Z	-5.709	1.5
3	MP3A	Mx	.002	1.5
4	MP3B	X	1.596	1.5
5	MP3B	Z	-2.765	1.5
6	MP3B	Mx	-.002	1.5
7	MP3C	X	3.296	1.5
8	MP3C	Z	-5.709	1.5
9	MP3C	Mx	.002	1.5
10	MP1A	X	13.787	.25
11	MP1A	Z	-23.879	.25
12	MP1A	Mx	-.007	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	13.787	3.75
14	MP1A	Z	-23.879	3.75
15	MP1A	Mx	-.007	3.75
16	MP1B	X	10.477	.25
17	MP1B	Z	-18.146	.25
18	MP1B	Mx	.01	.25
19	MP1B	X	10.477	3.75
20	MP1B	Z	-18.146	3.75
21	MP1B	Mx	.01	3.75
22	MP1C	X	13.787	.25
23	MP1C	Z	-23.879	.25
24	MP1C	Mx	-.007	.25
25	MP1C	X	13.787	3.75
26	MP1C	Z	-23.879	3.75
27	MP1C	Mx	-.007	3.75
28	MP3A	X	12.125	.25
29	MP3A	Z	-21.001	.25
30	MP3A	Mx	.006	.25
31	MP3A	X	12.125	3.75
32	MP3A	Z	-21.001	3.75
33	MP3A	Mx	.006	3.75
34	MP3B	X	9.204	.25
35	MP3B	Z	-15.942	.25
36	MP3B	Mx	.009	.25
37	MP3B	X	9.204	3.75
38	MP3B	Z	-15.942	3.75
39	MP3B	Mx	.009	3.75
40	MP3C	X	12.125	.25
41	MP3C	Z	-21.001	.25
42	MP3C	Mx	-.018	.25
43	MP3C	X	12.125	3.75
44	MP3C	Z	-21.001	3.75
45	MP3C	Mx	-.018	3.75
46	MP3A	X	12.125	.25
47	MP3A	Z	-21.001	.25
48	MP3A	Mx	-.018	.25
49	MP3A	X	12.125	3.75
50	MP3A	Z	-21.001	3.75
51	MP3A	Mx	-.018	3.75
52	MP3B	X	9.204	.25
53	MP3B	Z	-15.942	.25
54	MP3B	Mx	.009	.25
55	MP3B	X	9.204	3.75
56	MP3B	Z	-15.942	3.75
57	MP3B	Mx	.009	3.75
58	MP3C	X	12.125	.25
59	MP3C	Z	-21.001	.25
60	MP3C	Mx	.006	.25
61	MP3C	X	12.125	3.75
62	MP3C	Z	-21.001	3.75
63	MP3C	Mx	.006	3.75
64	MP5A	X	6.779	1
65	MP5A	Z	-11.742	1
66	MP5A	Mx	-.003	1
67	MP5A	X	6.779	3
68	MP5A	Z	-11.742	3
69	MP5A	Mx	-.003	3
70	MP5B	X	3.493	1
71	MP5B	Z	-6.05	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	.003	1
73	MP5B	X	3.493	3
74	MP5B	Z	-6.05	3
75	MP5B	Mx	.003	3
76	MP5C	X	6.779	1
77	MP5C	Z	-11.742	1
78	MP5C	Mx	-.003	1
79	MP5C	X	6.779	3
80	MP5C	Z	-11.742	3
81	MP5C	Mx	-.003	3
82	M106	X	11.866	1
83	M106	Z	-20.552	1
84	M106	Mx	0	1
85	M108	X	11.866	1
86	M108	Z	-20.552	1
87	M108	Mx	0	1
88	MP1A	X	3.594	1.5
89	MP1A	Z	-6.225	1.5
90	MP1A	Mx	.002	1.5
91	MP1B	X	2.368	1.5
92	MP1B	Z	-4.102	1.5
93	MP1B	Mx	-.002	1.5
94	MP1C	X	3.594	1.5
95	MP1C	Z	-6.225	1.5
96	MP1C	Mx	.002	1.5
97	MP4A	X	6.319	1.5
98	MP4A	Z	-10.946	1.5
99	MP4A	Mx	.003	1.5
100	MP4B	X	4.831	1.5
101	MP4B	Z	-8.367	1.5
102	MP4B	Mx	-.005	1.5
103	MP4C	X	6.319	1.5
104	MP4C	Z	-10.946	1.5
105	MP4C	Mx	.003	1.5
106	MP2A	X	6.23	1.5
107	MP2A	Z	-10.791	1.5
108	MP2A	Mx	.003	1.5
109	MP2B	X	4.473	1.5
110	MP2B	Z	-7.748	1.5
111	MP2B	Mx	-.004	1.5
112	MP2C	X	6.23	1.5
113	MP2C	Z	-10.791	1.5
114	MP2C	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	3.746	1.5
2	MP3A	Z	-2.163	1.5
3	MP3A	Mx	.002	1.5
4	MP3B	X	3.746	1.5
5	MP3B	Z	-2.163	1.5
6	MP3B	Mx	-.002	1.5
7	MP3C	X	6.69	1.5
8	MP3C	Z	-3.862	1.5
9	MP3C	Mx	0	1.5
10	MP1A	X	20.057	.25
11	MP1A	Z	-11.58	.25
12	MP1A	Mx	-.01	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	20.057	3.75
14	MP1A	Z	-11.58	3.75
15	MP1A	Mx	-.01	3.75
16	MP1B	X	20.057	.25
17	MP1B	Z	-11.58	.25
18	MP1B	Mx	.01	.25
19	MP1B	X	20.057	3.75
20	MP1B	Z	-11.58	3.75
21	MP1B	Mx	.01	3.75
22	MP1C	X	25.79	.25
23	MP1C	Z	-14.89	.25
24	MP1C	Mx	0	.25
25	MP1C	X	25.79	3.75
26	MP1C	Z	-14.89	3.75
27	MP1C	Mx	0	3.75
28	MP3A	X	17.628	.25
29	MP3A	Z	-10.178	.25
30	MP3A	Mx	-.003	.25
31	MP3A	X	17.628	3.75
32	MP3A	Z	-10.178	3.75
33	MP3A	Mx	-.003	3.75
34	MP3B	X	17.628	.25
35	MP3B	Z	-10.178	.25
36	MP3B	Mx	.015	.25
37	MP3B	X	17.628	3.75
38	MP3B	Z	-10.178	3.75
39	MP3B	Mx	.015	3.75
40	MP3C	X	22.688	.25
41	MP3C	Z	-13.099	.25
42	MP3C	Mx	-.015	.25
43	MP3C	X	22.688	3.75
44	MP3C	Z	-13.099	3.75
45	MP3C	Mx	-.015	3.75
46	MP3A	X	17.628	.25
47	MP3A	Z	-10.178	.25
48	MP3A	Mx	-.015	.25
49	MP3A	X	17.628	3.75
50	MP3A	Z	-10.178	3.75
51	MP3A	Mx	-.015	3.75
52	MP3B	X	17.628	.25
53	MP3B	Z	-10.178	.25
54	MP3B	Mx	.003	.25
55	MP3B	X	17.628	3.75
56	MP3B	Z	-10.178	3.75
57	MP3B	Mx	.003	3.75
58	MP3C	X	22.688	.25
59	MP3C	Z	-13.099	.25
60	MP3C	Mx	.015	.25
61	MP3C	X	22.688	3.75
62	MP3C	Z	-13.099	3.75
63	MP3C	Mx	.015	3.75
64	MP5A	X	7.947	1
65	MP5A	Z	-4.588	1
66	MP5A	Mx	-.004	1
67	MP5A	X	7.947	3
68	MP5A	Z	-4.588	3
69	MP5A	Mx	-.004	3
70	MP5B	X	7.947	1
71	MP5B	Z	-4.588	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	.004	1
73	MP5B	X	7.947	3
74	MP5B	Z	-4.588	3
75	MP5B	Mx	.004	3
76	MP5C	X	13.64	1
77	MP5C	Z	-7.875	1
78	MP5C	Mx	0	1
79	MP5C	X	13.64	3
80	MP5C	Z	-7.875	3
81	MP5C	Mx	0	3
82	M106	X	17.177	1
83	M106	Z	-9.917	1
84	M106	Mx	0	1
85	M108	X	17.177	1
86	M108	Z	-9.917	1
87	M108	Mx	0	1
88	MP1A	X	4.81	1.5
89	MP1A	Z	-2.777	1.5
90	MP1A	Mx	.002	1.5
91	MP1B	X	4.81	1.5
92	MP1B	Z	-2.777	1.5
93	MP1B	Mx	-.002	1.5
94	MP1C	X	6.932	1.5
95	MP1C	Z	-4.002	1.5
96	MP1C	Mx	0	1.5
97	MP4A	X	9.226	1.5
98	MP4A	Z	-5.327	1.5
99	MP4A	Mx	.005	1.5
100	MP4B	X	9.226	1.5
101	MP4B	Z	-5.327	1.5
102	MP4B	Mx	-.005	1.5
103	MP4C	X	11.805	1.5
104	MP4C	Z	-6.816	1.5
105	MP4C	Mx	0	1.5
106	MP2A	X	8.762	1.5
107	MP2A	Z	-5.059	1.5
108	MP2A	Mx	.004	1.5
109	MP2B	X	8.762	1.5
110	MP2B	Z	-5.059	1.5
111	MP2B	Mx	-.004	1.5
112	MP2C	X	11.805	1.5
113	MP2C	Z	-6.816	1.5
114	MP2C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	3.193	1.5
2	MP3A	Z	0	1.5
3	MP3A	Mx	.002	1.5
4	MP3B	X	6.592	1.5
5	MP3B	Z	0	1.5
6	MP3B	Mx	-.002	1.5
7	MP3C	X	6.592	1.5
8	MP3C	Z	0	1.5
9	MP3C	Mx	-.002	1.5
10	MP1A	X	20.953	.25
11	MP1A	Z	0	.25
12	MP1A	Mx	-.01	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	20.953	3.75
14	MP1A	Z	0	3.75
15	MP1A	Mx	-.01	3.75
16	MP1B	X	27.573	.25
17	MP1B	Z	0	.25
18	MP1B	Mx	.007	.25
19	MP1B	X	27.573	3.75
20	MP1B	Z	0	3.75
21	MP1B	Mx	.007	3.75
22	MP1C	X	27.573	.25
23	MP1C	Z	0	.25
24	MP1C	Mx	.007	.25
25	MP1C	X	27.573	3.75
26	MP1C	Z	0	3.75
27	MP1C	Mx	.007	3.75
28	MP3A	X	18.408	.25
29	MP3A	Z	0	.25
30	MP3A	Mx	-.009	.25
31	MP3A	X	18.408	3.75
32	MP3A	Z	0	3.75
33	MP3A	Mx	-.009	3.75
34	MP3B	X	24.25	.25
35	MP3B	Z	0	.25
36	MP3B	Mx	.018	.25
37	MP3B	X	24.25	3.75
38	MP3B	Z	0	3.75
39	MP3B	Mx	.018	3.75
40	MP3C	X	24.25	.25
41	MP3C	Z	0	.25
42	MP3C	Mx	-.006	.25
43	MP3C	X	24.25	3.75
44	MP3C	Z	0	3.75
45	MP3C	Mx	-.006	3.75
46	MP3A	X	18.408	.25
47	MP3A	Z	0	.25
48	MP3A	Mx	-.009	.25
49	MP3A	X	18.408	3.75
50	MP3A	Z	0	3.75
51	MP3A	Mx	-.009	3.75
52	MP3B	X	24.25	.25
53	MP3B	Z	0	.25
54	MP3B	Mx	-.006	.25
55	MP3B	X	24.25	3.75
56	MP3B	Z	0	3.75
57	MP3B	Mx	-.006	3.75
58	MP3C	X	24.25	.25
59	MP3C	Z	0	.25
60	MP3C	Mx	.018	.25
61	MP3C	X	24.25	3.75
62	MP3C	Z	0	3.75
63	MP3C	Mx	.018	3.75
64	MP5A	X	6.986	1
65	MP5A	Z	0	1
66	MP5A	Mx	-.003	1
67	MP5A	X	6.986	3
68	MP5A	Z	0	3
69	MP5A	Mx	-.003	3
70	MP5B	X	13.559	1
71	MP5B	Z	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	.003	1
73	MP5B	X	13.559	3
74	MP5B	Z	0	3
75	MP5B	Mx	.003	3
76	MP5C	X	13.559	1
77	MP5C	Z	0	1
78	MP5C	Mx	.003	1
79	MP5C	X	13.559	3
80	MP5C	Z	0	3
81	MP5C	Mx	.003	3
82	M106	X	17.885	1
83	M106	Z	0	1
84	M106	Mx	0	1
85	M108	X	17.885	1
86	M108	Z	0	1
87	M108	Mx	0	1
88	MP1A	X	4.737	1.5
89	MP1A	Z	0	1.5
90	MP1A	Mx	.002	1.5
91	MP1B	X	7.188	1.5
92	MP1B	Z	0	1.5
93	MP1B	Mx	-.002	1.5
94	MP1C	X	7.188	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	-.002	1.5
97	MP4A	X	9.661	1.5
98	MP4A	Z	0	1.5
99	MP4A	Mx	.005	1.5
100	MP4B	X	12.639	1.5
101	MP4B	Z	0	1.5
102	MP4B	Mx	-.003	1.5
103	MP4C	X	12.639	1.5
104	MP4C	Z	0	1.5
105	MP4C	Mx	-.003	1.5
106	MP2A	X	8.946	1.5
107	MP2A	Z	0	1.5
108	MP2A	Mx	.004	1.5
109	MP2B	X	12.46	1.5
110	MP2B	Z	0	1.5
111	MP2B	Mx	-.003	1.5
112	MP2C	X	12.46	1.5
113	MP2C	Z	0	1.5
114	MP2C	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	3.746	1.5
2	MP3A	Z	2.163	1.5
3	MP3A	Mx	.002	1.5
4	MP3B	X	6.69	1.5
5	MP3B	Z	3.862	1.5
6	MP3B	Mx	0	1.5
7	MP3C	X	3.746	1.5
8	MP3C	Z	2.163	1.5
9	MP3C	Mx	-.002	1.5
10	MP1A	X	20.057	.25
11	MP1A	Z	11.58	.25
12	MP1A	Mx	-.01	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	20.057	3.75
14	MP1A	Z	11.58	3.75
15	MP1A	Mx	-.01	3.75
16	MP1B	X	25.79	.25
17	MP1B	Z	14.89	.25
18	MP1B	Mx	0	.25
19	MP1B	X	25.79	3.75
20	MP1B	Z	14.89	3.75
21	MP1B	Mx	0	3.75
22	MP1C	X	20.057	.25
23	MP1C	Z	11.58	.25
24	MP1C	Mx	.01	.25
25	MP1C	X	20.057	3.75
26	MP1C	Z	11.58	3.75
27	MP1C	Mx	.01	3.75
28	MP3A	X	17.628	.25
29	MP3A	Z	10.178	.25
30	MP3A	Mx	-.015	.25
31	MP3A	X	17.628	3.75
32	MP3A	Z	10.178	3.75
33	MP3A	Mx	-.015	3.75
34	MP3B	X	22.688	.25
35	MP3B	Z	13.099	.25
36	MP3B	Mx	.015	.25
37	MP3B	X	22.688	3.75
38	MP3B	Z	13.099	3.75
39	MP3B	Mx	.015	3.75
40	MP3C	X	17.628	.25
41	MP3C	Z	10.178	.25
42	MP3C	Mx	.003	.25
43	MP3C	X	17.628	3.75
44	MP3C	Z	10.178	3.75
45	MP3C	Mx	.003	3.75
46	MP3A	X	17.628	.25
47	MP3A	Z	10.178	.25
48	MP3A	Mx	-.003	.25
49	MP3A	X	17.628	3.75
50	MP3A	Z	10.178	3.75
51	MP3A	Mx	-.003	3.75
52	MP3B	X	22.688	.25
53	MP3B	Z	13.099	.25
54	MP3B	Mx	-.015	.25
55	MP3B	X	22.688	3.75
56	MP3B	Z	13.099	3.75
57	MP3B	Mx	-.015	3.75
58	MP3C	X	17.628	.25
59	MP3C	Z	10.178	.25
60	MP3C	Mx	.015	.25
61	MP3C	X	17.628	3.75
62	MP3C	Z	10.178	3.75
63	MP3C	Mx	.015	3.75
64	MP5A	X	7.947	1
65	MP5A	Z	4.588	1
66	MP5A	Mx	-.004	1
67	MP5A	X	7.947	3
68	MP5A	Z	4.588	3
69	MP5A	Mx	-.004	3
70	MP5B	X	13.64	1
71	MP5B	Z	7.875	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	0	1
73	MP5B	X	13.64	3
74	MP5B	Z	7.875	3
75	MP5B	Mx	0	3
76	MP5C	X	7.947	1
77	MP5C	Z	4.588	1
78	MP5C	Mx	.004	1
79	MP5C	X	7.947	3
80	MP5C	Z	4.588	3
81	MP5C	Mx	.004	3
82	M106	X	17.177	1
83	M106	Z	9.917	1
84	M106	Mx	0	1
85	M108	X	17.177	1
86	M108	Z	9.917	1
87	M108	Mx	0	1
88	MP1A	X	4.81	1.5
89	MP1A	Z	2.777	1.5
90	MP1A	Mx	.002	1.5
91	MP1B	X	6.932	1.5
92	MP1B	Z	4.002	1.5
93	MP1B	Mx	0	1.5
94	MP1C	X	4.81	1.5
95	MP1C	Z	2.777	1.5
96	MP1C	Mx	-.002	1.5
97	MP4A	X	9.226	1.5
98	MP4A	Z	5.327	1.5
99	MP4A	Mx	.005	1.5
100	MP4B	X	11.805	1.5
101	MP4B	Z	6.816	1.5
102	MP4B	Mx	0	1.5
103	MP4C	X	9.226	1.5
104	MP4C	Z	5.327	1.5
105	MP4C	Mx	-.005	1.5
106	MP2A	X	8.762	1.5
107	MP2A	Z	5.059	1.5
108	MP2A	Mx	.004	1.5
109	MP2B	X	11.805	1.5
110	MP2B	Z	6.816	1.5
111	MP2B	Mx	0	1.5
112	MP2C	X	8.762	1.5
113	MP2C	Z	5.059	1.5
114	MP2C	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	3.296	1.5
2	MP3A	Z	5.709	1.5
3	MP3A	Mx	.002	1.5
4	MP3B	X	3.296	1.5
5	MP3B	Z	5.709	1.5
6	MP3B	Mx	.002	1.5
7	MP3C	X	1.596	1.5
8	MP3C	Z	2.765	1.5
9	MP3C	Mx	-.002	1.5
10	MP1A	X	13.787	.25
11	MP1A	Z	23.879	.25
12	MP1A	Mx	-.007	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	13.787	3.75
14	MP1A	Z	23.879	3.75
15	MP1A	Mx	-.007	3.75
16	MP1B	X	13.787	.25
17	MP1B	Z	23.879	.25
18	MP1B	Mx	-.007	.25
19	MP1B	X	13.787	3.75
20	MP1B	Z	23.879	3.75
21	MP1B	Mx	-.007	3.75
22	MP1C	X	10.477	.25
23	MP1C	Z	18.146	.25
24	MP1C	Mx	.01	.25
25	MP1C	X	10.477	3.75
26	MP1C	Z	18.146	3.75
27	MP1C	Mx	.01	3.75
28	MP3A	X	12.125	.25
29	MP3A	Z	21.001	.25
30	MP3A	Mx	-.018	.25
31	MP3A	X	12.125	3.75
32	MP3A	Z	21.001	3.75
33	MP3A	Mx	-.018	3.75
34	MP3B	X	12.125	.25
35	MP3B	Z	21.001	.25
36	MP3B	Mx	.006	.25
37	MP3B	X	12.125	3.75
38	MP3B	Z	21.001	3.75
39	MP3B	Mx	.006	3.75
40	MP3C	X	9.204	.25
41	MP3C	Z	15.942	.25
42	MP3C	Mx	.009	.25
43	MP3C	X	9.204	3.75
44	MP3C	Z	15.942	3.75
45	MP3C	Mx	.009	3.75
46	MP3A	X	12.125	.25
47	MP3A	Z	21.001	.25
48	MP3A	Mx	.006	.25
49	MP3A	X	12.125	3.75
50	MP3A	Z	21.001	3.75
51	MP3A	Mx	.006	3.75
52	MP3B	X	12.125	.25
53	MP3B	Z	21.001	.25
54	MP3B	Mx	-.018	.25
55	MP3B	X	12.125	3.75
56	MP3B	Z	21.001	3.75
57	MP3B	Mx	-.018	3.75
58	MP3C	X	9.204	.25
59	MP3C	Z	15.942	.25
60	MP3C	Mx	.009	.25
61	MP3C	X	9.204	3.75
62	MP3C	Z	15.942	3.75
63	MP3C	Mx	.009	3.75
64	MP5A	X	6.779	1
65	MP5A	Z	11.742	1
66	MP5A	Mx	-.003	1
67	MP5A	X	6.779	3
68	MP5A	Z	11.742	3
69	MP5A	Mx	-.003	3
70	MP5B	X	6.779	1
71	MP5B	Z	11.742	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	-.003	1
73	MP5B	X	6.779	3
74	MP5B	Z	11.742	3
75	MP5B	Mx	-.003	3
76	MP5C	X	3.493	1
77	MP5C	Z	6.05	1
78	MP5C	Mx	.003	1
79	MP5C	X	3.493	3
80	MP5C	Z	6.05	3
81	MP5C	Mx	.003	3
82	M106	X	11.866	1
83	M106	Z	20.552	1
84	M106	Mx	0	1
85	M108	X	11.866	1
86	M108	Z	20.552	1
87	M108	Mx	0	1
88	MP1A	X	3.594	1.5
89	MP1A	Z	6.225	1.5
90	MP1A	Mx	.002	1.5
91	MP1B	X	3.594	1.5
92	MP1B	Z	6.225	1.5
93	MP1B	Mx	.002	1.5
94	MP1C	X	2.368	1.5
95	MP1C	Z	4.102	1.5
96	MP1C	Mx	-.002	1.5
97	MP4A	X	6.319	1.5
98	MP4A	Z	10.946	1.5
99	MP4A	Mx	.003	1.5
100	MP4B	X	6.319	1.5
101	MP4B	Z	10.946	1.5
102	MP4B	Mx	.003	1.5
103	MP4C	X	4.831	1.5
104	MP4C	Z	8.367	1.5
105	MP4C	Mx	-.005	1.5
106	MP2A	X	6.23	1.5
107	MP2A	Z	10.791	1.5
108	MP2A	Mx	.003	1.5
109	MP2B	X	6.23	1.5
110	MP2B	Z	10.791	1.5
111	MP2B	Mx	.003	1.5
112	MP2C	X	4.473	1.5
113	MP2C	Z	7.748	1.5
114	MP2C	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	0	1.5
2	MP3A	Z	7.725	1.5
3	MP3A	Mx	0	1.5
4	MP3B	X	0	1.5
5	MP3B	Z	4.326	1.5
6	MP3B	Mx	.002	1.5
7	MP3C	X	0	1.5
8	MP3C	Z	4.326	1.5
9	MP3C	Mx	-.002	1.5
10	MP1A	X	0	.25
11	MP1A	Z	29.78	.25
12	MP1A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	0	3.75
14	MP1A	Z	29.78	3.75
15	MP1A	Mx	0	3.75
16	MP1B	X	0	.25
17	MP1B	Z	23.16	.25
18	MP1B	Mx	-.01	.25
19	MP1B	X	0	3.75
20	MP1B	Z	23.16	3.75
21	MP1B	Mx	-.01	3.75
22	MP1C	X	0	.25
23	MP1C	Z	23.16	.25
24	MP1C	Mx	.01	.25
25	MP1C	X	0	3.75
26	MP1C	Z	23.16	3.75
27	MP1C	Mx	.01	3.75
28	MP3A	X	0	.25
29	MP3A	Z	26.197	.25
30	MP3A	Mx	-.015	.25
31	MP3A	X	0	3.75
32	MP3A	Z	26.197	3.75
33	MP3A	Mx	-.015	3.75
34	MP3B	X	0	.25
35	MP3B	Z	20.356	.25
36	MP3B	Mx	-.003	.25
37	MP3B	X	0	3.75
38	MP3B	Z	20.356	3.75
39	MP3B	Mx	-.003	3.75
40	MP3C	X	0	.25
41	MP3C	Z	20.356	.25
42	MP3C	Mx	.015	.25
43	MP3C	X	0	3.75
44	MP3C	Z	20.356	3.75
45	MP3C	Mx	.015	3.75
46	MP3A	X	0	.25
47	MP3A	Z	26.197	.25
48	MP3A	Mx	.015	.25
49	MP3A	X	0	3.75
50	MP3A	Z	26.197	3.75
51	MP3A	Mx	.015	3.75
52	MP3B	X	0	.25
53	MP3B	Z	20.356	.25
54	MP3B	Mx	-.015	.25
55	MP3B	X	0	3.75
56	MP3B	Z	20.356	3.75
57	MP3B	Mx	-.015	3.75
58	MP3C	X	0	.25
59	MP3C	Z	20.356	.25
60	MP3C	Mx	.003	.25
61	MP3C	X	0	3.75
62	MP3C	Z	20.356	3.75
63	MP3C	Mx	.003	3.75
64	MP5A	X	0	1
65	MP5A	Z	15.75	1
66	MP5A	Mx	0	1
67	MP5A	X	0	3
68	MP5A	Z	15.75	3
69	MP5A	Mx	0	3
70	MP5B	X	0	1
71	MP5B	Z	9.177	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	-.004	1
73	MP5B	X	0	3
74	MP5B	Z	9.177	3
75	MP5B	Mx	-.004	3
76	MP5C	X	0	1
77	MP5C	Z	9.177	1
78	MP5C	Mx	.004	1
79	MP5C	X	0	3
80	MP5C	Z	9.177	3
81	MP5C	Mx	.004	3
82	M106	X	0	1
83	M106	Z	25.68	1
84	M106	Mx	0	1
85	M108	X	0	1
86	M108	Z	25.68	1
87	M108	Mx	0	1
88	MP1A	X	0	1.5
89	MP1A	Z	8.005	1.5
90	MP1A	Mx	0	1.5
91	MP1B	X	0	1.5
92	MP1B	Z	5.554	1.5
93	MP1B	Mx	.002	1.5
94	MP1C	X	0	1.5
95	MP1C	Z	5.554	1.5
96	MP1C	Mx	-.002	1.5
97	MP4A	X	0	1.5
98	MP4A	Z	13.632	1.5
99	MP4A	Mx	0	1.5
100	MP4B	X	0	1.5
101	MP4B	Z	10.654	1.5
102	MP4B	Mx	.005	1.5
103	MP4C	X	0	1.5
104	MP4C	Z	10.654	1.5
105	MP4C	Mx	-.005	1.5
106	MP2A	X	0	1.5
107	MP2A	Z	13.632	1.5
108	MP2A	Mx	0	1.5
109	MP2B	X	0	1.5
110	MP2B	Z	10.118	1.5
111	MP2B	Mx	.004	1.5
112	MP2C	X	0	1.5
113	MP2C	Z	10.118	1.5
114	MP2C	Mx	-.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	-3.296	1.5
2	MP3A	Z	5.709	1.5
3	MP3A	Mx	-.002	1.5
4	MP3B	X	-1.596	1.5
5	MP3B	Z	2.765	1.5
6	MP3B	Mx	.002	1.5
7	MP3C	X	-3.296	1.5
8	MP3C	Z	5.709	1.5
9	MP3C	Mx	-.002	1.5
10	MP1A	X	-13.787	.25
11	MP1A	Z	23.879	.25
12	MP1A	Mx	.007	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-13.787	3.75
14	MP1A	Z	23.879	3.75
15	MP1A	Mx	.007	3.75
16	MP1B	X	-10.477	.25
17	MP1B	Z	18.146	.25
18	MP1B	Mx	-.01	.25
19	MP1B	X	-10.477	3.75
20	MP1B	Z	18.146	3.75
21	MP1B	Mx	-.01	3.75
22	MP1C	X	-13.787	.25
23	MP1C	Z	23.879	.25
24	MP1C	Mx	.007	.25
25	MP1C	X	-13.787	3.75
26	MP1C	Z	23.879	3.75
27	MP1C	Mx	.007	3.75
28	MP3A	X	-12.125	.25
29	MP3A	Z	21.001	.25
30	MP3A	Mx	-.006	.25
31	MP3A	X	-12.125	3.75
32	MP3A	Z	21.001	3.75
33	MP3A	Mx	-.006	3.75
34	MP3B	X	-9.204	.25
35	MP3B	Z	15.942	.25
36	MP3B	Mx	-.009	.25
37	MP3B	X	-9.204	3.75
38	MP3B	Z	15.942	3.75
39	MP3B	Mx	-.009	3.75
40	MP3C	X	-12.125	.25
41	MP3C	Z	21.001	.25
42	MP3C	Mx	.018	.25
43	MP3C	X	-12.125	3.75
44	MP3C	Z	21.001	3.75
45	MP3C	Mx	.018	3.75
46	MP3A	X	-12.125	.25
47	MP3A	Z	21.001	.25
48	MP3A	Mx	.018	.25
49	MP3A	X	-12.125	3.75
50	MP3A	Z	21.001	3.75
51	MP3A	Mx	.018	3.75
52	MP3B	X	-9.204	.25
53	MP3B	Z	15.942	.25
54	MP3B	Mx	-.009	.25
55	MP3B	X	-9.204	3.75
56	MP3B	Z	15.942	3.75
57	MP3B	Mx	-.009	3.75
58	MP3C	X	-12.125	.25
59	MP3C	Z	21.001	.25
60	MP3C	Mx	-.006	.25
61	MP3C	X	-12.125	3.75
62	MP3C	Z	21.001	3.75
63	MP3C	Mx	-.006	3.75
64	MP5A	X	-6.779	1
65	MP5A	Z	11.742	1
66	MP5A	Mx	.003	1
67	MP5A	X	-6.779	3
68	MP5A	Z	11.742	3
69	MP5A	Mx	.003	3
70	MP5B	X	-3.493	1
71	MP5B	Z	6.05	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.003	1
73	MP5B	X	-3.493	3
74	MP5B	Z	6.05	3
75	MP5B	Mx	-.003	3
76	MP5C	X	-6.779	1
77	MP5C	Z	11.742	1
78	MP5C	Mx	.003	1
79	MP5C	X	-6.779	3
80	MP5C	Z	11.742	3
81	MP5C	Mx	.003	3
82	M106	X	-11.866	1
83	M106	Z	20.552	1
84	M106	Mx	0	1
85	M108	X	-11.866	1
86	M108	Z	20.552	1
87	M108	Mx	0	1
88	MP1A	X	-3.594	1.5
89	MP1A	Z	6.225	1.5
90	MP1A	Mx	-.002	1.5
91	MP1B	X	-2.368	1.5
92	MP1B	Z	4.102	1.5
93	MP1B	Mx	.002	1.5
94	MP1C	X	-3.594	1.5
95	MP1C	Z	6.225	1.5
96	MP1C	Mx	-.002	1.5
97	MP4A	X	-6.319	1.5
98	MP4A	Z	10.946	1.5
99	MP4A	Mx	-.003	1.5
100	MP4B	X	-4.831	1.5
101	MP4B	Z	8.367	1.5
102	MP4B	Mx	.005	1.5
103	MP4C	X	-6.319	1.5
104	MP4C	Z	10.946	1.5
105	MP4C	Mx	-.003	1.5
106	MP2A	X	-6.23	1.5
107	MP2A	Z	10.791	1.5
108	MP2A	Mx	-.003	1.5
109	MP2B	X	-4.473	1.5
110	MP2B	Z	7.748	1.5
111	MP2B	Mx	.004	1.5
112	MP2C	X	-6.23	1.5
113	MP2C	Z	10.791	1.5
114	MP2C	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-3.746	1.5
2	MP3A	Z	2.163	1.5
3	MP3A	Mx	-.002	1.5
4	MP3B	X	-3.746	1.5
5	MP3B	Z	2.163	1.5
6	MP3B	Mx	.002	1.5
7	MP3C	X	-6.69	1.5
8	MP3C	Z	3.862	1.5
9	MP3C	Mx	0	1.5
10	MP1A	X	-20.057	.25
11	MP1A	Z	11.58	.25
12	MP1A	Mx	.01	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-20.057	3.75
14	MP1A	Z	11.58	3.75
15	MP1A	Mx	.01	3.75
16	MP1B	X	-20.057	.25
17	MP1B	Z	11.58	.25
18	MP1B	Mx	-.01	.25
19	MP1B	X	-20.057	3.75
20	MP1B	Z	11.58	3.75
21	MP1B	Mx	-.01	3.75
22	MP1C	X	-25.79	.25
23	MP1C	Z	14.89	.25
24	MP1C	Mx	0	.25
25	MP1C	X	-25.79	3.75
26	MP1C	Z	14.89	3.75
27	MP1C	Mx	0	3.75
28	MP3A	X	-17.628	.25
29	MP3A	Z	10.178	.25
30	MP3A	Mx	.003	.25
31	MP3A	X	-17.628	3.75
32	MP3A	Z	10.178	3.75
33	MP3A	Mx	.003	3.75
34	MP3B	X	-17.628	.25
35	MP3B	Z	10.178	.25
36	MP3B	Mx	-.015	.25
37	MP3B	X	-17.628	3.75
38	MP3B	Z	10.178	3.75
39	MP3B	Mx	-.015	3.75
40	MP3C	X	-22.688	.25
41	MP3C	Z	13.099	.25
42	MP3C	Mx	.015	.25
43	MP3C	X	-22.688	3.75
44	MP3C	Z	13.099	3.75
45	MP3C	Mx	.015	3.75
46	MP3A	X	-17.628	.25
47	MP3A	Z	10.178	.25
48	MP3A	Mx	.015	.25
49	MP3A	X	-17.628	3.75
50	MP3A	Z	10.178	3.75
51	MP3A	Mx	.015	3.75
52	MP3B	X	-17.628	.25
53	MP3B	Z	10.178	.25
54	MP3B	Mx	-.003	.25
55	MP3B	X	-17.628	3.75
56	MP3B	Z	10.178	3.75
57	MP3B	Mx	-.003	3.75
58	MP3C	X	-22.688	.25
59	MP3C	Z	13.099	.25
60	MP3C	Mx	-.015	.25
61	MP3C	X	-22.688	3.75
62	MP3C	Z	13.099	3.75
63	MP3C	Mx	-.015	3.75
64	MP5A	X	-7.947	1
65	MP5A	Z	4.588	1
66	MP5A	Mx	.004	1
67	MP5A	X	-7.947	3
68	MP5A	Z	4.588	3
69	MP5A	Mx	.004	3
70	MP5B	X	-7.947	1
71	MP5B	Z	4.588	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.004	1
73	MP5B	X	-7.947	3
74	MP5B	Z	4.588	3
75	MP5B	Mx	-.004	3
76	MP5C	X	-13.64	1
77	MP5C	Z	7.875	1
78	MP5C	Mx	0	1
79	MP5C	X	-13.64	3
80	MP5C	Z	7.875	3
81	MP5C	Mx	0	3
82	M106	X	-17.177	1
83	M106	Z	9.917	1
84	M106	Mx	0	1
85	M108	X	-17.177	1
86	M108	Z	9.917	1
87	M108	Mx	0	1
88	MP1A	X	-4.81	1.5
89	MP1A	Z	2.777	1.5
90	MP1A	Mx	-.002	1.5
91	MP1B	X	-4.81	1.5
92	MP1B	Z	2.777	1.5
93	MP1B	Mx	.002	1.5
94	MP1C	X	-6.932	1.5
95	MP1C	Z	4.002	1.5
96	MP1C	Mx	0	1.5
97	MP4A	X	-9.226	1.5
98	MP4A	Z	5.327	1.5
99	MP4A	Mx	-.005	1.5
100	MP4B	X	-9.226	1.5
101	MP4B	Z	5.327	1.5
102	MP4B	Mx	.005	1.5
103	MP4C	X	-11.805	1.5
104	MP4C	Z	6.816	1.5
105	MP4C	Mx	0	1.5
106	MP2A	X	-8.762	1.5
107	MP2A	Z	5.059	1.5
108	MP2A	Mx	-.004	1.5
109	MP2B	X	-8.762	1.5
110	MP2B	Z	5.059	1.5
111	MP2B	Mx	.004	1.5
112	MP2C	X	-11.805	1.5
113	MP2C	Z	6.816	1.5
114	MP2C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-3.193	1.5
2	MP3A	Z	0	1.5
3	MP3A	Mx	-.002	1.5
4	MP3B	X	-6.592	1.5
5	MP3B	Z	0	1.5
6	MP3B	Mx	.002	1.5
7	MP3C	X	-6.592	1.5
8	MP3C	Z	0	1.5
9	MP3C	Mx	.002	1.5
10	MP1A	X	-20.953	.25
11	MP1A	Z	0	.25
12	MP1A	Mx	.01	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-20.953	3.75
14	MP1A	Z	0	3.75
15	MP1A	Mx	.01	3.75
16	MP1B	X	-27.573	.25
17	MP1B	Z	0	.25
18	MP1B	Mx	-.007	.25
19	MP1B	X	-27.573	3.75
20	MP1B	Z	0	3.75
21	MP1B	Mx	-.007	3.75
22	MP1C	X	-27.573	.25
23	MP1C	Z	0	.25
24	MP1C	Mx	-.007	.25
25	MP1C	X	-27.573	3.75
26	MP1C	Z	0	3.75
27	MP1C	Mx	-.007	3.75
28	MP3A	X	-18.408	.25
29	MP3A	Z	0	.25
30	MP3A	Mx	.009	.25
31	MP3A	X	-18.408	3.75
32	MP3A	Z	0	3.75
33	MP3A	Mx	.009	3.75
34	MP3B	X	-24.25	.25
35	MP3B	Z	0	.25
36	MP3B	Mx	-.018	.25
37	MP3B	X	-24.25	3.75
38	MP3B	Z	0	3.75
39	MP3B	Mx	-.018	3.75
40	MP3C	X	-24.25	.25
41	MP3C	Z	0	.25
42	MP3C	Mx	.006	.25
43	MP3C	X	-24.25	3.75
44	MP3C	Z	0	3.75
45	MP3C	Mx	.006	3.75
46	MP3A	X	-18.408	.25
47	MP3A	Z	0	.25
48	MP3A	Mx	.009	.25
49	MP3A	X	-18.408	3.75
50	MP3A	Z	0	3.75
51	MP3A	Mx	.009	3.75
52	MP3B	X	-24.25	.25
53	MP3B	Z	0	.25
54	MP3B	Mx	.006	.25
55	MP3B	X	-24.25	3.75
56	MP3B	Z	0	3.75
57	MP3B	Mx	.006	3.75
58	MP3C	X	-24.25	.25
59	MP3C	Z	0	.25
60	MP3C	Mx	-.018	.25
61	MP3C	X	-24.25	3.75
62	MP3C	Z	0	3.75
63	MP3C	Mx	-.018	3.75
64	MP5A	X	-6.986	1
65	MP5A	Z	0	1
66	MP5A	Mx	.003	1
67	MP5A	X	-6.986	3
68	MP5A	Z	0	3
69	MP5A	Mx	.003	3
70	MP5B	X	-13.559	1
71	MP5B	Z	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.003	1
73	MP5B	X	-13.559	3
74	MP5B	Z	0	3
75	MP5B	Mx	-.003	3
76	MP5C	X	-13.559	1
77	MP5C	Z	0	1
78	MP5C	Mx	-.003	1
79	MP5C	X	-13.559	3
80	MP5C	Z	0	3
81	MP5C	Mx	-.003	3
82	M106	X	-17.885	1
83	M106	Z	0	1
84	M106	Mx	0	1
85	M108	X	-17.885	1
86	M108	Z	0	1
87	M108	Mx	0	1
88	MP1A	X	-4.737	1.5
89	MP1A	Z	0	1.5
90	MP1A	Mx	-.002	1.5
91	MP1B	X	-7.188	1.5
92	MP1B	Z	0	1.5
93	MP1B	Mx	.002	1.5
94	MP1C	X	-7.188	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	.002	1.5
97	MP4A	X	-9.661	1.5
98	MP4A	Z	0	1.5
99	MP4A	Mx	-.005	1.5
100	MP4B	X	-12.639	1.5
101	MP4B	Z	0	1.5
102	MP4B	Mx	.003	1.5
103	MP4C	X	-12.639	1.5
104	MP4C	Z	0	1.5
105	MP4C	Mx	.003	1.5
106	MP2A	X	-8.946	1.5
107	MP2A	Z	0	1.5
108	MP2A	Mx	-.004	1.5
109	MP2B	X	-12.46	1.5
110	MP2B	Z	0	1.5
111	MP2B	Mx	.003	1.5
112	MP2C	X	-12.46	1.5
113	MP2C	Z	0	1.5
114	MP2C	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-3.746	1.5
2	MP3A	Z	-2.163	1.5
3	MP3A	Mx	-.002	1.5
4	MP3B	X	-6.69	1.5
5	MP3B	Z	-3.862	1.5
6	MP3B	Mx	0	1.5
7	MP3C	X	-3.746	1.5
8	MP3C	Z	-2.163	1.5
9	MP3C	Mx	.002	1.5
10	MP1A	X	-20.057	.25
11	MP1A	Z	-11.58	.25
12	MP1A	Mx	.01	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-20.057	3.75
14	MP1A	Z	-11.58	3.75
15	MP1A	Mx	.01	3.75
16	MP1B	X	-25.79	.25
17	MP1B	Z	-14.89	.25
18	MP1B	Mx	0	.25
19	MP1B	X	-25.79	3.75
20	MP1B	Z	-14.89	3.75
21	MP1B	Mx	0	3.75
22	MP1C	X	-20.057	.25
23	MP1C	Z	-11.58	.25
24	MP1C	Mx	-.01	.25
25	MP1C	X	-20.057	3.75
26	MP1C	Z	-11.58	3.75
27	MP1C	Mx	-.01	3.75
28	MP3A	X	-17.628	.25
29	MP3A	Z	-10.178	.25
30	MP3A	Mx	.015	.25
31	MP3A	X	-17.628	3.75
32	MP3A	Z	-10.178	3.75
33	MP3A	Mx	.015	3.75
34	MP3B	X	-22.688	.25
35	MP3B	Z	-13.099	.25
36	MP3B	Mx	-.015	.25
37	MP3B	X	-22.688	3.75
38	MP3B	Z	-13.099	3.75
39	MP3B	Mx	-.015	3.75
40	MP3C	X	-17.628	.25
41	MP3C	Z	-10.178	.25
42	MP3C	Mx	-.003	.25
43	MP3C	X	-17.628	3.75
44	MP3C	Z	-10.178	3.75
45	MP3C	Mx	-.003	3.75
46	MP3A	X	-17.628	.25
47	MP3A	Z	-10.178	.25
48	MP3A	Mx	.003	.25
49	MP3A	X	-17.628	3.75
50	MP3A	Z	-10.178	3.75
51	MP3A	Mx	.003	3.75
52	MP3B	X	-22.688	.25
53	MP3B	Z	-13.099	.25
54	MP3B	Mx	.015	.25
55	MP3B	X	-22.688	3.75
56	MP3B	Z	-13.099	3.75
57	MP3B	Mx	.015	3.75
58	MP3C	X	-17.628	.25
59	MP3C	Z	-10.178	.25
60	MP3C	Mx	-.015	.25
61	MP3C	X	-17.628	3.75
62	MP3C	Z	-10.178	3.75
63	MP3C	Mx	-.015	3.75
64	MP5A	X	-7.947	1
65	MP5A	Z	-4.588	1
66	MP5A	Mx	.004	1
67	MP5A	X	-7.947	3
68	MP5A	Z	-4.588	3
69	MP5A	Mx	.004	3
70	MP5B	X	-13.64	1
71	MP5B	Z	-7.875	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	0	1
73	MP5B	X	-13.64	3
74	MP5B	Z	-7.875	3
75	MP5B	Mx	0	3
76	MP5C	X	-7.947	1
77	MP5C	Z	-4.588	1
78	MP5C	Mx	-.004	1
79	MP5C	X	-7.947	3
80	MP5C	Z	-4.588	3
81	MP5C	Mx	-.004	3
82	M106	X	-17.177	1
83	M106	Z	-9.917	1
84	M106	Mx	0	1
85	M108	X	-17.177	1
86	M108	Z	-9.917	1
87	M108	Mx	0	1
88	MP1A	X	-4.81	1.5
89	MP1A	Z	-2.777	1.5
90	MP1A	Mx	-.002	1.5
91	MP1B	X	-6.932	1.5
92	MP1B	Z	-4.002	1.5
93	MP1B	Mx	0	1.5
94	MP1C	X	-4.81	1.5
95	MP1C	Z	-2.777	1.5
96	MP1C	Mx	.002	1.5
97	MP4A	X	-9.226	1.5
98	MP4A	Z	-5.327	1.5
99	MP4A	Mx	-.005	1.5
100	MP4B	X	-11.805	1.5
101	MP4B	Z	-6.816	1.5
102	MP4B	Mx	0	1.5
103	MP4C	X	-9.226	1.5
104	MP4C	Z	-5.327	1.5
105	MP4C	Mx	.005	1.5
106	MP2A	X	-8.762	1.5
107	MP2A	Z	-5.059	1.5
108	MP2A	Mx	-.004	1.5
109	MP2B	X	-11.805	1.5
110	MP2B	Z	-6.816	1.5
111	MP2B	Mx	0	1.5
112	MP2C	X	-8.762	1.5
113	MP2C	Z	-5.059	1.5
114	MP2C	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-3.296	1.5
2	MP3A	Z	-5.709	1.5
3	MP3A	Mx	-.002	1.5
4	MP3B	X	-3.296	1.5
5	MP3B	Z	-5.709	1.5
6	MP3B	Mx	-.002	1.5
7	MP3C	X	-1.596	1.5
8	MP3C	Z	-2.765	1.5
9	MP3C	Mx	.002	1.5
10	MP1A	X	-13.787	.25
11	MP1A	Z	-23.879	.25
12	MP1A	Mx	.007	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-13.787	3.75
14	MP1A	Z	-23.879	3.75
15	MP1A	Mx	.007	3.75
16	MP1B	X	-13.787	.25
17	MP1B	Z	-23.879	.25
18	MP1B	Mx	.007	.25
19	MP1B	X	-13.787	3.75
20	MP1B	Z	-23.879	3.75
21	MP1B	Mx	.007	3.75
22	MP1C	X	-10.477	.25
23	MP1C	Z	-18.146	.25
24	MP1C	Mx	-.01	.25
25	MP1C	X	-10.477	3.75
26	MP1C	Z	-18.146	3.75
27	MP1C	Mx	-.01	3.75
28	MP3A	X	-12.125	.25
29	MP3A	Z	-21.001	.25
30	MP3A	Mx	.018	.25
31	MP3A	X	-12.125	3.75
32	MP3A	Z	-21.001	3.75
33	MP3A	Mx	.018	3.75
34	MP3B	X	-12.125	.25
35	MP3B	Z	-21.001	.25
36	MP3B	Mx	-.006	.25
37	MP3B	X	-12.125	3.75
38	MP3B	Z	-21.001	3.75
39	MP3B	Mx	-.006	3.75
40	MP3C	X	-9.204	.25
41	MP3C	Z	-15.942	.25
42	MP3C	Mx	-.009	.25
43	MP3C	X	-9.204	3.75
44	MP3C	Z	-15.942	3.75
45	MP3C	Mx	-.009	3.75
46	MP3A	X	-12.125	.25
47	MP3A	Z	-21.001	.25
48	MP3A	Mx	-.006	.25
49	MP3A	X	-12.125	3.75
50	MP3A	Z	-21.001	3.75
51	MP3A	Mx	-.006	3.75
52	MP3B	X	-12.125	.25
53	MP3B	Z	-21.001	.25
54	MP3B	Mx	.018	.25
55	MP3B	X	-12.125	3.75
56	MP3B	Z	-21.001	3.75
57	MP3B	Mx	.018	3.75
58	MP3C	X	-9.204	.25
59	MP3C	Z	-15.942	.25
60	MP3C	Mx	-.009	.25
61	MP3C	X	-9.204	3.75
62	MP3C	Z	-15.942	3.75
63	MP3C	Mx	-.009	3.75
64	MP5A	X	-6.779	1
65	MP5A	Z	-11.742	1
66	MP5A	Mx	.003	1
67	MP5A	X	-6.779	3
68	MP5A	Z	-11.742	3
69	MP5A	Mx	.003	3
70	MP5B	X	-6.779	1
71	MP5B	Z	-11.742	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	.003	1
73	MP5B	X	-6.779	3
74	MP5B	Z	-11.742	3
75	MP5B	Mx	.003	3
76	MP5C	X	-3.493	1
77	MP5C	Z	-6.05	1
78	MP5C	Mx	-.003	1
79	MP5C	X	-3.493	3
80	MP5C	Z	-6.05	3
81	MP5C	Mx	-.003	3
82	M106	X	-11.866	1
83	M106	Z	-20.552	1
84	M106	Mx	0	1
85	M108	X	-11.866	1
86	M108	Z	-20.552	1
87	M108	Mx	0	1
88	MP1A	X	-3.594	1.5
89	MP1A	Z	-6.225	1.5
90	MP1A	Mx	-.002	1.5
91	MP1B	X	-3.594	1.5
92	MP1B	Z	-6.225	1.5
93	MP1B	Mx	-.002	1.5
94	MP1C	X	-2.368	1.5
95	MP1C	Z	-4.102	1.5
96	MP1C	Mx	.002	1.5
97	MP4A	X	-6.319	1.5
98	MP4A	Z	-10.946	1.5
99	MP4A	Mx	-.003	1.5
100	MP4B	X	-6.319	1.5
101	MP4B	Z	-10.946	1.5
102	MP4B	Mx	-.003	1.5
103	MP4C	X	-4.831	1.5
104	MP4C	Z	-8.367	1.5
105	MP4C	Mx	.005	1.5
106	MP2A	X	-6.23	1.5
107	MP2A	Z	-10.791	1.5
108	MP2A	Mx	-.003	1.5
109	MP2B	X	-6.23	1.5
110	MP2B	Z	-10.791	1.5
111	MP2B	Mx	-.003	1.5
112	MP2C	X	-4.473	1.5
113	MP2C	Z	-7.748	1.5
114	MP2C	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	0	1.5
2	MP3A	Z	-1.937	1.5
3	MP3A	Mx	0	1.5
4	MP3B	X	0	1.5
5	MP3B	Z	-.925	1.5
6	MP3B	Mx	-.000401	1.5
7	MP3C	X	0	1.5
8	MP3C	Z	-.925	1.5
9	MP3C	Mx	.000401	1.5
10	MP1A	X	0	.25
11	MP1A	Z	-9.314	.25
12	MP1A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	0	3.75
14	MP1A	Z	-9.314	3.75
15	MP1A	Mx	0	3.75
16	MP1B	X	0	.25
17	MP1B	Z	-6.975	.25
18	MP1B	Mx	.003	.25
19	MP1B	X	0	3.75
20	MP1B	Z	-6.975	3.75
21	MP1B	Mx	.003	3.75
22	MP1C	X	0	.25
23	MP1C	Z	-6.975	.25
24	MP1C	Mx	-.003	.25
25	MP1C	X	0	3.75
26	MP1C	Z	-6.975	3.75
27	MP1C	Mx	-.003	3.75
28	MP3A	X	0	.25
29	MP3A	Z	-5.479	.25
30	MP3A	Mx	.003	.25
31	MP3A	X	0	3.75
32	MP3A	Z	-5.479	3.75
33	MP3A	Mx	.003	3.75
34	MP3B	X	0	.25
35	MP3B	Z	-3.133	.25
36	MP3B	Mx	.000443	.25
37	MP3B	X	0	3.75
38	MP3B	Z	-3.133	3.75
39	MP3B	Mx	.000443	3.75
40	MP3C	X	0	.25
41	MP3C	Z	-3.133	.25
42	MP3C	Mx	-.002	.25
43	MP3C	X	0	3.75
44	MP3C	Z	-3.133	3.75
45	MP3C	Mx	-.002	3.75
46	MP3A	X	0	.25
47	MP3A	Z	-8.123	.25
48	MP3A	Mx	-.005	.25
49	MP3A	X	0	3.75
50	MP3A	Z	-8.123	3.75
51	MP3A	Mx	-.005	3.75
52	MP3B	X	0	.25
53	MP3B	Z	-6.073	.25
54	MP3B	Mx	.004	.25
55	MP3B	X	0	3.75
56	MP3B	Z	-6.073	3.75
57	MP3B	Mx	.004	3.75
58	MP3C	X	0	.25
59	MP3C	Z	-6.073	.25
60	MP3C	Mx	-.000858	.25
61	MP3C	X	0	3.75
62	MP3C	Z	-6.073	3.75
63	MP3C	Mx	-.000858	3.75
64	MP5A	X	0	1
65	MP5A	Z	-3.955	1
66	MP5A	Mx	0	1
67	MP5A	X	0	3
68	MP5A	Z	-3.955	3
69	MP5A	Mx	0	3
70	MP5B	X	0	1
71	MP5B	Z	-2.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	.000871	1
73	MP5B	X	0	3
74	MP5B	Z	-2.011	3
75	MP5B	Mx	.000871	3
76	MP5C	X	0	1
77	MP5C	Z	-2.011	1
78	MP5C	Mx	-.000871	1
79	MP5C	X	0	3
80	MP5C	Z	-2.011	3
81	MP5C	Mx	-.000871	3
82	M106	X	0	1
83	M106	Z	-7.649	1
84	M106	Mx	0	1
85	M108	X	0	1
86	M108	Z	-7.649	1
87	M108	Mx	0	1
88	MP1A	X	0	1.5
89	MP1A	Z	-1.453	1.5
90	MP1A	Mx	0	1.5
91	MP1B	X	0	1.5
92	MP1B	Z	-.878	1.5
93	MP1B	Mx	-.00038	1.5
94	MP1C	X	0	1.5
95	MP1C	Z	-.878	1.5
96	MP1C	Mx	.00038	1.5
97	MP4A	X	0	1.5
98	MP4A	Z	-3.128	1.5
99	MP4A	Mx	0	1.5
100	MP4B	X	0	1.5
101	MP4B	Z	-2.356	1.5
102	MP4B	Mx	-.001	1.5
103	MP4C	X	0	1.5
104	MP4C	Z	-2.356	1.5
105	MP4C	Mx	.001	1.5
106	MP2A	X	0	1.5
107	MP2A	Z	-3.128	1.5
108	MP2A	Mx	0	1.5
109	MP2B	X	0	1.5
110	MP2B	Z	-2.205	1.5
111	MP2B	Mx	-.000955	1.5
112	MP2C	X	0	1.5
113	MP2C	Z	-2.205	1.5
114	MP2C	Mx	.000955	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	.8	1.5
2	MP3A	Z	-1.386	1.5
3	MP3A	Mx	.0004	1.5
4	MP3B	X	.294	1.5
5	MP3B	Z	-.509	1.5
6	MP3B	Mx	-.000294	1.5
7	MP3C	X	.8	1.5
8	MP3C	Z	-1.386	1.5
9	MP3C	Mx	.0004	1.5
10	MP1A	X	4.267	.25
11	MP1A	Z	-7.391	.25
12	MP1A	Mx	-.002	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	4.267	3.75
14	MP1A	Z	-7.391	3.75
15	MP1A	Mx	-.002	3.75
16	MP1B	X	3.098	.25
17	MP1B	Z	-5.366	.25
18	MP1B	Mx	.003	.25
19	MP1B	X	3.098	3.75
20	MP1B	Z	-5.366	3.75
21	MP1B	Mx	.003	3.75
22	MP1C	X	4.267	.25
23	MP1C	Z	-7.391	.25
24	MP1C	Mx	-.002	.25
25	MP1C	X	4.267	3.75
26	MP1C	Z	-7.391	3.75
27	MP1C	Mx	-.002	3.75
28	MP3A	X	2.349	.25
29	MP3A	Z	-4.068	.25
30	MP3A	Mx	.001	.25
31	MP3A	X	2.349	3.75
32	MP3A	Z	-4.068	3.75
33	MP3A	Mx	.001	3.75
34	MP3B	X	1.176	.25
35	MP3B	Z	-2.036	.25
36	MP3B	Mx	.001	.25
37	MP3B	X	1.176	3.75
38	MP3B	Z	-2.036	3.75
39	MP3B	Mx	.001	3.75
40	MP3C	X	2.349	.25
41	MP3C	Z	-4.068	.25
42	MP3C	Mx	-.004	.25
43	MP3C	X	2.349	3.75
44	MP3C	Z	-4.068	3.75
45	MP3C	Mx	-.004	3.75
46	MP3A	X	3.72	.25
47	MP3A	Z	-6.443	.25
48	MP3A	Mx	-.006	.25
49	MP3A	X	3.72	3.75
50	MP3A	Z	-6.443	3.75
51	MP3A	Mx	-.006	3.75
52	MP3B	X	2.695	.25
53	MP3B	Z	-4.668	.25
54	MP3B	Mx	.003	.25
55	MP3B	X	2.695	3.75
56	MP3B	Z	-4.668	3.75
57	MP3B	Mx	.003	3.75
58	MP3C	X	3.72	.25
59	MP3C	Z	-6.443	.25
60	MP3C	Mx	.002	.25
61	MP3C	X	3.72	3.75
62	MP3C	Z	-6.443	3.75
63	MP3C	Mx	.002	3.75
64	MP5A	X	1.654	1
65	MP5A	Z	-2.864	1
66	MP5A	Mx	-.000827	1
67	MP5A	X	1.654	3
68	MP5A	Z	-2.864	3
69	MP5A	Mx	-.000827	3
70	MP5B	X	.681	1
71	MP5B	Z	-1.18	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	.000681	1
73	MP5B	X	.681	3
74	MP5B	Z	-1.18	3
75	MP5B	Mx	.000681	3
76	MP5C	X	1.654	1
77	MP5C	Z	-2.864	1
78	MP5C	Mx	-.000827	1
79	MP5C	X	1.654	3
80	MP5C	Z	-2.864	3
81	MP5C	Mx	-.000827	3
82	M106	X	3.501	1
83	M106	Z	-6.064	1
84	M106	Mx	0	1
85	M108	X	3.501	1
86	M108	Z	-6.064	1
87	M108	Mx	0	1
88	MP1A	X	.631	1.5
89	MP1A	Z	-1.092	1.5
90	MP1A	Mx	.000316	1.5
91	MP1B	X	.343	1.5
92	MP1B	Z	-.594	1.5
93	MP1B	Mx	-.000343	1.5
94	MP1C	X	.631	1.5
95	MP1C	Z	-1.092	1.5
96	MP1C	Mx	.000315	1.5
97	MP4A	X	1.435	1.5
98	MP4A	Z	-2.486	1.5
99	MP4A	Mx	.000717	1.5
100	MP4B	X	1.049	1.5
101	MP4B	Z	-1.818	1.5
102	MP4B	Mx	-.001	1.5
103	MP4C	X	1.435	1.5
104	MP4C	Z	-2.486	1.5
105	MP4C	Mx	.000718	1.5
106	MP2A	X	1.41	1.5
107	MP2A	Z	-2.442	1.5
108	MP2A	Mx	.000705	1.5
109	MP2B	X	.949	1.5
110	MP2B	Z	-1.643	1.5
111	MP2B	Mx	-.000949	1.5
112	MP2C	X	1.41	1.5
113	MP2C	Z	-2.442	1.5
114	MP2C	Mx	.000705	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	.801	1.5
2	MP3A	Z	-.463	1.5
3	MP3A	Mx	.0004	1.5
4	MP3B	X	.801	1.5
5	MP3B	Z	-.463	1.5
6	MP3B	Mx	-.000401	1.5
7	MP3C	X	1.678	1.5
8	MP3C	Z	-.969	1.5
9	MP3C	Mx	0	1.5
10	MP1A	X	6.041	.25
11	MP1A	Z	-3.488	.25
12	MP1A	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	6.041	3.75
14	MP1A	Z	-3.488	3.75
15	MP1A	Mx	-.003	3.75
16	MP1B	X	6.041	.25
17	MP1B	Z	-3.488	.25
18	MP1B	Mx	.003	.25
19	MP1B	X	6.041	3.75
20	MP1B	Z	-3.488	3.75
21	MP1B	Mx	.003	3.75
22	MP1C	X	8.066	.25
23	MP1C	Z	-4.657	.25
24	MP1C	Mx	0	.25
25	MP1C	X	8.066	3.75
26	MP1C	Z	-4.657	3.75
27	MP1C	Mx	0	3.75
28	MP3A	X	2.713	.25
29	MP3A	Z	-1.567	.25
30	MP3A	Mx	-.000442	.25
31	MP3A	X	2.713	3.75
32	MP3A	Z	-1.567	3.75
33	MP3A	Mx	-.000442	3.75
34	MP3B	X	2.713	.25
35	MP3B	Z	-1.567	.25
36	MP3B	Mx	.002	.25
37	MP3B	X	2.713	3.75
38	MP3B	Z	-1.567	3.75
39	MP3B	Mx	.002	3.75
40	MP3C	X	4.745	.25
41	MP3C	Z	-2.74	.25
42	MP3C	Mx	-.003	.25
43	MP3C	X	4.745	3.75
44	MP3C	Z	-2.74	3.75
45	MP3C	Mx	-.003	3.75
46	MP3A	X	5.26	.25
47	MP3A	Z	-3.037	.25
48	MP3A	Mx	-.004	.25
49	MP3A	X	5.26	3.75
50	MP3A	Z	-3.037	3.75
51	MP3A	Mx	-.004	3.75
52	MP3B	X	5.26	.25
53	MP3B	Z	-3.037	.25
54	MP3B	Mx	.000859	.25
55	MP3B	X	5.26	3.75
56	MP3B	Z	-3.037	3.75
57	MP3B	Mx	.000859	3.75
58	MP3C	X	7.035	.25
59	MP3C	Z	-4.061	.25
60	MP3C	Mx	.005	.25
61	MP3C	X	7.035	3.75
62	MP3C	Z	-4.061	3.75
63	MP3C	Mx	.005	3.75
64	MP5A	X	1.741	1
65	MP5A	Z	-1.005	1
66	MP5A	Mx	-.000871	1
67	MP5A	X	1.741	3
68	MP5A	Z	-1.005	3
69	MP5A	Mx	-.000871	3
70	MP5B	X	1.741	1
71	MP5B	Z	-1.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	.00087	1
73	MP5B	X	1.741	3
74	MP5B	Z	-1.005	3
75	MP5B	Mx	.00087	3
76	MP5C	X	3.426	1
77	MP5C	Z	-1.978	1
78	MP5C	Mx	0	1
79	MP5C	X	3.426	3
80	MP5C	Z	-1.978	3
81	MP5C	Mx	0	3
82	M106	X	4.944	1
83	M106	Z	-2.855	1
84	M106	Mx	0	1
85	M108	X	4.944	1
86	M108	Z	-2.855	1
87	M108	Mx	0	1
88	MP1A	X	.76	1.5
89	MP1A	Z	-.439	1.5
90	MP1A	Mx	.00038	1.5
91	MP1B	X	.76	1.5
92	MP1B	Z	-.439	1.5
93	MP1B	Mx	-.00038	1.5
94	MP1C	X	1.258	1.5
95	MP1C	Z	-.727	1.5
96	MP1C	Mx	0	1.5
97	MP4A	X	2.04	1.5
98	MP4A	Z	-1.178	1.5
99	MP4A	Mx	.001	1.5
100	MP4B	X	2.04	1.5
101	MP4B	Z	-1.178	1.5
102	MP4B	Mx	-.001	1.5
103	MP4C	X	2.709	1.5
104	MP4C	Z	-1.564	1.5
105	MP4C	Mx	0	1.5
106	MP2A	X	1.909	1.5
107	MP2A	Z	-1.102	1.5
108	MP2A	Mx	.000954	1.5
109	MP2B	X	1.909	1.5
110	MP2B	Z	-1.102	1.5
111	MP2B	Mx	-.000954	1.5
112	MP2C	X	2.709	1.5
113	MP2C	Z	-1.564	1.5
114	MP2C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	.588	1.5
2	MP3A	Z	0	1.5
3	MP3A	Mx	.000294	1.5
4	MP3B	X	1.6	1.5
5	MP3B	Z	0	1.5
6	MP3B	Mx	-.0004	1.5
7	MP3C	X	1.6	1.5
8	MP3C	Z	0	1.5
9	MP3C	Mx	-.0004	1.5
10	MP1A	X	6.196	.25
11	MP1A	Z	0	.25
12	MP1A	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	6.196	3.75
14	MP1A	Z	0	3.75
15	MP1A	Mx	-.003	3.75
16	MP1B	X	8.534	.25
17	MP1B	Z	0	.25
18	MP1B	Mx	.002	.25
19	MP1B	X	8.534	3.75
20	MP1B	Z	0	3.75
21	MP1B	Mx	.002	3.75
22	MP1C	X	8.534	.25
23	MP1C	Z	0	.25
24	MP1C	Mx	.002	.25
25	MP1C	X	8.534	3.75
26	MP1C	Z	0	3.75
27	MP1C	Mx	.002	3.75
28	MP3A	X	2.351	.25
29	MP3A	Z	0	.25
30	MP3A	Mx	-.001	.25
31	MP3A	X	2.351	3.75
32	MP3A	Z	0	3.75
33	MP3A	Mx	-.001	3.75
34	MP3B	X	4.697	.25
35	MP3B	Z	0	.25
36	MP3B	Mx	.004	.25
37	MP3B	X	4.697	3.75
38	MP3B	Z	0	3.75
39	MP3B	Mx	.004	3.75
40	MP3C	X	4.697	.25
41	MP3C	Z	0	.25
42	MP3C	Mx	-.001	.25
43	MP3C	X	4.697	3.75
44	MP3C	Z	0	3.75
45	MP3C	Mx	-.001	3.75
46	MP3A	X	5.39	.25
47	MP3A	Z	0	.25
48	MP3A	Mx	-.003	.25
49	MP3A	X	5.39	3.75
50	MP3A	Z	0	3.75
51	MP3A	Mx	-.003	3.75
52	MP3B	X	7.44	.25
53	MP3B	Z	0	.25
54	MP3B	Mx	-.002	.25
55	MP3B	X	7.44	3.75
56	MP3B	Z	0	3.75
57	MP3B	Mx	-.002	3.75
58	MP3C	X	7.44	.25
59	MP3C	Z	0	.25
60	MP3C	Mx	.006	.25
61	MP3C	X	7.44	3.75
62	MP3C	Z	0	3.75
63	MP3C	Mx	.006	3.75
64	MP5A	X	1.362	1
65	MP5A	Z	0	1
66	MP5A	Mx	-.000681	1
67	MP5A	X	1.362	3
68	MP5A	Z	0	3
69	MP5A	Mx	-.000681	3
70	MP5B	X	3.307	1
71	MP5B	Z	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	.000827	1
73	MP5B	X	3.307	3
74	MP5B	Z	0	3
75	MP5B	Mx	.000827	3
76	MP5C	X	3.307	1
77	MP5C	Z	0	1
78	MP5C	Mx	.000827	1
79	MP5C	X	3.307	3
80	MP5C	Z	0	3
81	MP5C	Mx	.000827	3
82	M106	X	5.063	1
83	M106	Z	0	1
84	M106	Mx	0	1
85	M108	X	5.063	1
86	M108	Z	0	1
87	M108	Mx	0	1
88	MP1A	X	.686	1.5
89	MP1A	Z	0	1.5
90	MP1A	Mx	.000343	1.5
91	MP1B	X	1.261	1.5
92	MP1B	Z	0	1.5
93	MP1B	Mx	-.000315	1.5
94	MP1C	X	1.261	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	-.000315	1.5
97	MP4A	X	2.099	1.5
98	MP4A	Z	0	1.5
99	MP4A	Mx	.001	1.5
100	MP4B	X	2.871	1.5
101	MP4B	Z	0	1.5
102	MP4B	Mx	-.000718	1.5
103	MP4C	X	2.871	1.5
104	MP4C	Z	0	1.5
105	MP4C	Mx	-.000718	1.5
106	MP2A	X	1.897	1.5
107	MP2A	Z	0	1.5
108	MP2A	Mx	.000948	1.5
109	MP2B	X	2.82	1.5
110	MP2B	Z	0	1.5
111	MP2B	Mx	-.000705	1.5
112	MP2C	X	2.82	1.5
113	MP2C	Z	0	1.5
114	MP2C	Mx	-.000705	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	.801	1.5
2	MP3A	Z	.463	1.5
3	MP3A	Mx	.0004	1.5
4	MP3B	X	1.678	1.5
5	MP3B	Z	.969	1.5
6	MP3B	Mx	0	1.5
7	MP3C	X	.801	1.5
8	MP3C	Z	.463	1.5
9	MP3C	Mx	-.000401	1.5
10	MP1A	X	6.041	.25
11	MP1A	Z	3.488	.25
12	MP1A	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
13	MP1A	X	6.041	3.75
14	MP1A	Z	3.488	3.75
15	MP1A	Mx	-.003	3.75
16	MP1B	X	8.066	.25
17	MP1B	Z	4.657	.25
18	MP1B	Mx	0	.25
19	MP1B	X	8.066	3.75
20	MP1B	Z	4.657	3.75
21	MP1B	Mx	0	3.75
22	MP1C	X	6.041	.25
23	MP1C	Z	3.488	.25
24	MP1C	Mx	.003	.25
25	MP1C	X	6.041	3.75
26	MP1C	Z	3.488	3.75
27	MP1C	Mx	.003	3.75
28	MP3A	X	2.713	.25
29	MP3A	Z	1.567	.25
30	MP3A	Mx	-.002	.25
31	MP3A	X	2.713	3.75
32	MP3A	Z	1.567	3.75
33	MP3A	Mx	-.002	3.75
34	MP3B	X	4.745	.25
35	MP3B	Z	2.74	.25
36	MP3B	Mx	.003	.25
37	MP3B	X	4.745	3.75
38	MP3B	Z	2.74	3.75
39	MP3B	Mx	.003	3.75
40	MP3C	X	2.713	.25
41	MP3C	Z	1.567	.25
42	MP3C	Mx	.000443	.25
43	MP3C	X	2.713	3.75
44	MP3C	Z	1.567	3.75
45	MP3C	Mx	.000443	3.75
46	MP3A	X	5.26	.25
47	MP3A	Z	3.037	.25
48	MP3A	Mx	-.000858	.25
49	MP3A	X	5.26	3.75
50	MP3A	Z	3.037	3.75
51	MP3A	Mx	-.000858	3.75
52	MP3B	X	7.035	.25
53	MP3B	Z	4.061	.25
54	MP3B	Mx	-.005	.25
55	MP3B	X	7.035	3.75
56	MP3B	Z	4.061	3.75
57	MP3B	Mx	-.005	3.75
58	MP3C	X	5.26	.25
59	MP3C	Z	3.037	.25
60	MP3C	Mx	.004	.25
61	MP3C	X	5.26	3.75
62	MP3C	Z	3.037	3.75
63	MP3C	Mx	.004	3.75
64	MP5A	X	1.741	1
65	MP5A	Z	1.005	1
66	MP5A	Mx	-.000871	1
67	MP5A	X	1.741	3
68	MP5A	Z	1.005	3
69	MP5A	Mx	-.000871	3
70	MP5B	X	3.426	1
71	MP5B	Z	1.978	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	0	1
73	MP5B	X	3.426	3
74	MP5B	Z	1.978	3
75	MP5B	Mx	0	3
76	MP5C	X	1.741	1
77	MP5C	Z	1.005	1
78	MP5C	Mx	.00087	1
79	MP5C	X	1.741	3
80	MP5C	Z	1.005	3
81	MP5C	Mx	.00087	3
82	M106	X	4.944	1
83	M106	Z	2.855	1
84	M106	Mx	0	1
85	M108	X	4.944	1
86	M108	Z	2.855	1
87	M108	Mx	0	1
88	MP1A	X	.76	1.5
89	MP1A	Z	.439	1.5
90	MP1A	Mx	.00038	1.5
91	MP1B	X	1.258	1.5
92	MP1B	Z	.727	1.5
93	MP1B	Mx	0	1.5
94	MP1C	X	.76	1.5
95	MP1C	Z	.439	1.5
96	MP1C	Mx	-.00038	1.5
97	MP4A	X	2.04	1.5
98	MP4A	Z	1.178	1.5
99	MP4A	Mx	.001	1.5
100	MP4B	X	2.709	1.5
101	MP4B	Z	1.564	1.5
102	MP4B	Mx	0	1.5
103	MP4C	X	2.04	1.5
104	MP4C	Z	1.178	1.5
105	MP4C	Mx	-.001	1.5
106	MP2A	X	1.909	1.5
107	MP2A	Z	1.102	1.5
108	MP2A	Mx	.000954	1.5
109	MP2B	X	2.709	1.5
110	MP2B	Z	1.564	1.5
111	MP2B	Mx	0	1.5
112	MP2C	X	1.909	1.5
113	MP2C	Z	1.102	1.5
114	MP2C	Mx	-.000954	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	.8	1.5
2	MP3A	Z	1.386	1.5
3	MP3A	Mx	.0004	1.5
4	MP3B	X	.8	1.5
5	MP3B	Z	1.386	1.5
6	MP3B	Mx	.0004	1.5
7	MP3C	X	.294	1.5
8	MP3C	Z	.509	1.5
9	MP3C	Mx	-.000294	1.5
10	MP1A	X	4.267	.25
11	MP1A	Z	7.391	.25
12	MP1A	Mx	-.002	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	4.267	3.75
14	MP1A	Z	7.391	3.75
15	MP1A	Mx	-.002	3.75
16	MP1B	X	4.267	.25
17	MP1B	Z	7.391	.25
18	MP1B	Mx	-.002	.25
19	MP1B	X	4.267	3.75
20	MP1B	Z	7.391	3.75
21	MP1B	Mx	-.002	3.75
22	MP1C	X	3.098	.25
23	MP1C	Z	5.366	.25
24	MP1C	Mx	.003	.25
25	MP1C	X	3.098	3.75
26	MP1C	Z	5.366	3.75
27	MP1C	Mx	.003	3.75
28	MP3A	X	2.349	.25
29	MP3A	Z	4.068	.25
30	MP3A	Mx	-.004	.25
31	MP3A	X	2.349	3.75
32	MP3A	Z	4.068	3.75
33	MP3A	Mx	-.004	3.75
34	MP3B	X	2.349	.25
35	MP3B	Z	4.068	.25
36	MP3B	Mx	.001	.25
37	MP3B	X	2.349	3.75
38	MP3B	Z	4.068	3.75
39	MP3B	Mx	.001	3.75
40	MP3C	X	1.176	.25
41	MP3C	Z	2.036	.25
42	MP3C	Mx	.001	.25
43	MP3C	X	1.176	3.75
44	MP3C	Z	2.036	3.75
45	MP3C	Mx	.001	3.75
46	MP3A	X	3.72	.25
47	MP3A	Z	6.443	.25
48	MP3A	Mx	.002	.25
49	MP3A	X	3.72	3.75
50	MP3A	Z	6.443	3.75
51	MP3A	Mx	.002	3.75
52	MP3B	X	3.72	.25
53	MP3B	Z	6.443	.25
54	MP3B	Mx	-.006	.25
55	MP3B	X	3.72	3.75
56	MP3B	Z	6.443	3.75
57	MP3B	Mx	-.006	3.75
58	MP3C	X	2.695	.25
59	MP3C	Z	4.668	.25
60	MP3C	Mx	.003	.25
61	MP3C	X	2.695	3.75
62	MP3C	Z	4.668	3.75
63	MP3C	Mx	.003	3.75
64	MP5A	X	1.654	1
65	MP5A	Z	2.864	1
66	MP5A	Mx	-.000827	1
67	MP5A	X	1.654	3
68	MP5A	Z	2.864	3
69	MP5A	Mx	-.000827	3
70	MP5B	X	1.654	1
71	MP5B	Z	2.864	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
72	MP5B	Mx	-.000827	1
73	MP5B	X	1.654	3
74	MP5B	Z	2.864	3
75	MP5B	Mx	-.000827	3
76	MP5C	X	.681	1
77	MP5C	Z	1.18	1
78	MP5C	Mx	.000681	1
79	MP5C	X	.681	3
80	MP5C	Z	1.18	3
81	MP5C	Mx	.000681	3
82	M106	X	3.501	1
83	M106	Z	6.064	1
84	M106	Mx	0	1
85	M108	X	3.501	1
86	M108	Z	6.064	1
87	M108	Mx	0	1
88	MP1A	X	.631	1.5
89	MP1A	Z	1.092	1.5
90	MP1A	Mx	.000316	1.5
91	MP1B	X	.631	1.5
92	MP1B	Z	1.092	1.5
93	MP1B	Mx	.000315	1.5
94	MP1C	X	.343	1.5
95	MP1C	Z	.594	1.5
96	MP1C	Mx	-.000343	1.5
97	MP4A	X	1.435	1.5
98	MP4A	Z	2.486	1.5
99	MP4A	Mx	.000717	1.5
100	MP4B	X	1.435	1.5
101	MP4B	Z	2.486	1.5
102	MP4B	Mx	.000718	1.5
103	MP4C	X	1.049	1.5
104	MP4C	Z	1.818	1.5
105	MP4C	Mx	-.001	1.5
106	MP2A	X	1.41	1.5
107	MP2A	Z	2.442	1.5
108	MP2A	Mx	.000705	1.5
109	MP2B	X	1.41	1.5
110	MP2B	Z	2.442	1.5
111	MP2B	Mx	.000705	1.5
112	MP2C	X	.949	1.5
113	MP2C	Z	1.643	1.5
114	MP2C	Mx	-.000949	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	0	1.5
2	MP3A	Z	1.937	1.5
3	MP3A	Mx	0	1.5
4	MP3B	X	0	1.5
5	MP3B	Z	.925	1.5
6	MP3B	Mx	.000401	1.5
7	MP3C	X	0	1.5
8	MP3C	Z	.925	1.5
9	MP3C	Mx	-.000401	1.5
10	MP1A	X	0	.25
11	MP1A	Z	9.314	.25
12	MP1A	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	0	3.75
14	MP1A	Z	9.314	3.75
15	MP1A	Mx	0	3.75
16	MP1B	X	0	.25
17	MP1B	Z	6.975	.25
18	MP1B	Mx	-.003	.25
19	MP1B	X	0	3.75
20	MP1B	Z	6.975	3.75
21	MP1B	Mx	-.003	3.75
22	MP1C	X	0	.25
23	MP1C	Z	6.975	.25
24	MP1C	Mx	.003	.25
25	MP1C	X	0	3.75
26	MP1C	Z	6.975	3.75
27	MP1C	Mx	.003	3.75
28	MP3A	X	0	.25
29	MP3A	Z	5.479	.25
30	MP3A	Mx	-.003	.25
31	MP3A	X	0	3.75
32	MP3A	Z	5.479	3.75
33	MP3A	Mx	-.003	3.75
34	MP3B	X	0	.25
35	MP3B	Z	3.133	.25
36	MP3B	Mx	-.000443	.25
37	MP3B	X	0	3.75
38	MP3B	Z	3.133	3.75
39	MP3B	Mx	-.000443	3.75
40	MP3C	X	0	.25
41	MP3C	Z	3.133	.25
42	MP3C	Mx	.002	.25
43	MP3C	X	0	3.75
44	MP3C	Z	3.133	3.75
45	MP3C	Mx	.002	3.75
46	MP3A	X	0	.25
47	MP3A	Z	8.123	.25
48	MP3A	Mx	.005	.25
49	MP3A	X	0	3.75
50	MP3A	Z	8.123	3.75
51	MP3A	Mx	.005	3.75
52	MP3B	X	0	.25
53	MP3B	Z	6.073	.25
54	MP3B	Mx	-.004	.25
55	MP3B	X	0	3.75
56	MP3B	Z	6.073	3.75
57	MP3B	Mx	-.004	3.75
58	MP3C	X	0	.25
59	MP3C	Z	6.073	.25
60	MP3C	Mx	.000858	.25
61	MP3C	X	0	3.75
62	MP3C	Z	6.073	3.75
63	MP3C	Mx	.000858	3.75
64	MP5A	X	0	1
65	MP5A	Z	3.955	1
66	MP5A	Mx	0	1
67	MP5A	X	0	3
68	MP5A	Z	3.955	3
69	MP5A	Mx	0	3
70	MP5B	X	0	1
71	MP5B	Z	2.011	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.000871	1
73	MP5B	X	0	3
74	MP5B	Z	2.011	3
75	MP5B	Mx	-.000871	3
76	MP5C	X	0	1
77	MP5C	Z	2.011	1
78	MP5C	Mx	.000871	1
79	MP5C	X	0	3
80	MP5C	Z	2.011	3
81	MP5C	Mx	.000871	3
82	M106	X	0	1
83	M106	Z	7.649	1
84	M106	Mx	0	1
85	M108	X	0	1
86	M108	Z	7.649	1
87	M108	Mx	0	1
88	MP1A	X	0	1.5
89	MP1A	Z	1.453	1.5
90	MP1A	Mx	0	1.5
91	MP1B	X	0	1.5
92	MP1B	Z	.878	1.5
93	MP1B	Mx	.00038	1.5
94	MP1C	X	0	1.5
95	MP1C	Z	.878	1.5
96	MP1C	Mx	-.00038	1.5
97	MP4A	X	0	1.5
98	MP4A	Z	3.128	1.5
99	MP4A	Mx	0	1.5
100	MP4B	X	0	1.5
101	MP4B	Z	2.356	1.5
102	MP4B	Mx	.001	1.5
103	MP4C	X	0	1.5
104	MP4C	Z	2.356	1.5
105	MP4C	Mx	-.001	1.5
106	MP2A	X	0	1.5
107	MP2A	Z	3.128	1.5
108	MP2A	Mx	0	1.5
109	MP2B	X	0	1.5
110	MP2B	Z	2.205	1.5
111	MP2B	Mx	.000955	1.5
112	MP2C	X	0	1.5
113	MP2C	Z	2.205	1.5
114	MP2C	Mx	-.000955	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-.8	1.5
2	MP3A	Z	1.386	1.5
3	MP3A	Mx	-.0004	1.5
4	MP3B	X	-.294	1.5
5	MP3B	Z	.509	1.5
6	MP3B	Mx	.000294	1.5
7	MP3C	X	-.8	1.5
8	MP3C	Z	1.386	1.5
9	MP3C	Mx	-.0004	1.5
10	MP1A	X	-4.267	.25
11	MP1A	Z	7.391	.25
12	MP1A	Mx	.002	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-4.267	3.75
14	MP1A	Z	7.391	3.75
15	MP1A	Mx	.002	3.75
16	MP1B	X	-3.098	.25
17	MP1B	Z	5.366	.25
18	MP1B	Mx	-.003	.25
19	MP1B	X	-3.098	3.75
20	MP1B	Z	5.366	3.75
21	MP1B	Mx	-.003	3.75
22	MP1C	X	-4.267	.25
23	MP1C	Z	7.391	.25
24	MP1C	Mx	.002	.25
25	MP1C	X	-4.267	3.75
26	MP1C	Z	7.391	3.75
27	MP1C	Mx	.002	3.75
28	MP3A	X	-2.349	.25
29	MP3A	Z	4.068	.25
30	MP3A	Mx	-.001	.25
31	MP3A	X	-2.349	3.75
32	MP3A	Z	4.068	3.75
33	MP3A	Mx	-.001	3.75
34	MP3B	X	-1.176	.25
35	MP3B	Z	2.036	.25
36	MP3B	Mx	-.001	.25
37	MP3B	X	-1.176	3.75
38	MP3B	Z	2.036	3.75
39	MP3B	Mx	-.001	3.75
40	MP3C	X	-2.349	.25
41	MP3C	Z	4.068	.25
42	MP3C	Mx	.004	.25
43	MP3C	X	-2.349	3.75
44	MP3C	Z	4.068	3.75
45	MP3C	Mx	.004	3.75
46	MP3A	X	-3.72	.25
47	MP3A	Z	6.443	.25
48	MP3A	Mx	.006	.25
49	MP3A	X	-3.72	3.75
50	MP3A	Z	6.443	3.75
51	MP3A	Mx	.006	3.75
52	MP3B	X	-2.695	.25
53	MP3B	Z	4.668	.25
54	MP3B	Mx	-.003	.25
55	MP3B	X	-2.695	3.75
56	MP3B	Z	4.668	3.75
57	MP3B	Mx	-.003	3.75
58	MP3C	X	-3.72	.25
59	MP3C	Z	6.443	.25
60	MP3C	Mx	-.002	.25
61	MP3C	X	-3.72	3.75
62	MP3C	Z	6.443	3.75
63	MP3C	Mx	-.002	3.75
64	MP5A	X	-1.654	1
65	MP5A	Z	2.864	1
66	MP5A	Mx	.000827	1
67	MP5A	X	-1.654	3
68	MP5A	Z	2.864	3
69	MP5A	Mx	.000827	3
70	MP5B	X	-.681	1
71	MP5B	Z	1.18	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.000681	1
73	MP5B	X	-.681	3
74	MP5B	Z	1.18	3
75	MP5B	Mx	-.000681	3
76	MP5C	X	-1.654	1
77	MP5C	Z	2.864	1
78	MP5C	Mx	.000827	1
79	MP5C	X	-1.654	3
80	MP5C	Z	2.864	3
81	MP5C	Mx	.000827	3
82	M106	X	-3.501	1
83	M106	Z	6.064	1
84	M106	Mx	0	1
85	M108	X	-3.501	1
86	M108	Z	6.064	1
87	M108	Mx	0	1
88	MP1A	X	-.631	1.5
89	MP1A	Z	1.092	1.5
90	MP1A	Mx	-.000316	1.5
91	MP1B	X	-.343	1.5
92	MP1B	Z	.594	1.5
93	MP1B	Mx	.000343	1.5
94	MP1C	X	-.631	1.5
95	MP1C	Z	1.092	1.5
96	MP1C	Mx	-.000315	1.5
97	MP4A	X	-1.435	1.5
98	MP4A	Z	2.486	1.5
99	MP4A	Mx	-.000717	1.5
100	MP4B	X	-1.049	1.5
101	MP4B	Z	1.818	1.5
102	MP4B	Mx	.001	1.5
103	MP4C	X	-1.435	1.5
104	MP4C	Z	2.486	1.5
105	MP4C	Mx	-.000718	1.5
106	MP2A	X	-1.41	1.5
107	MP2A	Z	2.442	1.5
108	MP2A	Mx	-.000705	1.5
109	MP2B	X	-.949	1.5
110	MP2B	Z	1.643	1.5
111	MP2B	Mx	.000949	1.5
112	MP2C	X	-1.41	1.5
113	MP2C	Z	2.442	1.5
114	MP2C	Mx	-.000705	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-.801	1.5
2	MP3A	Z	.463	1.5
3	MP3A	Mx	-.0004	1.5
4	MP3B	X	-.801	1.5
5	MP3B	Z	.463	1.5
6	MP3B	Mx	.000401	1.5
7	MP3C	X	-1.678	1.5
8	MP3C	Z	.969	1.5
9	MP3C	Mx	0	1.5
10	MP1A	X	-6.041	.25
11	MP1A	Z	3.488	.25
12	MP1A	Mx	.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-6.041	3.75
14	MP1A	Z	3.488	3.75
15	MP1A	Mx	.003	3.75
16	MP1B	X	-6.041	.25
17	MP1B	Z	3.488	.25
18	MP1B	Mx	-.003	.25
19	MP1B	X	-6.041	3.75
20	MP1B	Z	3.488	3.75
21	MP1B	Mx	-.003	3.75
22	MP1C	X	-8.066	.25
23	MP1C	Z	4.657	.25
24	MP1C	Mx	0	.25
25	MP1C	X	-8.066	3.75
26	MP1C	Z	4.657	3.75
27	MP1C	Mx	0	3.75
28	MP3A	X	-2.713	.25
29	MP3A	Z	1.567	.25
30	MP3A	Mx	.000442	.25
31	MP3A	X	-2.713	3.75
32	MP3A	Z	1.567	3.75
33	MP3A	Mx	.000442	3.75
34	MP3B	X	-2.713	.25
35	MP3B	Z	1.567	.25
36	MP3B	Mx	-.002	.25
37	MP3B	X	-2.713	3.75
38	MP3B	Z	1.567	3.75
39	MP3B	Mx	-.002	3.75
40	MP3C	X	-4.745	.25
41	MP3C	Z	2.74	.25
42	MP3C	Mx	.003	.25
43	MP3C	X	-4.745	3.75
44	MP3C	Z	2.74	3.75
45	MP3C	Mx	.003	3.75
46	MP3A	X	-5.26	.25
47	MP3A	Z	3.037	.25
48	MP3A	Mx	.004	.25
49	MP3A	X	-5.26	3.75
50	MP3A	Z	3.037	3.75
51	MP3A	Mx	.004	3.75
52	MP3B	X	-5.26	.25
53	MP3B	Z	3.037	.25
54	MP3B	Mx	-.000859	.25
55	MP3B	X	-5.26	3.75
56	MP3B	Z	3.037	3.75
57	MP3B	Mx	-.000859	3.75
58	MP3C	X	-7.035	.25
59	MP3C	Z	4.061	.25
60	MP3C	Mx	-.005	.25
61	MP3C	X	-7.035	3.75
62	MP3C	Z	4.061	3.75
63	MP3C	Mx	-.005	3.75
64	MP5A	X	-1.741	1
65	MP5A	Z	1.005	1
66	MP5A	Mx	.000871	1
67	MP5A	X	-1.741	3
68	MP5A	Z	1.005	3
69	MP5A	Mx	.000871	3
70	MP5B	X	-1.741	1
71	MP5B	Z	1.005	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.00087	1
73	MP5B	X	-1.741	3
74	MP5B	Z	1.005	3
75	MP5B	Mx	-.00087	3
76	MP5C	X	-3.426	1
77	MP5C	Z	1.978	1
78	MP5C	Mx	0	1
79	MP5C	X	-3.426	3
80	MP5C	Z	1.978	3
81	MP5C	Mx	0	3
82	M106	X	-4.944	1
83	M106	Z	2.855	1
84	M106	Mx	0	1
85	M108	X	-4.944	1
86	M108	Z	2.855	1
87	M108	Mx	0	1
88	MP1A	X	-.76	1.5
89	MP1A	Z	.439	1.5
90	MP1A	Mx	-.00038	1.5
91	MP1B	X	-.76	1.5
92	MP1B	Z	.439	1.5
93	MP1B	Mx	.00038	1.5
94	MP1C	X	-1.258	1.5
95	MP1C	Z	.727	1.5
96	MP1C	Mx	0	1.5
97	MP4A	X	-2.04	1.5
98	MP4A	Z	1.178	1.5
99	MP4A	Mx	-.001	1.5
100	MP4B	X	-2.04	1.5
101	MP4B	Z	1.178	1.5
102	MP4B	Mx	.001	1.5
103	MP4C	X	-2.709	1.5
104	MP4C	Z	1.564	1.5
105	MP4C	Mx	0	1.5
106	MP2A	X	-1.909	1.5
107	MP2A	Z	1.102	1.5
108	MP2A	Mx	-.000954	1.5
109	MP2B	X	-1.909	1.5
110	MP2B	Z	1.102	1.5
111	MP2B	Mx	.000954	1.5
112	MP2C	X	-2.709	1.5
113	MP2C	Z	1.564	1.5
114	MP2C	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-.588	1.5
2	MP3A	Z	0	1.5
3	MP3A	Mx	-.000294	1.5
4	MP3B	X	-1.6	1.5
5	MP3B	Z	0	1.5
6	MP3B	Mx	.0004	1.5
7	MP3C	X	-1.6	1.5
8	MP3C	Z	0	1.5
9	MP3C	Mx	.0004	1.5
10	MP1A	X	-6.196	.25
11	MP1A	Z	0	.25
12	MP1A	Mx	.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-6.196	3.75
14	MP1A	Z	0	3.75
15	MP1A	Mx	.003	3.75
16	MP1B	X	-8.534	.25
17	MP1B	Z	0	.25
18	MP1B	Mx	-.002	.25
19	MP1B	X	-8.534	3.75
20	MP1B	Z	0	3.75
21	MP1B	Mx	-.002	3.75
22	MP1C	X	-8.534	.25
23	MP1C	Z	0	.25
24	MP1C	Mx	-.002	.25
25	MP1C	X	-8.534	3.75
26	MP1C	Z	0	3.75
27	MP1C	Mx	-.002	3.75
28	MP3A	X	-2.351	.25
29	MP3A	Z	0	.25
30	MP3A	Mx	.001	.25
31	MP3A	X	-2.351	3.75
32	MP3A	Z	0	3.75
33	MP3A	Mx	.001	3.75
34	MP3B	X	-4.697	.25
35	MP3B	Z	0	.25
36	MP3B	Mx	-.004	.25
37	MP3B	X	-4.697	3.75
38	MP3B	Z	0	3.75
39	MP3B	Mx	-.004	3.75
40	MP3C	X	-4.697	.25
41	MP3C	Z	0	.25
42	MP3C	Mx	.001	.25
43	MP3C	X	-4.697	3.75
44	MP3C	Z	0	3.75
45	MP3C	Mx	.001	3.75
46	MP3A	X	-5.39	.25
47	MP3A	Z	0	.25
48	MP3A	Mx	.003	.25
49	MP3A	X	-5.39	3.75
50	MP3A	Z	0	3.75
51	MP3A	Mx	.003	3.75
52	MP3B	X	-7.44	.25
53	MP3B	Z	0	.25
54	MP3B	Mx	.002	.25
55	MP3B	X	-7.44	3.75
56	MP3B	Z	0	3.75
57	MP3B	Mx	.002	3.75
58	MP3C	X	-7.44	.25
59	MP3C	Z	0	.25
60	MP3C	Mx	-.006	.25
61	MP3C	X	-7.44	3.75
62	MP3C	Z	0	3.75
63	MP3C	Mx	-.006	3.75
64	MP5A	X	-1.362	1
65	MP5A	Z	0	1
66	MP5A	Mx	.000681	1
67	MP5A	X	-1.362	3
68	MP5A	Z	0	3
69	MP5A	Mx	.000681	3
70	MP5B	X	-3.307	1
71	MP5B	Z	0	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	-.000827	1
73	MP5B	X	-3.307	3
74	MP5B	Z	0	3
75	MP5B	Mx	-.000827	3
76	MP5C	X	-3.307	1
77	MP5C	Z	0	1
78	MP5C	Mx	-.000827	1
79	MP5C	X	-3.307	3
80	MP5C	Z	0	3
81	MP5C	Mx	-.000827	3
82	M106	X	-5.063	1
83	M106	Z	0	1
84	M106	Mx	0	1
85	M108	X	-5.063	1
86	M108	Z	0	1
87	M108	Mx	0	1
88	MP1A	X	-.686	1.5
89	MP1A	Z	0	1.5
90	MP1A	Mx	-.000343	1.5
91	MP1B	X	-1.261	1.5
92	MP1B	Z	0	1.5
93	MP1B	Mx	.000315	1.5
94	MP1C	X	-1.261	1.5
95	MP1C	Z	0	1.5
96	MP1C	Mx	.000315	1.5
97	MP4A	X	-2.099	1.5
98	MP4A	Z	0	1.5
99	MP4A	Mx	-.001	1.5
100	MP4B	X	-2.871	1.5
101	MP4B	Z	0	1.5
102	MP4B	Mx	.000718	1.5
103	MP4C	X	-2.871	1.5
104	MP4C	Z	0	1.5
105	MP4C	Mx	.000718	1.5
106	MP2A	X	-1.897	1.5
107	MP2A	Z	0	1.5
108	MP2A	Mx	-.000948	1.5
109	MP2B	X	-2.82	1.5
110	MP2B	Z	0	1.5
111	MP2B	Mx	.000705	1.5
112	MP2C	X	-2.82	1.5
113	MP2C	Z	0	1.5
114	MP2C	Mx	.000705	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-.801	1.5
2	MP3A	Z	-.463	1.5
3	MP3A	Mx	-.0004	1.5
4	MP3B	X	-1.678	1.5
5	MP3B	Z	-.969	1.5
6	MP3B	Mx	0	1.5
7	MP3C	X	-.801	1.5
8	MP3C	Z	-.463	1.5
9	MP3C	Mx	.000401	1.5
10	MP1A	X	-6.041	.25
11	MP1A	Z	-3.488	.25
12	MP1A	Mx	.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-6.041	3.75
14	MP1A	Z	-3.488	3.75
15	MP1A	Mx	.003	3.75
16	MP1B	X	-8.066	.25
17	MP1B	Z	-4.657	.25
18	MP1B	Mx	0	.25
19	MP1B	X	-8.066	3.75
20	MP1B	Z	-4.657	3.75
21	MP1B	Mx	0	3.75
22	MP1C	X	-6.041	.25
23	MP1C	Z	-3.488	.25
24	MP1C	Mx	-.003	.25
25	MP1C	X	-6.041	3.75
26	MP1C	Z	-3.488	3.75
27	MP1C	Mx	-.003	3.75
28	MP3A	X	-2.713	.25
29	MP3A	Z	-1.567	.25
30	MP3A	Mx	.002	.25
31	MP3A	X	-2.713	3.75
32	MP3A	Z	-1.567	3.75
33	MP3A	Mx	.002	3.75
34	MP3B	X	-4.745	.25
35	MP3B	Z	-2.74	.25
36	MP3B	Mx	-.003	.25
37	MP3B	X	-4.745	3.75
38	MP3B	Z	-2.74	3.75
39	MP3B	Mx	-.003	3.75
40	MP3C	X	-2.713	.25
41	MP3C	Z	-1.567	.25
42	MP3C	Mx	-.000443	.25
43	MP3C	X	-2.713	3.75
44	MP3C	Z	-1.567	3.75
45	MP3C	Mx	-.000443	3.75
46	MP3A	X	-5.26	.25
47	MP3A	Z	-3.037	.25
48	MP3A	Mx	.000858	.25
49	MP3A	X	-5.26	3.75
50	MP3A	Z	-3.037	3.75
51	MP3A	Mx	.000858	3.75
52	MP3B	X	-7.035	.25
53	MP3B	Z	-4.061	.25
54	MP3B	Mx	.005	.25
55	MP3B	X	-7.035	3.75
56	MP3B	Z	-4.061	3.75
57	MP3B	Mx	.005	3.75
58	MP3C	X	-5.26	.25
59	MP3C	Z	-3.037	.25
60	MP3C	Mx	-.004	.25
61	MP3C	X	-5.26	3.75
62	MP3C	Z	-3.037	3.75
63	MP3C	Mx	-.004	3.75
64	MP5A	X	-1.741	1
65	MP5A	Z	-1.005	1
66	MP5A	Mx	.000871	1
67	MP5A	X	-1.741	3
68	MP5A	Z	-1.005	3
69	MP5A	Mx	.000871	3
70	MP5B	X	-3.426	1
71	MP5B	Z	-1.978	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
72	MP5B	Mx	0	1
73	MP5B	X	-3.426	3
74	MP5B	Z	-1.978	3
75	MP5B	Mx	0	3
76	MP5C	X	-1.741	1
77	MP5C	Z	-1.005	1
78	MP5C	Mx	-.00087	1
79	MP5C	X	-1.741	3
80	MP5C	Z	-1.005	3
81	MP5C	Mx	-.00087	3
82	M106	X	-4.944	1
83	M106	Z	-2.855	1
84	M106	Mx	0	1
85	M108	X	-4.944	1
86	M108	Z	-2.855	1
87	M108	Mx	0	1
88	MP1A	X	-.76	1.5
89	MP1A	Z	-.439	1.5
90	MP1A	Mx	-.00038	1.5
91	MP1B	X	-1.258	1.5
92	MP1B	Z	-.727	1.5
93	MP1B	Mx	0	1.5
94	MP1C	X	-.76	1.5
95	MP1C	Z	-.439	1.5
96	MP1C	Mx	.00038	1.5
97	MP4A	X	-2.04	1.5
98	MP4A	Z	-1.178	1.5
99	MP4A	Mx	-.001	1.5
100	MP4B	X	-2.709	1.5
101	MP4B	Z	-1.564	1.5
102	MP4B	Mx	0	1.5
103	MP4C	X	-2.04	1.5
104	MP4C	Z	-1.178	1.5
105	MP4C	Mx	.001	1.5
106	MP2A	X	-1.909	1.5
107	MP2A	Z	-1.102	1.5
108	MP2A	Mx	-.000954	1.5
109	MP2B	X	-2.709	1.5
110	MP2B	Z	-1.564	1.5
111	MP2B	Mx	0	1.5
112	MP2C	X	-1.909	1.5
113	MP2C	Z	-1.102	1.5
114	MP2C	Mx	.000954	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-.8	1.5
2	MP3A	Z	-1.386	1.5
3	MP3A	Mx	-.0004	1.5
4	MP3B	X	-.8	1.5
5	MP3B	Z	-1.386	1.5
6	MP3B	Mx	-.0004	1.5
7	MP3C	X	-.294	1.5
8	MP3C	Z	-.509	1.5
9	MP3C	Mx	.000294	1.5
10	MP1A	X	-4.267	.25
11	MP1A	Z	-7.391	.25
12	MP1A	Mx	.002	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
13	MP1A	X	-4.267	3.75
14	MP1A	Z	-7.391	3.75
15	MP1A	Mx	.002	3.75
16	MP1B	X	-4.267	.25
17	MP1B	Z	-7.391	.25
18	MP1B	Mx	.002	.25
19	MP1B	X	-4.267	3.75
20	MP1B	Z	-7.391	3.75
21	MP1B	Mx	.002	3.75
22	MP1C	X	-3.098	.25
23	MP1C	Z	-5.366	.25
24	MP1C	Mx	-.003	.25
25	MP1C	X	-3.098	3.75
26	MP1C	Z	-5.366	3.75
27	MP1C	Mx	-.003	3.75
28	MP3A	X	-2.349	.25
29	MP3A	Z	-4.068	.25
30	MP3A	Mx	.004	.25
31	MP3A	X	-2.349	3.75
32	MP3A	Z	-4.068	3.75
33	MP3A	Mx	.004	3.75
34	MP3B	X	-2.349	.25
35	MP3B	Z	-4.068	.25
36	MP3B	Mx	-.001	.25
37	MP3B	X	-2.349	3.75
38	MP3B	Z	-4.068	3.75
39	MP3B	Mx	-.001	3.75
40	MP3C	X	-1.176	.25
41	MP3C	Z	-2.036	.25
42	MP3C	Mx	-.001	.25
43	MP3C	X	-1.176	3.75
44	MP3C	Z	-2.036	3.75
45	MP3C	Mx	-.001	3.75
46	MP3A	X	-3.72	.25
47	MP3A	Z	-6.443	.25
48	MP3A	Mx	-.002	.25
49	MP3A	X	-3.72	3.75
50	MP3A	Z	-6.443	3.75
51	MP3A	Mx	-.002	3.75
52	MP3B	X	-3.72	.25
53	MP3B	Z	-6.443	.25
54	MP3B	Mx	.006	.25
55	MP3B	X	-3.72	3.75
56	MP3B	Z	-6.443	3.75
57	MP3B	Mx	.006	3.75
58	MP3C	X	-2.695	.25
59	MP3C	Z	-4.668	.25
60	MP3C	Mx	-.003	.25
61	MP3C	X	-2.695	3.75
62	MP3C	Z	-4.668	3.75
63	MP3C	Mx	-.003	3.75
64	MP5A	X	-1.654	1
65	MP5A	Z	-2.864	1
66	MP5A	Mx	.000827	1
67	MP5A	X	-1.654	3
68	MP5A	Z	-2.864	3
69	MP5A	Mx	.000827	3
70	MP5B	X	-1.654	1
71	MP5B	Z	-2.864	1

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
72	MP5B	Mx	.000827	1
73	MP5B	X	-1.654	3
74	MP5B	Z	-2.864	3
75	MP5B	Mx	.000827	3
76	MP5C	X	-.681	1
77	MP5C	Z	-1.18	1
78	MP5C	Mx	-.000681	1
79	MP5C	X	-.681	3
80	MP5C	Z	-1.18	3
81	MP5C	Mx	-.000681	3
82	M106	X	-3.501	1
83	M106	Z	-6.064	1
84	M106	Mx	0	1
85	M108	X	-3.501	1
86	M108	Z	-6.064	1
87	M108	Mx	0	1
88	MP1A	X	-.631	1.5
89	MP1A	Z	-1.092	1.5
90	MP1A	Mx	-.000316	1.5
91	MP1B	X	-.631	1.5
92	MP1B	Z	-1.092	1.5
93	MP1B	Mx	-.000315	1.5
94	MP1C	X	-.343	1.5
95	MP1C	Z	-.594	1.5
96	MP1C	Mx	.000343	1.5
97	MP4A	X	-1.435	1.5
98	MP4A	Z	-2.486	1.5
99	MP4A	Mx	-.000717	1.5
100	MP4B	X	-1.435	1.5
101	MP4B	Z	-2.486	1.5
102	MP4B	Mx	-.000718	1.5
103	MP4C	X	-1.049	1.5
104	MP4C	Z	-1.818	1.5
105	MP4C	Mx	.001	1.5
106	MP2A	X	-1.41	1.5
107	MP2A	Z	-2.442	1.5
108	MP2A	Mx	-.000705	1.5
109	MP2B	X	-1.41	1.5
110	MP2B	Z	-2.442	1.5
111	MP2B	Mx	-.000705	1.5
112	MP2C	X	-.949	1.5
113	MP2C	Z	-1.643	1.5
114	MP2C	Mx	.000949	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M80A	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M84A	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	Y	0	1.5
2	MP3A	My	0	1.5
3	MP3A	Mz	0	1.5
4	MP3B	Y	0	1.5
5	MP3B	My	0	1.5
6	MP3B	Mz	0	1.5
7	MP3C	Y	0	1.5
8	MP3C	My	0	1.5
9	MP3C	Mz	0	1.5
10	MP1A	Y	0	.25
11	MP1A	My	0	.25
12	MP1A	Mz	0	.25
13	MP1A	Y	0	3.75
14	MP1A	My	0	3.75
15	MP1A	Mz	0	3.75
16	MP1B	Y	0	.25
17	MP1B	My	0	.25
18	MP1B	Mz	0	.25
19	MP1B	Y	0	3.75
20	MP1B	My	0	3.75
21	MP1B	Mz	0	3.75
22	MP1C	Y	0	.25
23	MP1C	My	0	.25
24	MP1C	Mz	0	.25
25	MP1C	Y	0	3.75
26	MP1C	My	0	3.75
27	MP1C	Mz	0	3.75
28	MP3A	Y	0	.25
29	MP3A	My	0	.25
30	MP3A	Mz	0	.25
31	MP3A	Y	0	3.75
32	MP3A	My	0	3.75
33	MP3A	Mz	0	3.75
34	MP3B	Y	0	.25
35	MP3B	My	0	.25
36	MP3B	Mz	0	.25
37	MP3B	Y	0	3.75
38	MP3B	My	0	3.75
39	MP3B	Mz	0	3.75
40	MP3C	Y	0	.25
41	MP3C	My	0	.25
42	MP3C	Mz	0	.25
43	MP3C	Y	0	3.75
44	MP3C	My	0	3.75
45	MP3C	Mz	0	3.75
46	MP3A	Y	0	.25
47	MP3A	My	0	.25
48	MP3A	Mz	0	.25
49	MP3A	Y	0	3.75
50	MP3A	My	0	3.75
51	MP3A	Mz	0	3.75
52	MP3B	Y	0	.25
53	MP3B	My	0	.25
54	MP3B	Mz	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
55	MP3B	Y	0	3.75
56	MP3B	My	0	3.75
57	MP3B	Mz	0	3.75
58	MP3C	Y	0	.25
59	MP3C	My	0	.25
60	MP3C	Mz	0	.25
61	MP3C	Y	0	3.75
62	MP3C	My	0	3.75
63	MP3C	Mz	0	3.75
64	MP5A	Y	0	1
65	MP5A	My	0	1
66	MP5A	Mz	0	1
67	MP5A	Y	0	3
68	MP5A	My	0	3
69	MP5A	Mz	0	3
70	MP5B	Y	0	1
71	MP5B	My	0	1
72	MP5B	Mz	0	1
73	MP5B	Y	0	3
74	MP5B	My	0	3
75	MP5B	Mz	0	3
76	MP5C	Y	0	1
77	MP5C	My	0	1
78	MP5C	Mz	0	1
79	MP5C	Y	0	3
80	MP5C	My	0	3
81	MP5C	Mz	0	3
82	M106	Y	0	1
83	M106	My	0	1
84	M106	Mz	0	1
85	M108	Y	0	1
86	M108	My	0	1
87	M108	Mz	0	1
88	MP1A	Y	0	1.5
89	MP1A	My	0	1.5
90	MP1A	Mz	0	1.5
91	MP1B	Y	0	1.5
92	MP1B	My	0	1.5
93	MP1B	Mz	0	1.5
94	MP1C	Y	0	1.5
95	MP1C	My	0	1.5
96	MP1C	Mz	0	1.5
97	MP4A	Y	0	1.5
98	MP4A	My	0	1.5
99	MP4A	Mz	0	1.5
100	MP4B	Y	0	1.5
101	MP4B	My	0	1.5
102	MP4B	Mz	0	1.5
103	MP4C	Y	0	1.5
104	MP4C	My	0	1.5
105	MP4C	Mz	0	1.5
106	MP2A	Y	0	1.5
107	MP2A	My	0	1.5
108	MP2A	Mz	0	1.5
109	MP2B	Y	0	1.5
110	MP2B	My	0	1.5
111	MP2B	Mz	0	1.5
112	MP2C	Y	0	1.5
113	MP2C	My	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
114	MP2C	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	Z	-.528	1.5
2	MP3A	Mx	0	1.5
3	MP3B	Z	-.528	1.5
4	MP3B	Mx	-.000229	1.5
5	MP3C	Z	-.528	1.5
6	MP3C	Mx	.000229	1.5
7	MP1A	Z	-.689	.25
8	MP1A	Mx	0	.25
9	MP1A	Z	-.689	3.75
10	MP1A	Mx	0	3.75
11	MP1B	Z	-.689	.25
12	MP1B	Mx	.000298	.25
13	MP1B	Z	-.689	3.75
14	MP1B	Mx	.000298	3.75
15	MP1C	Z	-.689	.25
16	MP1C	Mx	-.000298	.25
17	MP1C	Z	-.689	3.75
18	MP1C	Mx	-.000298	3.75
19	MP3A	Z	-.655	.25
20	MP3A	Mx	.000382	.25
21	MP3A	Z	-.655	3.75
22	MP3A	Mx	.000382	3.75
23	MP3B	Z	-.655	.25
24	MP3B	Mx	9.3e-5	.25
25	MP3B	Z	-.655	3.75
26	MP3B	Mx	9.3e-5	3.75
27	MP3C	Z	-.655	.25
28	MP3C	Mx	-.000475	.25
29	MP3C	Z	-.655	3.75
30	MP3C	Mx	-.000475	3.75
31	MP3A	Z	-.969	.25
32	MP3A	Mx	-.000565	.25
33	MP3A	Z	-.969	3.75
34	MP3A	Mx	-.000565	3.75
35	MP3B	Z	-.969	.25
36	MP3B	Mx	.000702	.25
37	MP3B	Z	-.969	3.75
38	MP3B	Mx	.000702	3.75
39	MP3C	Z	-.969	.25
40	MP3C	Mx	-.000137	.25
41	MP3C	Z	-.969	3.75
42	MP3C	Mx	-.000137	3.75
43	MP5A	Z	-1.306	1
44	MP5A	Mx	0	1
45	MP5A	Z	-1.306	3
46	MP5A	Mx	0	3
47	MP5B	Z	-1.306	1
48	MP5B	Mx	.000566	1
49	MP5B	Z	-1.306	3
50	MP5B	Mx	.000566	3
51	MP5C	Z	-1.306	1
52	MP5C	Mx	-.000566	1
53	MP5C	Z	-1.306	3
54	MP5C	Mx	-.000566	3

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
55	M106	Z	-.96	1
56	M106	Mx	0	1
57	M108	Z	-.96	1
58	M108	Mx	0	1
59	MP1A	Z	-.561	1.5
60	MP1A	Mx	0	1.5
61	MP1B	Z	-.561	1.5
62	MP1B	Mx	-.000243	1.5
63	MP1C	Z	-.561	1.5
64	MP1C	Mx	.000243	1.5
65	MP4A	Z	-2.241	1.5
66	MP4A	Mx	0	1.5
67	MP4B	Z	-2.241	1.5
68	MP4B	Mx	-.00097	1.5
69	MP4C	Z	-2.241	1.5
70	MP4C	Mx	.00097	1.5
71	MP2A	Z	-2.109	1.5
72	MP2A	Mx	0	1.5
73	MP2B	Z	-2.109	1.5
74	MP2B	Mx	-.000913	1.5
75	MP2C	Z	-2.109	1.5
76	MP2C	Mx	.000913	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	.528	1.5
2	MP3A	Mx	.000264	1.5
3	MP3B	X	.528	1.5
4	MP3B	Mx	-.000132	1.5
5	MP3C	X	.528	1.5
6	MP3C	Mx	-.000132	1.5
7	MP1A	X	.689	.25
8	MP1A	Mx	-.000344	.25
9	MP1A	X	.689	3.75
10	MP1A	Mx	-.000344	3.75
11	MP1B	X	.689	.25
12	MP1B	Mx	.000172	.25
13	MP1B	X	.689	3.75
14	MP1B	Mx	.000172	3.75
15	MP1C	X	.689	.25
16	MP1C	Mx	.000172	.25
17	MP1C	X	.689	3.75
18	MP1C	Mx	.000172	3.75
19	MP3A	X	.655	.25
20	MP3A	Mx	-.000328	.25
21	MP3A	X	.655	3.75
22	MP3A	Mx	-.000328	3.75
23	MP3B	X	.655	.25
24	MP3B	Mx	.000495	.25
25	MP3B	X	.655	3.75
26	MP3B	Mx	.000495	3.75
27	MP3C	X	.655	.25
28	MP3C	Mx	-.000167	.25
29	MP3C	X	.655	3.75
30	MP3C	Mx	-.000167	3.75
31	MP3A	X	.969	.25
32	MP3A	Mx	-.000485	.25
33	MP3A	X	.969	3.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
34	MP3A	Mx	-.000485	3.75
35	MP3B	X	.969	.25
36	MP3B	Mx	-.000247	.25
37	MP3B	X	.969	3.75
38	MP3B	Mx	-.000247	3.75
39	MP3C	X	.969	.25
40	MP3C	Mx	.000732	.25
41	MP3C	X	.969	3.75
42	MP3C	Mx	.000732	3.75
43	MP5A	X	1.306	1
44	MP5A	Mx	-.000653	1
45	MP5A	X	1.306	3
46	MP5A	Mx	-.000653	3
47	MP5B	X	1.306	1
48	MP5B	Mx	.000327	1
49	MP5B	X	1.306	3
50	MP5B	Mx	.000327	3
51	MP5C	X	1.306	1
52	MP5C	Mx	.000327	1
53	MP5C	X	1.306	3
54	MP5C	Mx	.000327	3
55	M106	X	.96	1
56	M106	Mx	0	1
57	M108	X	.96	1
58	M108	Mx	0	1
59	MP1A	X	.561	1.5
60	MP1A	Mx	.000281	1.5
61	MP1B	X	.561	1.5
62	MP1B	Mx	-.00014	1.5
63	MP1C	X	.561	1.5
64	MP1C	Mx	-.00014	1.5
65	MP4A	X	2.241	1.5
66	MP4A	Mx	.001	1.5
67	MP4B	X	2.241	1.5
68	MP4B	Mx	-.00056	1.5
69	MP4C	X	2.241	1.5
70	MP4C	Mx	-.00056	1.5
71	MP2A	X	2.109	1.5
72	MP2A	Mx	.001	1.5
73	MP2B	X	2.109	1.5
74	MP2B	Mx	-.000527	1.5
75	MP2C	X	2.109	1.5
76	MP2C	Mx	-.000527	1.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	Y	-10.91	-10.91	0	%100
2	M4	Y	-15.424	-15.424	0	%100
3	M10	Y	-15.424	-15.424	0	%100
4	MP1A	Y	-8.555	-8.555	0	%100
5	M43	Y	-15.424	-15.424	0	%100
6	M46	Y	-16.185	-16.185	0	%100
7	M51B	Y	-10.984	-10.984	0	%100
8	M52B	Y	-10.984	-10.984	0	%100
9	M76	Y	-16.166	-16.166	0	%100
10	M77	Y	-16.166	-16.166	0	%100
11	M80	Y	-16.185	-16.185	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
12	M84	Y	-16.166	-16.166	0	%100
13	M85	Y	-16.166	-16.166	0	%100
14	M91	Y	-16.185	-16.185	0	%100
15	M28B	Y	-10.91	-10.91	0	%100
16	M29	Y	-10.91	-10.91	0	%100
17	M30	Y	-15.424	-15.424	0	%100
18	M31	Y	-15.424	-15.424	0	%100
19	M32	Y	-15.424	-15.424	0	%100
20	M33	Y	-16.185	-16.185	0	%100
21	M34	Y	-10.984	-10.984	0	%100
22	M35	Y	-10.984	-10.984	0	%100
23	M38	Y	-16.166	-16.166	0	%100
24	M39	Y	-16.166	-16.166	0	%100
25	M41	Y	-16.185	-16.185	0	%100
26	M43A	Y	-16.166	-16.166	0	%100
27	M44	Y	-16.166	-16.166	0	%100
28	M46A	Y	-16.185	-16.185	0	%100
29	M54	Y	-15.424	-15.424	0	%100
30	M55	Y	-15.424	-15.424	0	%100
31	M56	Y	-15.424	-15.424	0	%100
32	M57	Y	-16.185	-16.185	0	%100
33	M58A	Y	-10.984	-10.984	0	%100
34	M59A	Y	-10.984	-10.984	0	%100
35	M62	Y	-16.166	-16.166	0	%100
36	M63	Y	-16.166	-16.166	0	%100
37	M65	Y	-16.185	-16.185	0	%100
38	M67	Y	-16.166	-16.166	0	%100
39	M68	Y	-16.166	-16.166	0	%100
40	M70	Y	-16.185	-16.185	0	%100
41	MP2A	Y	-8.555	-8.555	0	%100
42	MP3A	Y	-9.602	-9.602	0	%100
43	MP4A	Y	-8.555	-8.555	0	%100
44	MP5A	Y	-8.555	-8.555	0	%100
45	MP1C	Y	-8.555	-8.555	0	%100
46	MP2C	Y	-8.555	-8.555	0	%100
47	MP3C	Y	-9.602	-9.602	0	%100
48	MP4C	Y	-8.555	-8.555	0	%100
49	MP5C	Y	-8.555	-8.555	0	%100
50	MP1B	Y	-8.555	-8.555	0	%100
51	MP2B	Y	-8.555	-8.555	0	%100
52	MP3B	Y	-9.602	-9.602	0	%100
53	MP4B	Y	-8.555	-8.555	0	%100
54	MP5B	Y	-8.555	-8.555	0	%100
55	M106	Y	-8.555	-8.555	0	%100
56	M108	Y	-8.555	-8.555	0	%100
57	M110	Y	-9.602	-9.602	0	%100
58	M116	Y	-9.602	-9.602	0	%100
59	M122	Y	-9.602	-9.602	0	%100
60	M134	Y	-12.464	-12.464	0	%100
61	M135	Y	-12.464	-12.464	0	%100
62	M136	Y	-12.464	-12.464	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	-11.114	-11.114	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
5	M10	X	0	0	0	%100
6	M10	Z	-9.552	-9.552	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-7.541	-7.541	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-9.552	-9.552	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-19.052	-19.052	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-3.037	-3.037	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-3.037	-3.037	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-4.851	-4.851	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-5.11	-5.11	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-4.851	-4.851	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-5.11	-5.11	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	-2.778	-2.778	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-2.778	-2.778	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-8.457	-8.457	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	-2.388	-2.388	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	-2.388	-2.388	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-4.763	-4.763	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	-3.037	-3.037	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	-12.148	-12.148	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	-14.289	-14.289	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	-4.851	-4.851	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	-5.11	-5.11	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	-14.289	-14.289	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	-19.405	-19.405	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	-20.439	-20.439	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-8.457	-8.457	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-2.388	-2.388	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	-2.388	-2.388	0	%100
63	M57	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
64	M57	Z	-4.763	-4.763	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	-12.148	-12.148	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	-3.037	-3.037	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-14.289	-14.289	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-19.405	-19.405	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	-20.439	-20.439	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	-14.289	-14.289	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	-4.851	-4.851	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	-5.11	-5.11	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-7.541	-7.541	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-9.129	-9.129	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-7.541	-7.541	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-7.541	-7.541	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-7.541	-7.541	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-7.541	-7.541	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-9.129	-9.129	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-7.541	-7.541	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-7.541	-7.541	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-7.541	-7.541	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-7.541	-7.541	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-9.129	-9.129	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	-7.541	-7.541	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-7.541	-7.541	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-6.167	-6.167	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-6.167	-6.167	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	-9.129	-9.129	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-2.282	-2.282	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-2.282	-2.282	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-11.976	-11.976	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	-2.994	-2.994	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
123	M136	X	0	0	0	%100
124	M136	Z	-2.994	-2.994	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.168	4.168	0	%100
2	M1	Z	-7.219	-7.219	0	%100
3	M4	X	1.409	1.409	0	%100
4	M4	Z	-2.441	-2.441	0	%100
5	M10	X	3.582	3.582	0	%100
6	M10	Z	-6.204	-6.204	0	%100
7	MP1A	X	3.771	3.771	0	%100
8	MP1A	Z	-6.531	-6.531	0	%100
9	M43	X	3.582	3.582	0	%100
10	M43	Z	-6.204	-6.204	0	%100
11	M46	X	7.145	7.145	0	%100
12	M46	Z	-12.375	-12.375	0	%100
13	M51B	X	4.556	4.556	0	%100
14	M51B	Z	-7.891	-7.891	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	2.382	2.382	0	%100
18	M76	Z	-4.125	-4.125	0	%100
19	M77	X	7.277	7.277	0	%100
20	M77	Z	-12.604	-12.604	0	%100
21	M80	X	7.665	7.665	0	%100
22	M80	Z	-13.275	-13.275	0	%100
23	M84	X	2.382	2.382	0	%100
24	M84	Z	-4.125	-4.125	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	4.168	4.168	0	%100
30	M28B	Z	-7.219	-7.219	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	1.409	1.409	0	%100
34	M30	Z	-2.441	-2.441	0	%100
35	M31	X	3.582	3.582	0	%100
36	M31	Z	-6.204	-6.204	0	%100
37	M32	X	3.582	3.582	0	%100
38	M32	Z	-6.204	-6.204	0	%100
39	M33	X	7.145	7.145	0	%100
40	M33	Z	-12.375	-12.375	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	4.556	4.556	0	%100
44	M35	Z	-7.891	-7.891	0	%100
45	M38	X	2.382	2.382	0	%100
46	M38	Z	-4.125	-4.125	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	2.382	2.382	0	%100
52	M43A	Z	-4.125	-4.125	0	%100
53	M44	X	7.277	7.277	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
54	M44	Z	-12.604	-12.604	0	%100
55	M46A	X	7.665	7.665	0	%100
56	M46A	Z	-13.275	-13.275	0	%100
57	M54	X	5.638	5.638	0	%100
58	M54	Z	-9.765	-9.765	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	4.556	4.556	0	%100
66	M58A	Z	-7.891	-7.891	0	%100
67	M59A	X	4.556	4.556	0	%100
68	M59A	Z	-7.891	-7.891	0	%100
69	M62	X	9.526	9.526	0	%100
70	M62	Z	-16.5	-16.5	0	%100
71	M63	X	7.277	7.277	0	%100
72	M63	Z	-12.604	-12.604	0	%100
73	M65	X	7.665	7.665	0	%100
74	M65	Z	-13.275	-13.275	0	%100
75	M67	X	9.526	9.526	0	%100
76	M67	Z	-16.5	-16.5	0	%100
77	M68	X	7.277	7.277	0	%100
78	M68	Z	-12.604	-12.604	0	%100
79	M70	X	7.665	7.665	0	%100
80	M70	Z	-13.275	-13.275	0	%100
81	MP2A	X	3.771	3.771	0	%100
82	MP2A	Z	-6.531	-6.531	0	%100
83	MP3A	X	4.565	4.565	0	%100
84	MP3A	Z	-7.906	-7.906	0	%100
85	MP4A	X	3.771	3.771	0	%100
86	MP4A	Z	-6.531	-6.531	0	%100
87	MP5A	X	3.771	3.771	0	%100
88	MP5A	Z	-6.531	-6.531	0	%100
89	MP1C	X	3.771	3.771	0	%100
90	MP1C	Z	-6.531	-6.531	0	%100
91	MP2C	X	3.771	3.771	0	%100
92	MP2C	Z	-6.531	-6.531	0	%100
93	MP3C	X	4.565	4.565	0	%100
94	MP3C	Z	-7.906	-7.906	0	%100
95	MP4C	X	3.771	3.771	0	%100
96	MP4C	Z	-6.531	-6.531	0	%100
97	MP5C	X	3.771	3.771	0	%100
98	MP5C	Z	-6.531	-6.531	0	%100
99	MP1B	X	3.771	3.771	0	%100
100	MP1B	Z	-6.531	-6.531	0	%100
101	MP2B	X	3.771	3.771	0	%100
102	MP2B	Z	-6.531	-6.531	0	%100
103	MP3B	X	4.565	4.565	0	%100
104	MP3B	Z	-7.906	-7.906	0	%100
105	MP4B	X	3.771	3.771	0	%100
106	MP4B	Z	-6.531	-6.531	0	%100
107	MP5B	X	3.771	3.771	0	%100
108	MP5B	Z	-6.531	-6.531	0	%100
109	M106	X	3.083	3.083	0	%100
110	M106	Z	-5.341	-5.341	0	%100
111	M108	X	3.083	3.083	0	%100
112	M108	Z	-5.341	-5.341	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
113	M110	X	3.423	3.423	0	%100
114	M110	Z	-5.93	-5.93	0	%100
115	M116	X	3.423	3.423	0	%100
116	M116	Z	-5.93	-5.93	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	4.491	4.491	0	%100
120	M134	Z	-7.779	-7.779	0	%100
121	M135	X	4.491	4.491	0	%100
122	M135	Z	-7.779	-7.779	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	2.406	2.406	0	%100
2	M1	Z	-1.389	-1.389	0	%100
3	M4	X	7.324	7.324	0	%100
4	M4	Z	-4.228	-4.228	0	%100
5	M10	X	2.068	2.068	0	%100
6	M10	Z	-1.194	-1.194	0	%100
7	MP1A	X	6.531	6.531	0	%100
8	MP1A	Z	-3.771	-3.771	0	%100
9	M43	X	2.068	2.068	0	%100
10	M43	Z	-1.194	-1.194	0	%100
11	M46	X	4.125	4.125	0	%100
12	M46	Z	-2.382	-2.382	0	%100
13	M51B	X	10.521	10.521	0	%100
14	M51B	Z	-6.074	-6.074	0	%100
15	M52B	X	2.63	2.63	0	%100
16	M52B	Z	-1.519	-1.519	0	%100
17	M76	X	12.375	12.375	0	%100
18	M76	Z	-7.145	-7.145	0	%100
19	M77	X	16.805	16.805	0	%100
20	M77	Z	-9.702	-9.702	0	%100
21	M80	X	17.701	17.701	0	%100
22	M80	Z	-10.219	-10.219	0	%100
23	M84	X	12.375	12.375	0	%100
24	M84	Z	-7.145	-7.145	0	%100
25	M85	X	4.201	4.201	0	%100
26	M85	Z	-2.426	-2.426	0	%100
27	M91	X	4.425	4.425	0	%100
28	M91	Z	-2.555	-2.555	0	%100
29	M28B	X	9.625	9.625	0	%100
30	M28B	Z	-5.557	-5.557	0	%100
31	M29	X	2.406	2.406	0	%100
32	M29	Z	-1.389	-1.389	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	8.272	8.272	0	%100
36	M31	Z	-4.776	-4.776	0	%100
37	M32	X	8.272	8.272	0	%100
38	M32	Z	-4.776	-4.776	0	%100
39	M33	X	16.5	16.5	0	%100
40	M33	Z	-9.526	-9.526	0	%100
41	M34	X	2.63	2.63	0	%100
42	M34	Z	-1.519	-1.519	0	%100
43	M35	X	2.63	2.63	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
44	M35	Z	-1.519	-1.519	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	4.201	4.201	0	%100
48	M39	Z	-2.426	-2.426	0	%100
49	M41	X	4.425	4.425	0	%100
50	M41	Z	-2.555	-2.555	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	4.201	4.201	0	%100
54	M44	Z	-2.426	-2.426	0	%100
55	M46A	X	4.425	4.425	0	%100
56	M46A	Z	-2.555	-2.555	0	%100
57	M54	X	7.324	7.324	0	%100
58	M54	Z	-4.228	-4.228	0	%100
59	M55	X	2.068	2.068	0	%100
60	M55	Z	-1.194	-1.194	0	%100
61	M56	X	2.068	2.068	0	%100
62	M56	Z	-1.194	-1.194	0	%100
63	M57	X	4.125	4.125	0	%100
64	M57	Z	-2.382	-2.382	0	%100
65	M58A	X	2.63	2.63	0	%100
66	M58A	Z	-1.519	-1.519	0	%100
67	M59A	X	10.521	10.521	0	%100
68	M59A	Z	-6.074	-6.074	0	%100
69	M62	X	12.375	12.375	0	%100
70	M62	Z	-7.145	-7.145	0	%100
71	M63	X	4.201	4.201	0	%100
72	M63	Z	-2.426	-2.426	0	%100
73	M65	X	4.425	4.425	0	%100
74	M65	Z	-2.555	-2.555	0	%100
75	M67	X	12.375	12.375	0	%100
76	M67	Z	-7.145	-7.145	0	%100
77	M68	X	16.805	16.805	0	%100
78	M68	Z	-9.702	-9.702	0	%100
79	M70	X	17.701	17.701	0	%100
80	M70	Z	-10.219	-10.219	0	%100
81	MP2A	X	6.531	6.531	0	%100
82	MP2A	Z	-3.771	-3.771	0	%100
83	MP3A	X	7.906	7.906	0	%100
84	MP3A	Z	-4.565	-4.565	0	%100
85	MP4A	X	6.531	6.531	0	%100
86	MP4A	Z	-3.771	-3.771	0	%100
87	MP5A	X	6.531	6.531	0	%100
88	MP5A	Z	-3.771	-3.771	0	%100
89	MP1C	X	6.531	6.531	0	%100
90	MP1C	Z	-3.771	-3.771	0	%100
91	MP2C	X	6.531	6.531	0	%100
92	MP2C	Z	-3.771	-3.771	0	%100
93	MP3C	X	7.906	7.906	0	%100
94	MP3C	Z	-4.565	-4.565	0	%100
95	MP4C	X	6.531	6.531	0	%100
96	MP4C	Z	-3.771	-3.771	0	%100
97	MP5C	X	6.531	6.531	0	%100
98	MP5C	Z	-3.771	-3.771	0	%100
99	MP1B	X	6.531	6.531	0	%100
100	MP1B	Z	-3.771	-3.771	0	%100
101	MP2B	X	6.531	6.531	0	%100
102	MP2B	Z	-3.771	-3.771	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
103	MP3B	X	7.906	7.906	0	%100
104	MP3B	Z	-4.565	-4.565	0	%100
105	MP4B	X	6.531	6.531	0	%100
106	MP4B	Z	-3.771	-3.771	0	%100
107	MP5B	X	6.531	6.531	0	%100
108	MP5B	Z	-3.771	-3.771	0	%100
109	M106	X	5.341	5.341	0	%100
110	M106	Z	-3.083	-3.083	0	%100
111	M108	X	5.341	5.341	0	%100
112	M108	Z	-3.083	-3.083	0	%100
113	M110	X	1.977	1.977	0	%100
114	M110	Z	-1.141	-1.141	0	%100
115	M116	X	7.906	7.906	0	%100
116	M116	Z	-4.565	-4.565	0	%100
117	M122	X	1.977	1.977	0	%100
118	M122	Z	-1.141	-1.141	0	%100
119	M134	X	2.593	2.593	0	%100
120	M134	Z	-1.497	-1.497	0	%100
121	M135	X	10.371	10.371	0	%100
122	M135	Z	-5.988	-5.988	0	%100
123	M136	X	2.593	2.593	0	%100
124	M136	Z	-1.497	-1.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	11.275	11.275	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	7.541	7.541	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	9.111	9.111	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	9.111	9.111	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	19.052	19.052	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	14.554	14.554	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	15.329	15.329	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	19.052	19.052	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	14.554	14.554	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	15.329	15.329	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	8.335	8.335	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	8.335	8.335	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	2.819	2.819	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
34	M30	Z	0	0	0	%100
35	M31	X	7.164	7.164	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	7.164	7.164	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	14.289	14.289	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	9.111	9.111	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	4.763	4.763	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	14.554	14.554	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	15.329	15.329	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	4.763	4.763	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	2.819	2.819	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	7.164	7.164	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	7.164	7.164	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	14.289	14.289	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	9.111	9.111	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	4.763	4.763	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	4.763	4.763	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	14.554	14.554	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	15.329	15.329	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	7.541	7.541	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	9.129	9.129	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	7.541	7.541	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	7.541	7.541	0	%100
88	MP5A	Z	0	0	0	%100
89	MP1C	X	7.541	7.541	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	7.541	7.541	0	%100
92	MP2C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
93	MP3C	X	9.129	9.129	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	7.541	7.541	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	7.541	7.541	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	7.541	7.541	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	7.541	7.541	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	9.129	9.129	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	7.541	7.541	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	7.541	7.541	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	6.167	6.167	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	6.167	6.167	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	6.847	6.847	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	6.847	6.847	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	8.982	8.982	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	8.982	8.982	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	2.406	2.406	0	%100
2	M1	Z	1.389	1.389	0	%100
3	M4	X	7.324	7.324	0	%100
4	M4	Z	4.228	4.228	0	%100
5	M10	X	2.068	2.068	0	%100
6	M10	Z	1.194	1.194	0	%100
7	MP1A	X	6.531	6.531	0	%100
8	MP1A	Z	3.771	3.771	0	%100
9	M43	X	2.068	2.068	0	%100
10	M43	Z	1.194	1.194	0	%100
11	M46	X	4.125	4.125	0	%100
12	M46	Z	2.382	2.382	0	%100
13	M51B	X	2.63	2.63	0	%100
14	M51B	Z	1.519	1.519	0	%100
15	M52B	X	10.521	10.521	0	%100
16	M52B	Z	6.074	6.074	0	%100
17	M76	X	12.375	12.375	0	%100
18	M76	Z	7.145	7.145	0	%100
19	M77	X	4.201	4.201	0	%100
20	M77	Z	2.426	2.426	0	%100
21	M80	X	4.425	4.425	0	%100
22	M80	Z	2.555	2.555	0	%100
23	M84	X	12.375	12.375	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
24	M84	Z	7.145	7.145	0	%100
25	M85	X	16.805	16.805	0	%100
26	M85	Z	9.702	9.702	0	%100
27	M91	X	17.701	17.701	0	%100
28	M91	Z	10.219	10.219	0	%100
29	M28B	X	2.406	2.406	0	%100
30	M28B	Z	1.389	1.389	0	%100
31	M29	X	9.625	9.625	0	%100
32	M29	Z	5.557	5.557	0	%100
33	M30	X	7.324	7.324	0	%100
34	M30	Z	4.228	4.228	0	%100
35	M31	X	2.068	2.068	0	%100
36	M31	Z	1.194	1.194	0	%100
37	M32	X	2.068	2.068	0	%100
38	M32	Z	1.194	1.194	0	%100
39	M33	X	4.125	4.125	0	%100
40	M33	Z	2.382	2.382	0	%100
41	M34	X	10.521	10.521	0	%100
42	M34	Z	6.074	6.074	0	%100
43	M35	X	2.63	2.63	0	%100
44	M35	Z	1.519	1.519	0	%100
45	M38	X	12.375	12.375	0	%100
46	M38	Z	7.145	7.145	0	%100
47	M39	X	16.805	16.805	0	%100
48	M39	Z	9.702	9.702	0	%100
49	M41	X	17.701	17.701	0	%100
50	M41	Z	10.219	10.219	0	%100
51	M43A	X	12.375	12.375	0	%100
52	M43A	Z	7.145	7.145	0	%100
53	M44	X	4.201	4.201	0	%100
54	M44	Z	2.426	2.426	0	%100
55	M46A	X	4.425	4.425	0	%100
56	M46A	Z	2.555	2.555	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	8.272	8.272	0	%100
60	M55	Z	4.776	4.776	0	%100
61	M56	X	8.272	8.272	0	%100
62	M56	Z	4.776	4.776	0	%100
63	M57	X	16.5	16.5	0	%100
64	M57	Z	9.526	9.526	0	%100
65	M58A	X	2.63	2.63	0	%100
66	M58A	Z	1.519	1.519	0	%100
67	M59A	X	2.63	2.63	0	%100
68	M59A	Z	1.519	1.519	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	4.201	4.201	0	%100
72	M63	Z	2.426	2.426	0	%100
73	M65	X	4.425	4.425	0	%100
74	M65	Z	2.555	2.555	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	4.201	4.201	0	%100
78	M68	Z	2.426	2.426	0	%100
79	M70	X	4.425	4.425	0	%100
80	M70	Z	2.555	2.555	0	%100
81	MP2A	X	6.531	6.531	0	%100
82	MP2A	Z	3.771	3.771	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
83	MP3A	X	7.906	7.906	0	%100
84	MP3A	Z	4.565	4.565	0	%100
85	MP4A	X	6.531	6.531	0	%100
86	MP4A	Z	3.771	3.771	0	%100
87	MP5A	X	6.531	6.531	0	%100
88	MP5A	Z	3.771	3.771	0	%100
89	MP1C	X	6.531	6.531	0	%100
90	MP1C	Z	3.771	3.771	0	%100
91	MP2C	X	6.531	6.531	0	%100
92	MP2C	Z	3.771	3.771	0	%100
93	MP3C	X	7.906	7.906	0	%100
94	MP3C	Z	4.565	4.565	0	%100
95	MP4C	X	6.531	6.531	0	%100
96	MP4C	Z	3.771	3.771	0	%100
97	MP5C	X	6.531	6.531	0	%100
98	MP5C	Z	3.771	3.771	0	%100
99	MP1B	X	6.531	6.531	0	%100
100	MP1B	Z	3.771	3.771	0	%100
101	MP2B	X	6.531	6.531	0	%100
102	MP2B	Z	3.771	3.771	0	%100
103	MP3B	X	7.906	7.906	0	%100
104	MP3B	Z	4.565	4.565	0	%100
105	MP4B	X	6.531	6.531	0	%100
106	MP4B	Z	3.771	3.771	0	%100
107	MP5B	X	6.531	6.531	0	%100
108	MP5B	Z	3.771	3.771	0	%100
109	M106	X	5.341	5.341	0	%100
110	M106	Z	3.083	3.083	0	%100
111	M108	X	5.341	5.341	0	%100
112	M108	Z	3.083	3.083	0	%100
113	M110	X	1.977	1.977	0	%100
114	M110	Z	1.141	1.141	0	%100
115	M116	X	1.977	1.977	0	%100
116	M116	Z	1.141	1.141	0	%100
117	M122	X	7.906	7.906	0	%100
118	M122	Z	4.565	4.565	0	%100
119	M134	X	2.593	2.593	0	%100
120	M134	Z	1.497	1.497	0	%100
121	M135	X	2.593	2.593	0	%100
122	M135	Z	1.497	1.497	0	%100
123	M136	X	10.371	10.371	0	%100
124	M136	Z	5.988	5.988	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.168	4.168	0	%100
2	M1	Z	7.219	7.219	0	%100
3	M4	X	1.409	1.409	0	%100
4	M4	Z	2.441	2.441	0	%100
5	M10	X	3.582	3.582	0	%100
6	M10	Z	6.204	6.204	0	%100
7	MP1A	X	3.771	3.771	0	%100
8	MP1A	Z	6.531	6.531	0	%100
9	M43	X	3.582	3.582	0	%100
10	M43	Z	6.204	6.204	0	%100
11	M46	X	7.145	7.145	0	%100
12	M46	Z	12.375	12.375	0	%100
13	M51B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
14	M51B	Z	0	0	0	%100
15	M52B	X	4.556	4.556	0	%100
16	M52B	Z	7.891	7.891	0	%100
17	M76	X	2.382	2.382	0	%100
18	M76	Z	4.125	4.125	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	2.382	2.382	0	%100
24	M84	Z	4.125	4.125	0	%100
25	M85	X	7.277	7.277	0	%100
26	M85	Z	12.604	12.604	0	%100
27	M91	X	7.665	7.665	0	%100
28	M91	Z	13.275	13.275	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	4.168	4.168	0	%100
32	M29	Z	7.219	7.219	0	%100
33	M30	X	5.638	5.638	0	%100
34	M30	Z	9.765	9.765	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	4.556	4.556	0	%100
42	M34	Z	7.891	7.891	0	%100
43	M35	X	4.556	4.556	0	%100
44	M35	Z	7.891	7.891	0	%100
45	M38	X	9.526	9.526	0	%100
46	M38	Z	16.5	16.5	0	%100
47	M39	X	7.277	7.277	0	%100
48	M39	Z	12.604	12.604	0	%100
49	M41	X	7.665	7.665	0	%100
50	M41	Z	13.275	13.275	0	%100
51	M43A	X	9.526	9.526	0	%100
52	M43A	Z	16.5	16.5	0	%100
53	M44	X	7.277	7.277	0	%100
54	M44	Z	12.604	12.604	0	%100
55	M46A	X	7.665	7.665	0	%100
56	M46A	Z	13.275	13.275	0	%100
57	M54	X	1.409	1.409	0	%100
58	M54	Z	2.441	2.441	0	%100
59	M55	X	3.582	3.582	0	%100
60	M55	Z	6.204	6.204	0	%100
61	M56	X	3.582	3.582	0	%100
62	M56	Z	6.204	6.204	0	%100
63	M57	X	7.145	7.145	0	%100
64	M57	Z	12.375	12.375	0	%100
65	M58A	X	4.556	4.556	0	%100
66	M58A	Z	7.891	7.891	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	2.382	2.382	0	%100
70	M62	Z	4.125	4.125	0	%100
71	M63	X	7.277	7.277	0	%100
72	M63	Z	12.604	12.604	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
73	M65	X	7.665	7.665	0	%100
74	M65	Z	13.275	13.275	0	%100
75	M67	X	2.382	2.382	0	%100
76	M67	Z	4.125	4.125	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	3.771	3.771	0	%100
82	MP2A	Z	6.531	6.531	0	%100
83	MP3A	X	4.565	4.565	0	%100
84	MP3A	Z	7.906	7.906	0	%100
85	MP4A	X	3.771	3.771	0	%100
86	MP4A	Z	6.531	6.531	0	%100
87	MP5A	X	3.771	3.771	0	%100
88	MP5A	Z	6.531	6.531	0	%100
89	MP1C	X	3.771	3.771	0	%100
90	MP1C	Z	6.531	6.531	0	%100
91	MP2C	X	3.771	3.771	0	%100
92	MP2C	Z	6.531	6.531	0	%100
93	MP3C	X	4.565	4.565	0	%100
94	MP3C	Z	7.906	7.906	0	%100
95	MP4C	X	3.771	3.771	0	%100
96	MP4C	Z	6.531	6.531	0	%100
97	MP5C	X	3.771	3.771	0	%100
98	MP5C	Z	6.531	6.531	0	%100
99	MP1B	X	3.771	3.771	0	%100
100	MP1B	Z	6.531	6.531	0	%100
101	MP2B	X	3.771	3.771	0	%100
102	MP2B	Z	6.531	6.531	0	%100
103	MP3B	X	4.565	4.565	0	%100
104	MP3B	Z	7.906	7.906	0	%100
105	MP4B	X	3.771	3.771	0	%100
106	MP4B	Z	6.531	6.531	0	%100
107	MP5B	X	3.771	3.771	0	%100
108	MP5B	Z	6.531	6.531	0	%100
109	M106	X	3.083	3.083	0	%100
110	M106	Z	5.341	5.341	0	%100
111	M108	X	3.083	3.083	0	%100
112	M108	Z	5.341	5.341	0	%100
113	M110	X	3.423	3.423	0	%100
114	M110	Z	5.93	5.93	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	3.423	3.423	0	%100
118	M122	Z	5.93	5.93	0	%100
119	M134	X	4.491	4.491	0	%100
120	M134	Z	7.779	7.779	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	4.491	4.491	0	%100
124	M136	Z	7.779	7.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	11.114	11.114	0	%100
3	M4	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.552	9.552	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	7.541	7.541	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	9.552	9.552	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	19.052	19.052	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	3.037	3.037	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	3.037	3.037	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	4.851	4.851	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	5.11	5.11	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	4.851	4.851	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	5.11	5.11	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	2.778	2.778	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	2.778	2.778	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	8.457	8.457	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	2.388	2.388	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	2.388	2.388	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	4.763	4.763	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	3.037	3.037	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	12.148	12.148	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	14.289	14.289	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	4.851	4.851	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	5.11	5.11	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	14.289	14.289	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	19.405	19.405	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	20.439	20.439	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	8.457	8.457	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	2.388	2.388	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	2.388	2.388	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
63	M57	X	0	0	0	%100
64	M57	Z	4.763	4.763	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	12.148	12.148	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	3.037	3.037	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	14.289	14.289	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	19.405	19.405	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	20.439	20.439	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	14.289	14.289	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	4.851	4.851	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	5.11	5.11	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	7.541	7.541	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	9.129	9.129	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	7.541	7.541	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	7.541	7.541	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	7.541	7.541	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	7.541	7.541	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	9.129	9.129	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	7.541	7.541	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	7.541	7.541	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	7.541	7.541	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	7.541	7.541	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	9.129	9.129	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	7.541	7.541	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	7.541	7.541	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	6.167	6.167	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	6.167	6.167	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	9.129	9.129	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	2.282	2.282	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	2.282	2.282	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	11.976	11.976	0	%100
121	M135	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
122	M135	Z	2.994	2.994	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	2.994	2.994	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.168	-4.168	0	%100
2	M1	Z	7.219	7.219	0	%100
3	M4	X	-1.409	-1.409	0	%100
4	M4	Z	2.441	2.441	0	%100
5	M10	X	-3.582	-3.582	0	%100
6	M10	Z	6.204	6.204	0	%100
7	MP1A	X	-3.771	-3.771	0	%100
8	MP1A	Z	6.531	6.531	0	%100
9	M43	X	-3.582	-3.582	0	%100
10	M43	Z	6.204	6.204	0	%100
11	M46	X	-7.145	-7.145	0	%100
12	M46	Z	12.375	12.375	0	%100
13	M51B	X	-4.556	-4.556	0	%100
14	M51B	Z	7.891	7.891	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-2.382	-2.382	0	%100
18	M76	Z	4.125	4.125	0	%100
19	M77	X	-7.277	-7.277	0	%100
20	M77	Z	12.604	12.604	0	%100
21	M80	X	-7.665	-7.665	0	%100
22	M80	Z	13.275	13.275	0	%100
23	M84	X	-2.382	-2.382	0	%100
24	M84	Z	4.125	4.125	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-4.168	-4.168	0	%100
30	M28B	Z	7.219	7.219	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-1.409	-1.409	0	%100
34	M30	Z	2.441	2.441	0	%100
35	M31	X	-3.582	-3.582	0	%100
36	M31	Z	6.204	6.204	0	%100
37	M32	X	-3.582	-3.582	0	%100
38	M32	Z	6.204	6.204	0	%100
39	M33	X	-7.145	-7.145	0	%100
40	M33	Z	12.375	12.375	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	-4.556	-4.556	0	%100
44	M35	Z	7.891	7.891	0	%100
45	M38	X	-2.382	-2.382	0	%100
46	M38	Z	4.125	4.125	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-2.382	-2.382	0	%100
52	M43A	Z	4.125	4.125	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
53	M44	X	-7.277	-7.277	0	%100
54	M44	Z	12.604	12.604	0	%100
55	M46A	X	-7.665	-7.665	0	%100
56	M46A	Z	13.275	13.275	0	%100
57	M54	X	-5.638	-5.638	0	%100
58	M54	Z	9.765	9.765	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	-4.556	-4.556	0	%100
66	M58A	Z	7.891	7.891	0	%100
67	M59A	X	-4.556	-4.556	0	%100
68	M59A	Z	7.891	7.891	0	%100
69	M62	X	-9.526	-9.526	0	%100
70	M62	Z	16.5	16.5	0	%100
71	M63	X	-7.277	-7.277	0	%100
72	M63	Z	12.604	12.604	0	%100
73	M65	X	-7.665	-7.665	0	%100
74	M65	Z	13.275	13.275	0	%100
75	M67	X	-9.526	-9.526	0	%100
76	M67	Z	16.5	16.5	0	%100
77	M68	X	-7.277	-7.277	0	%100
78	M68	Z	12.604	12.604	0	%100
79	M70	X	-7.665	-7.665	0	%100
80	M70	Z	13.275	13.275	0	%100
81	MP2A	X	-3.771	-3.771	0	%100
82	MP2A	Z	6.531	6.531	0	%100
83	MP3A	X	-4.565	-4.565	0	%100
84	MP3A	Z	7.906	7.906	0	%100
85	MP4A	X	-3.771	-3.771	0	%100
86	MP4A	Z	6.531	6.531	0	%100
87	MP5A	X	-3.771	-3.771	0	%100
88	MP5A	Z	6.531	6.531	0	%100
89	MP1C	X	-3.771	-3.771	0	%100
90	MP1C	Z	6.531	6.531	0	%100
91	MP2C	X	-3.771	-3.771	0	%100
92	MP2C	Z	6.531	6.531	0	%100
93	MP3C	X	-4.565	-4.565	0	%100
94	MP3C	Z	7.906	7.906	0	%100
95	MP4C	X	-3.771	-3.771	0	%100
96	MP4C	Z	6.531	6.531	0	%100
97	MP5C	X	-3.771	-3.771	0	%100
98	MP5C	Z	6.531	6.531	0	%100
99	MP1B	X	-3.771	-3.771	0	%100
100	MP1B	Z	6.531	6.531	0	%100
101	MP2B	X	-3.771	-3.771	0	%100
102	MP2B	Z	6.531	6.531	0	%100
103	MP3B	X	-4.565	-4.565	0	%100
104	MP3B	Z	7.906	7.906	0	%100
105	MP4B	X	-3.771	-3.771	0	%100
106	MP4B	Z	6.531	6.531	0	%100
107	MP5B	X	-3.771	-3.771	0	%100
108	MP5B	Z	6.531	6.531	0	%100
109	M106	X	-3.083	-3.083	0	%100
110	M106	Z	5.341	5.341	0	%100
111	M108	X	-3.083	-3.083	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
112	M108	Z	5.341	5.341	0	%100
113	M110	X	-3.423	-3.423	0	%100
114	M110	Z	5.93	5.93	0	%100
115	M116	X	-3.423	-3.423	0	%100
116	M116	Z	5.93	5.93	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	-4.491	-4.491	0	%100
120	M134	Z	7.779	7.779	0	%100
121	M135	X	-4.491	-4.491	0	%100
122	M135	Z	7.779	7.779	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-2.406	-2.406	0	%100
2	M1	Z	1.389	1.389	0	%100
3	M4	X	-7.324	-7.324	0	%100
4	M4	Z	4.228	4.228	0	%100
5	M10	X	-2.068	-2.068	0	%100
6	M10	Z	1.194	1.194	0	%100
7	MP1A	X	-6.531	-6.531	0	%100
8	MP1A	Z	3.771	3.771	0	%100
9	M43	X	-2.068	-2.068	0	%100
10	M43	Z	1.194	1.194	0	%100
11	M46	X	-4.125	-4.125	0	%100
12	M46	Z	2.382	2.382	0	%100
13	M51B	X	-10.521	-10.521	0	%100
14	M51B	Z	6.074	6.074	0	%100
15	M52B	X	-2.63	-2.63	0	%100
16	M52B	Z	1.519	1.519	0	%100
17	M76	X	-12.375	-12.375	0	%100
18	M76	Z	7.145	7.145	0	%100
19	M77	X	-16.805	-16.805	0	%100
20	M77	Z	9.702	9.702	0	%100
21	M80	X	-17.701	-17.701	0	%100
22	M80	Z	10.219	10.219	0	%100
23	M84	X	-12.375	-12.375	0	%100
24	M84	Z	7.145	7.145	0	%100
25	M85	X	-4.201	-4.201	0	%100
26	M85	Z	2.426	2.426	0	%100
27	M91	X	-4.425	-4.425	0	%100
28	M91	Z	2.555	2.555	0	%100
29	M28B	X	-9.625	-9.625	0	%100
30	M28B	Z	5.557	5.557	0	%100
31	M29	X	-2.406	-2.406	0	%100
32	M29	Z	1.389	1.389	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-8.272	-8.272	0	%100
36	M31	Z	4.776	4.776	0	%100
37	M32	X	-8.272	-8.272	0	%100
38	M32	Z	4.776	4.776	0	%100
39	M33	X	-16.5	-16.5	0	%100
40	M33	Z	9.526	9.526	0	%100
41	M34	X	-2.63	-2.63	0	%100
42	M34	Z	1.519	1.519	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
43	M35	X	-2.63	-2.63	0	%100
44	M35	Z	1.519	1.519	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-4.201	-4.201	0	%100
48	M39	Z	2.426	2.426	0	%100
49	M41	X	-4.425	-4.425	0	%100
50	M41	Z	2.555	2.555	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	-4.201	-4.201	0	%100
54	M44	Z	2.426	2.426	0	%100
55	M46A	X	-4.425	-4.425	0	%100
56	M46A	Z	2.555	2.555	0	%100
57	M54	X	-7.324	-7.324	0	%100
58	M54	Z	4.228	4.228	0	%100
59	M55	X	-2.068	-2.068	0	%100
60	M55	Z	1.194	1.194	0	%100
61	M56	X	-2.068	-2.068	0	%100
62	M56	Z	1.194	1.194	0	%100
63	M57	X	-4.125	-4.125	0	%100
64	M57	Z	2.382	2.382	0	%100
65	M58A	X	-2.63	-2.63	0	%100
66	M58A	Z	1.519	1.519	0	%100
67	M59A	X	-10.521	-10.521	0	%100
68	M59A	Z	6.074	6.074	0	%100
69	M62	X	-12.375	-12.375	0	%100
70	M62	Z	7.145	7.145	0	%100
71	M63	X	-4.201	-4.201	0	%100
72	M63	Z	2.426	2.426	0	%100
73	M65	X	-4.425	-4.425	0	%100
74	M65	Z	2.555	2.555	0	%100
75	M67	X	-12.375	-12.375	0	%100
76	M67	Z	7.145	7.145	0	%100
77	M68	X	-16.805	-16.805	0	%100
78	M68	Z	9.702	9.702	0	%100
79	M70	X	-17.701	-17.701	0	%100
80	M70	Z	10.219	10.219	0	%100
81	MP2A	X	-6.531	-6.531	0	%100
82	MP2A	Z	3.771	3.771	0	%100
83	MP3A	X	-7.906	-7.906	0	%100
84	MP3A	Z	4.565	4.565	0	%100
85	MP4A	X	-6.531	-6.531	0	%100
86	MP4A	Z	3.771	3.771	0	%100
87	MP5A	X	-6.531	-6.531	0	%100
88	MP5A	Z	3.771	3.771	0	%100
89	MP1C	X	-6.531	-6.531	0	%100
90	MP1C	Z	3.771	3.771	0	%100
91	MP2C	X	-6.531	-6.531	0	%100
92	MP2C	Z	3.771	3.771	0	%100
93	MP3C	X	-7.906	-7.906	0	%100
94	MP3C	Z	4.565	4.565	0	%100
95	MP4C	X	-6.531	-6.531	0	%100
96	MP4C	Z	3.771	3.771	0	%100
97	MP5C	X	-6.531	-6.531	0	%100
98	MP5C	Z	3.771	3.771	0	%100
99	MP1B	X	-6.531	-6.531	0	%100
100	MP1B	Z	3.771	3.771	0	%100
101	MP2B	X	-6.531	-6.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
102	MP2B	Z	3.771	3.771	0	%100
103	MP3B	X	-7.906	-7.906	0	%100
104	MP3B	Z	4.565	4.565	0	%100
105	MP4B	X	-6.531	-6.531	0	%100
106	MP4B	Z	3.771	3.771	0	%100
107	MP5B	X	-6.531	-6.531	0	%100
108	MP5B	Z	3.771	3.771	0	%100
109	M106	X	-5.341	-5.341	0	%100
110	M106	Z	3.083	3.083	0	%100
111	M108	X	-5.341	-5.341	0	%100
112	M108	Z	3.083	3.083	0	%100
113	M110	X	-1.977	-1.977	0	%100
114	M110	Z	1.141	1.141	0	%100
115	M116	X	-7.906	-7.906	0	%100
116	M116	Z	4.565	4.565	0	%100
117	M122	X	-1.977	-1.977	0	%100
118	M122	Z	1.141	1.141	0	%100
119	M134	X	-2.593	-2.593	0	%100
120	M134	Z	1.497	1.497	0	%100
121	M135	X	-10.371	-10.371	0	%100
122	M135	Z	5.988	5.988	0	%100
123	M136	X	-2.593	-2.593	0	%100
124	M136	Z	1.497	1.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-11.275	-11.275	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-7.541	-7.541	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-9.111	-9.111	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-9.111	-9.111	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-19.052	-19.052	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-14.554	-14.554	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-15.329	-15.329	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-19.052	-19.052	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-14.554	-14.554	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-15.329	-15.329	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-8.335	-8.335	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-8.335	-8.335	0	%100
32	M29	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft,%]	End Location[ft,%]
33	M30	X	-2.819	-2.819	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-7.164	-7.164	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-7.164	-7.164	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	-14.289	-14.289	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-9.111	-9.111	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	-4.763	-4.763	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-14.554	-14.554	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	-15.329	-15.329	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-4.763	-4.763	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	-2.819	-2.819	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-7.164	-7.164	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	-7.164	-7.164	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	-14.289	-14.289	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	-9.111	-9.111	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-4.763	-4.763	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	-4.763	-4.763	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-14.554	-14.554	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	-15.329	-15.329	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-7.541	-7.541	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-9.129	-9.129	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-7.541	-7.541	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	-7.541	-7.541	0	%100
88	MP5A	Z	0	0	0	%100
89	MP1C	X	-7.541	-7.541	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-7.541	-7.541	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-9.129	-9.129	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-7.541	-7.541	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	-7.541	-7.541	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	-7.541	-7.541	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-7.541	-7.541	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-9.129	-9.129	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	-7.541	-7.541	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	-7.541	-7.541	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	-6.167	-6.167	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	-6.167	-6.167	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	-6.847	-6.847	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-6.847	-6.847	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	-8.982	-8.982	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-8.982	-8.982	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-2.406	-2.406	0	%100
2	M1	Z	-1.389	-1.389	0	%100
3	M4	X	-7.324	-7.324	0	%100
4	M4	Z	-4.228	-4.228	0	%100
5	M10	X	-2.068	-2.068	0	%100
6	M10	Z	-1.194	-1.194	0	%100
7	MP1A	X	-6.531	-6.531	0	%100
8	MP1A	Z	-3.771	-3.771	0	%100
9	M43	X	-2.068	-2.068	0	%100
10	M43	Z	-1.194	-1.194	0	%100
11	M46	X	-4.125	-4.125	0	%100
12	M46	Z	-2.382	-2.382	0	%100
13	M51B	X	-2.63	-2.63	0	%100
14	M51B	Z	-1.519	-1.519	0	%100
15	M52B	X	-10.521	-10.521	0	%100
16	M52B	Z	-6.074	-6.074	0	%100
17	M76	X	-12.375	-12.375	0	%100
18	M76	Z	-7.145	-7.145	0	%100
19	M77	X	-4.201	-4.201	0	%100
20	M77	Z	-2.426	-2.426	0	%100
21	M80	X	-4.425	-4.425	0	%100
22	M80	Z	-2.555	-2.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
23	M84	X	-12.375	-12.375	0	%100
24	M84	Z	-7.145	-7.145	0	%100
25	M85	X	-16.805	-16.805	0	%100
26	M85	Z	-9.702	-9.702	0	%100
27	M91	X	-17.701	-17.701	0	%100
28	M91	Z	-10.219	-10.219	0	%100
29	M28B	X	-2.406	-2.406	0	%100
30	M28B	Z	-1.389	-1.389	0	%100
31	M29	X	-9.625	-9.625	0	%100
32	M29	Z	-5.557	-5.557	0	%100
33	M30	X	-7.324	-7.324	0	%100
34	M30	Z	-4.228	-4.228	0	%100
35	M31	X	-2.068	-2.068	0	%100
36	M31	Z	-1.194	-1.194	0	%100
37	M32	X	-2.068	-2.068	0	%100
38	M32	Z	-1.194	-1.194	0	%100
39	M33	X	-4.125	-4.125	0	%100
40	M33	Z	-2.382	-2.382	0	%100
41	M34	X	-10.521	-10.521	0	%100
42	M34	Z	-6.074	-6.074	0	%100
43	M35	X	-2.63	-2.63	0	%100
44	M35	Z	-1.519	-1.519	0	%100
45	M38	X	-12.375	-12.375	0	%100
46	M38	Z	-7.145	-7.145	0	%100
47	M39	X	-16.805	-16.805	0	%100
48	M39	Z	-9.702	-9.702	0	%100
49	M41	X	-17.701	-17.701	0	%100
50	M41	Z	-10.219	-10.219	0	%100
51	M43A	X	-12.375	-12.375	0	%100
52	M43A	Z	-7.145	-7.145	0	%100
53	M44	X	-4.201	-4.201	0	%100
54	M44	Z	-2.426	-2.426	0	%100
55	M46A	X	-4.425	-4.425	0	%100
56	M46A	Z	-2.555	-2.555	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-8.272	-8.272	0	%100
60	M55	Z	-4.776	-4.776	0	%100
61	M56	X	-8.272	-8.272	0	%100
62	M56	Z	-4.776	-4.776	0	%100
63	M57	X	-16.5	-16.5	0	%100
64	M57	Z	-9.526	-9.526	0	%100
65	M58A	X	-2.63	-2.63	0	%100
66	M58A	Z	-1.519	-1.519	0	%100
67	M59A	X	-2.63	-2.63	0	%100
68	M59A	Z	-1.519	-1.519	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	-4.201	-4.201	0	%100
72	M63	Z	-2.426	-2.426	0	%100
73	M65	X	-4.425	-4.425	0	%100
74	M65	Z	-2.555	-2.555	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-4.201	-4.201	0	%100
78	M68	Z	-2.426	-2.426	0	%100
79	M70	X	-4.425	-4.425	0	%100
80	M70	Z	-2.555	-2.555	0	%100
81	MP2A	X	-6.531	-6.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
82	MP2A	Z	-3.771	-3.771	0	%100
83	MP3A	X	-7.906	-7.906	0	%100
84	MP3A	Z	-4.565	-4.565	0	%100
85	MP4A	X	-6.531	-6.531	0	%100
86	MP4A	Z	-3.771	-3.771	0	%100
87	MP5A	X	-6.531	-6.531	0	%100
88	MP5A	Z	-3.771	-3.771	0	%100
89	MP1C	X	-6.531	-6.531	0	%100
90	MP1C	Z	-3.771	-3.771	0	%100
91	MP2C	X	-6.531	-6.531	0	%100
92	MP2C	Z	-3.771	-3.771	0	%100
93	MP3C	X	-7.906	-7.906	0	%100
94	MP3C	Z	-4.565	-4.565	0	%100
95	MP4C	X	-6.531	-6.531	0	%100
96	MP4C	Z	-3.771	-3.771	0	%100
97	MP5C	X	-6.531	-6.531	0	%100
98	MP5C	Z	-3.771	-3.771	0	%100
99	MP1B	X	-6.531	-6.531	0	%100
100	MP1B	Z	-3.771	-3.771	0	%100
101	MP2B	X	-6.531	-6.531	0	%100
102	MP2B	Z	-3.771	-3.771	0	%100
103	MP3B	X	-7.906	-7.906	0	%100
104	MP3B	Z	-4.565	-4.565	0	%100
105	MP4B	X	-6.531	-6.531	0	%100
106	MP4B	Z	-3.771	-3.771	0	%100
107	MP5B	X	-6.531	-6.531	0	%100
108	MP5B	Z	-3.771	-3.771	0	%100
109	M106	X	-5.341	-5.341	0	%100
110	M106	Z	-3.083	-3.083	0	%100
111	M108	X	-5.341	-5.341	0	%100
112	M108	Z	-3.083	-3.083	0	%100
113	M110	X	-1.977	-1.977	0	%100
114	M110	Z	-1.141	-1.141	0	%100
115	M116	X	-1.977	-1.977	0	%100
116	M116	Z	-1.141	-1.141	0	%100
117	M122	X	-7.906	-7.906	0	%100
118	M122	Z	-4.565	-4.565	0	%100
119	M134	X	-2.593	-2.593	0	%100
120	M134	Z	-1.497	-1.497	0	%100
121	M135	X	-2.593	-2.593	0	%100
122	M135	Z	-1.497	-1.497	0	%100
123	M136	X	-10.371	-10.371	0	%100
124	M136	Z	-5.988	-5.988	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-4.168	-4.168	0	%100
2	M1	Z	-7.219	-7.219	0	%100
3	M4	X	-1.409	-1.409	0	%100
4	M4	Z	-2.441	-2.441	0	%100
5	M10	X	-3.582	-3.582	0	%100
6	M10	Z	-6.204	-6.204	0	%100
7	MP1A	X	-3.771	-3.771	0	%100
8	MP1A	Z	-6.531	-6.531	0	%100
9	M43	X	-3.582	-3.582	0	%100
10	M43	Z	-6.204	-6.204	0	%100
11	M46	X	-7.145	-7.145	0	%100
12	M46	Z	-12.375	-12.375	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-4.556	-4.556	0	%100
16	M52B	Z	-7.891	-7.891	0	%100
17	M76	X	-2.382	-2.382	0	%100
18	M76	Z	-4.125	-4.125	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-2.382	-2.382	0	%100
24	M84	Z	-4.125	-4.125	0	%100
25	M85	X	-7.277	-7.277	0	%100
26	M85	Z	-12.604	-12.604	0	%100
27	M91	X	-7.665	-7.665	0	%100
28	M91	Z	-13.275	-13.275	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-4.168	-4.168	0	%100
32	M29	Z	-7.219	-7.219	0	%100
33	M30	X	-5.638	-5.638	0	%100
34	M30	Z	-9.765	-9.765	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-4.556	-4.556	0	%100
42	M34	Z	-7.891	-7.891	0	%100
43	M35	X	-4.556	-4.556	0	%100
44	M35	Z	-7.891	-7.891	0	%100
45	M38	X	-9.526	-9.526	0	%100
46	M38	Z	-16.5	-16.5	0	%100
47	M39	X	-7.277	-7.277	0	%100
48	M39	Z	-12.604	-12.604	0	%100
49	M41	X	-7.665	-7.665	0	%100
50	M41	Z	-13.275	-13.275	0	%100
51	M43A	X	-9.526	-9.526	0	%100
52	M43A	Z	-16.5	-16.5	0	%100
53	M44	X	-7.277	-7.277	0	%100
54	M44	Z	-12.604	-12.604	0	%100
55	M46A	X	-7.665	-7.665	0	%100
56	M46A	Z	-13.275	-13.275	0	%100
57	M54	X	-1.409	-1.409	0	%100
58	M54	Z	-2.441	-2.441	0	%100
59	M55	X	-3.582	-3.582	0	%100
60	M55	Z	-6.204	-6.204	0	%100
61	M56	X	-3.582	-3.582	0	%100
62	M56	Z	-6.204	-6.204	0	%100
63	M57	X	-7.145	-7.145	0	%100
64	M57	Z	-12.375	-12.375	0	%100
65	M58A	X	-4.556	-4.556	0	%100
66	M58A	Z	-7.891	-7.891	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-2.382	-2.382	0	%100
70	M62	Z	-4.125	-4.125	0	%100
71	M63	X	-7.277	-7.277	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
72	M63	Z	-12.604	-12.604	0	%100
73	M65	X	-7.665	-7.665	0	%100
74	M65	Z	-13.275	-13.275	0	%100
75	M67	X	-2.382	-2.382	0	%100
76	M67	Z	-4.125	-4.125	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-3.771	-3.771	0	%100
82	MP2A	Z	-6.531	-6.531	0	%100
83	MP3A	X	-4.565	-4.565	0	%100
84	MP3A	Z	-7.906	-7.906	0	%100
85	MP4A	X	-3.771	-3.771	0	%100
86	MP4A	Z	-6.531	-6.531	0	%100
87	MP5A	X	-3.771	-3.771	0	%100
88	MP5A	Z	-6.531	-6.531	0	%100
89	MP1C	X	-3.771	-3.771	0	%100
90	MP1C	Z	-6.531	-6.531	0	%100
91	MP2C	X	-3.771	-3.771	0	%100
92	MP2C	Z	-6.531	-6.531	0	%100
93	MP3C	X	-4.565	-4.565	0	%100
94	MP3C	Z	-7.906	-7.906	0	%100
95	MP4C	X	-3.771	-3.771	0	%100
96	MP4C	Z	-6.531	-6.531	0	%100
97	MP5C	X	-3.771	-3.771	0	%100
98	MP5C	Z	-6.531	-6.531	0	%100
99	MP1B	X	-3.771	-3.771	0	%100
100	MP1B	Z	-6.531	-6.531	0	%100
101	MP2B	X	-3.771	-3.771	0	%100
102	MP2B	Z	-6.531	-6.531	0	%100
103	MP3B	X	-4.565	-4.565	0	%100
104	MP3B	Z	-7.906	-7.906	0	%100
105	MP4B	X	-3.771	-3.771	0	%100
106	MP4B	Z	-6.531	-6.531	0	%100
107	MP5B	X	-3.771	-3.771	0	%100
108	MP5B	Z	-6.531	-6.531	0	%100
109	M106	X	-3.083	-3.083	0	%100
110	M106	Z	-5.341	-5.341	0	%100
111	M108	X	-3.083	-3.083	0	%100
112	M108	Z	-5.341	-5.341	0	%100
113	M110	X	-3.423	-3.423	0	%100
114	M110	Z	-5.93	-5.93	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-3.423	-3.423	0	%100
118	M122	Z	-5.93	-5.93	0	%100
119	M134	X	-4.491	-4.491	0	%100
120	M134	Z	-7.779	-7.779	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-4.491	-4.491	0	%100
124	M136	Z	-7.779	-7.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.883	-3.883	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-3.014	-3.014	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-3.11	-3.11	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-3.014	-3.014	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-4.523	-4.523	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-.924	-.924	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-.924	-.924	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-1.137	-1.137	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-1.183	-1.183	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-1.137	-1.137	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-1.183	-1.183	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	-.971	-.971	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-.971	-.971	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-2.749	-2.749	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	-.753	-.753	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	-.753	-.753	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-1.131	-1.131	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	-.924	-.924	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	-3.698	-3.698	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	-3.363	-3.363	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	-1.137	-1.137	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	-1.183	-1.183	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	-3.363	-3.363	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	-4.546	-4.546	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	-4.73	-4.73	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-2.749	-2.749	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-.753	-.753	0	%100
61	M56	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
62	M56	Z	-7.753	-7.753	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	-1.131	-1.131	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	-3.698	-3.698	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	-9.24	-9.24	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-3.363	-3.363	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-4.546	-4.546	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	-4.73	-4.73	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	-3.363	-3.363	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	-1.137	-1.137	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	-1.183	-1.183	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-3.11	-3.11	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-3.532	-3.532	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-3.11	-3.11	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-3.11	-3.11	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-3.11	-3.11	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-3.11	-3.11	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-3.532	-3.532	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-3.11	-3.11	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-3.11	-3.11	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-3.11	-3.11	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-3.11	-3.11	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-3.532	-3.532	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	-3.11	-3.11	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-3.11	-3.11	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-2.494	-2.494	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-2.494	-2.494	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	-3.532	-3.532	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-8.83	-8.83	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-8.83	-8.83	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-3.465	-3.465	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
121	M135	X	0	0	0	%100
122	M135	Z	-.866	-.866	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	-.866	-.866	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.456	1.456	0	%100
2	M1	Z	-2.522	-2.522	0	%100
3	M4	X	.458	.458	0	%100
4	M4	Z	-.794	-.794	0	%100
5	M10	X	1.13	1.13	0	%100
6	M10	Z	-1.957	-1.957	0	%100
7	MP1A	X	1.555	1.555	0	%100
8	MP1A	Z	-2.694	-2.694	0	%100
9	M43	X	1.13	1.13	0	%100
10	M43	Z	-1.957	-1.957	0	%100
11	M46	X	1.696	1.696	0	%100
12	M46	Z	-2.938	-2.938	0	%100
13	M51B	X	1.387	1.387	0	%100
14	M51B	Z	-2.402	-2.402	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.56	.56	0	%100
18	M76	Z	-.971	-.971	0	%100
19	M77	X	1.705	1.705	0	%100
20	M77	Z	-2.953	-2.953	0	%100
21	M80	X	1.774	1.774	0	%100
22	M80	Z	-3.072	-3.072	0	%100
23	M84	X	.56	.56	0	%100
24	M84	Z	-.971	-.971	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	1.456	1.456	0	%100
30	M28B	Z	-2.522	-2.522	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.458	.458	0	%100
34	M30	Z	-.794	-.794	0	%100
35	M31	X	1.13	1.13	0	%100
36	M31	Z	-1.957	-1.957	0	%100
37	M32	X	1.13	1.13	0	%100
38	M32	Z	-1.957	-1.957	0	%100
39	M33	X	1.696	1.696	0	%100
40	M33	Z	-2.938	-2.938	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	1.387	1.387	0	%100
44	M35	Z	-2.402	-2.402	0	%100
45	M38	X	.56	.56	0	%100
46	M38	Z	-.971	-.971	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	.56	.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
52	M43A	Z	-0.971	-0.971	0	%100
53	M44	X	1.705	1.705	0	%100
54	M44	Z	-2.953	-2.953	0	%100
55	M46A	X	1.774	1.774	0	%100
56	M46A	Z	-3.072	-3.072	0	%100
57	M54	X	1.833	1.833	0	%100
58	M54	Z	-3.175	-3.175	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	1.387	1.387	0	%100
66	M58A	Z	-2.402	-2.402	0	%100
67	M59A	X	1.387	1.387	0	%100
68	M59A	Z	-2.402	-2.402	0	%100
69	M62	X	2.242	2.242	0	%100
70	M62	Z	-3.883	-3.883	0	%100
71	M63	X	1.705	1.705	0	%100
72	M63	Z	-2.953	-2.953	0	%100
73	M65	X	1.774	1.774	0	%100
74	M65	Z	-3.072	-3.072	0	%100
75	M67	X	2.242	2.242	0	%100
76	M67	Z	-3.883	-3.883	0	%100
77	M68	X	1.705	1.705	0	%100
78	M68	Z	-2.953	-2.953	0	%100
79	M70	X	1.774	1.774	0	%100
80	M70	Z	-3.072	-3.072	0	%100
81	MP2A	X	1.555	1.555	0	%100
82	MP2A	Z	-2.694	-2.694	0	%100
83	MP3A	X	1.766	1.766	0	%100
84	MP3A	Z	-3.059	-3.059	0	%100
85	MP4A	X	1.555	1.555	0	%100
86	MP4A	Z	-2.694	-2.694	0	%100
87	MP5A	X	1.555	1.555	0	%100
88	MP5A	Z	-2.694	-2.694	0	%100
89	MP1C	X	1.555	1.555	0	%100
90	MP1C	Z	-2.694	-2.694	0	%100
91	MP2C	X	1.555	1.555	0	%100
92	MP2C	Z	-2.694	-2.694	0	%100
93	MP3C	X	1.766	1.766	0	%100
94	MP3C	Z	-3.059	-3.059	0	%100
95	MP4C	X	1.555	1.555	0	%100
96	MP4C	Z	-2.694	-2.694	0	%100
97	MP5C	X	1.555	1.555	0	%100
98	MP5C	Z	-2.694	-2.694	0	%100
99	MP1B	X	1.555	1.555	0	%100
100	MP1B	Z	-2.694	-2.694	0	%100
101	MP2B	X	1.555	1.555	0	%100
102	MP2B	Z	-2.694	-2.694	0	%100
103	MP3B	X	1.766	1.766	0	%100
104	MP3B	Z	-3.059	-3.059	0	%100
105	MP4B	X	1.555	1.555	0	%100
106	MP4B	Z	-2.694	-2.694	0	%100
107	MP5B	X	1.555	1.555	0	%100
108	MP5B	Z	-2.694	-2.694	0	%100
109	M106	X	1.247	1.247	0	%100
110	M106	Z	-2.16	-2.16	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
111	M108	X	1.247	1.247	0	%100
112	M108	Z	-2.16	-2.16	0	%100
113	M110	X	1.325	1.325	0	%100
114	M110	Z	-2.294	-2.294	0	%100
115	M116	X	1.325	1.325	0	%100
116	M116	Z	-2.294	-2.294	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	1.299	1.299	0	%100
120	M134	Z	-2.251	-2.251	0	%100
121	M135	X	1.299	1.299	0	%100
122	M135	Z	-2.251	-2.251	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.841	.841	0	%100
2	M1	Z	-.485	-.485	0	%100
3	M4	X	2.381	2.381	0	%100
4	M4	Z	-1.375	-1.375	0	%100
5	M10	X	.652	.652	0	%100
6	M10	Z	-.377	-.377	0	%100
7	MP1A	X	2.694	2.694	0	%100
8	MP1A	Z	-1.555	-1.555	0	%100
9	M43	X	.652	.652	0	%100
10	M43	Z	-.377	-.377	0	%100
11	M46	X	.979	.979	0	%100
12	M46	Z	-.565	-.565	0	%100
13	M51B	X	3.202	3.202	0	%100
14	M51B	Z	-1.849	-1.849	0	%100
15	M52B	X	.801	.801	0	%100
16	M52B	Z	-.462	-.462	0	%100
17	M76	X	2.912	2.912	0	%100
18	M76	Z	-1.681	-1.681	0	%100
19	M77	X	3.937	3.937	0	%100
20	M77	Z	-2.273	-2.273	0	%100
21	M80	X	4.097	4.097	0	%100
22	M80	Z	-2.365	-2.365	0	%100
23	M84	X	2.912	2.912	0	%100
24	M84	Z	-1.681	-1.681	0	%100
25	M85	X	.984	.984	0	%100
26	M85	Z	-.568	-.568	0	%100
27	M91	X	1.024	1.024	0	%100
28	M91	Z	-.591	-.591	0	%100
29	M28B	X	3.362	3.362	0	%100
30	M28B	Z	-1.941	-1.941	0	%100
31	M29	X	.841	.841	0	%100
32	M29	Z	-.485	-.485	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	2.61	2.61	0	%100
36	M31	Z	-1.507	-1.507	0	%100
37	M32	X	2.61	2.61	0	%100
38	M32	Z	-1.507	-1.507	0	%100
39	M33	X	3.917	3.917	0	%100
40	M33	Z	-2.262	-2.262	0	%100
41	M34	X	.801	.801	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
42	M34	Z	-.462	-.462	0	%100
43	M35	X	.801	.801	0	%100
44	M35	Z	-.462	-.462	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	.984	.984	0	%100
48	M39	Z	-.568	-.568	0	%100
49	M41	X	1.024	1.024	0	%100
50	M41	Z	-.591	-.591	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	.984	.984	0	%100
54	M44	Z	-.568	-.568	0	%100
55	M46A	X	1.024	1.024	0	%100
56	M46A	Z	-.591	-.591	0	%100
57	M54	X	2.381	2.381	0	%100
58	M54	Z	-1.375	-1.375	0	%100
59	M55	X	.652	.652	0	%100
60	M55	Z	-.377	-.377	0	%100
61	M56	X	.652	.652	0	%100
62	M56	Z	-.377	-.377	0	%100
63	M57	X	.979	.979	0	%100
64	M57	Z	-.565	-.565	0	%100
65	M58A	X	.801	.801	0	%100
66	M58A	Z	-.462	-.462	0	%100
67	M59A	X	3.202	3.202	0	%100
68	M59A	Z	-1.849	-1.849	0	%100
69	M62	X	2.912	2.912	0	%100
70	M62	Z	-1.681	-1.681	0	%100
71	M63	X	.984	.984	0	%100
72	M63	Z	-.568	-.568	0	%100
73	M65	X	1.024	1.024	0	%100
74	M65	Z	-.591	-.591	0	%100
75	M67	X	2.912	2.912	0	%100
76	M67	Z	-1.681	-1.681	0	%100
77	M68	X	3.937	3.937	0	%100
78	M68	Z	-2.273	-2.273	0	%100
79	M70	X	4.097	4.097	0	%100
80	M70	Z	-2.365	-2.365	0	%100
81	MP2A	X	2.694	2.694	0	%100
82	MP2A	Z	-1.555	-1.555	0	%100
83	MP3A	X	3.059	3.059	0	%100
84	MP3A	Z	-1.766	-1.766	0	%100
85	MP4A	X	2.694	2.694	0	%100
86	MP4A	Z	-1.555	-1.555	0	%100
87	MP5A	X	2.694	2.694	0	%100
88	MP5A	Z	-1.555	-1.555	0	%100
89	MP1C	X	2.694	2.694	0	%100
90	MP1C	Z	-1.555	-1.555	0	%100
91	MP2C	X	2.694	2.694	0	%100
92	MP2C	Z	-1.555	-1.555	0	%100
93	MP3C	X	3.059	3.059	0	%100
94	MP3C	Z	-1.766	-1.766	0	%100
95	MP4C	X	2.694	2.694	0	%100
96	MP4C	Z	-1.555	-1.555	0	%100
97	MP5C	X	2.694	2.694	0	%100
98	MP5C	Z	-1.555	-1.555	0	%100
99	MP1B	X	2.694	2.694	0	%100
100	MP1B	Z	-1.555	-1.555	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
101	MP2B	X	2.694	2.694	0	%100
102	MP2B	Z	-1.555	-1.555	0	%100
103	MP3B	X	3.059	3.059	0	%100
104	MP3B	Z	-1.766	-1.766	0	%100
105	MP4B	X	2.694	2.694	0	%100
106	MP4B	Z	-1.555	-1.555	0	%100
107	MP5B	X	2.694	2.694	0	%100
108	MP5B	Z	-1.555	-1.555	0	%100
109	M106	X	2.16	2.16	0	%100
110	M106	Z	-1.247	-1.247	0	%100
111	M108	X	2.16	2.16	0	%100
112	M108	Z	-1.247	-1.247	0	%100
113	M110	X	.765	.765	0	%100
114	M110	Z	-.442	-.442	0	%100
115	M116	X	3.059	3.059	0	%100
116	M116	Z	-1.766	-1.766	0	%100
117	M122	X	.765	.765	0	%100
118	M122	Z	-.442	-.442	0	%100
119	M134	X	.75	.75	0	%100
120	M134	Z	-.433	-.433	0	%100
121	M135	X	3.001	3.001	0	%100
122	M135	Z	-1.733	-1.733	0	%100
123	M136	X	.75	.75	0	%100
124	M136	Z	-.433	-.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.666	3.666	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	3.11	3.11	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	2.773	2.773	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	2.773	2.773	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	4.484	4.484	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	3.41	3.41	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	3.548	3.548	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	4.484	4.484	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	3.41	3.41	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	3.548	3.548	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	2.912	2.912	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	2.912	2.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
32	M29	Z	0	0	0	%100
33	M30	X	.916	.916	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	2.26	2.26	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	2.26	2.26	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	3.393	3.393	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	2.773	2.773	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	1.121	1.121	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	3.41	3.41	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	3.548	3.548	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	1.121	1.121	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	.916	.916	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	2.26	2.26	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	2.26	2.26	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	3.393	3.393	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	2.773	2.773	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	1.121	1.121	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	1.121	1.121	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	3.41	3.41	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	3.548	3.548	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	3.11	3.11	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	3.532	3.532	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	3.11	3.11	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	3.11	3.11	0	%100
88	MP5A	Z	0	0	0	%100
89	MP1C	X	3.11	3.11	0	%100
90	MP1C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
91	MP2C	X	3.11	3.11	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	3.532	3.532	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	3.11	3.11	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	3.11	3.11	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	3.11	3.11	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	3.11	3.11	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	3.532	3.532	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	3.11	3.11	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	3.11	3.11	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	2.494	2.494	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	2.494	2.494	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	2.649	2.649	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	2.649	2.649	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	2.599	2.599	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	2.599	2.599	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.841	.841	0	%100
2	M1	Z	.485	.485	0	%100
3	M4	X	2.381	2.381	0	%100
4	M4	Z	1.375	1.375	0	%100
5	M10	X	.652	.652	0	%100
6	M10	Z	.377	.377	0	%100
7	MP1A	X	2.694	2.694	0	%100
8	MP1A	Z	1.555	1.555	0	%100
9	M43	X	.652	.652	0	%100
10	M43	Z	.377	.377	0	%100
11	M46	X	.979	.979	0	%100
12	M46	Z	.565	.565	0	%100
13	M51B	X	.801	.801	0	%100
14	M51B	Z	.462	.462	0	%100
15	M52B	X	3.202	3.202	0	%100
16	M52B	Z	1.849	1.849	0	%100
17	M76	X	2.912	2.912	0	%100
18	M76	Z	1.681	1.681	0	%100
19	M77	X	.984	.984	0	%100
20	M77	Z	.568	.568	0	%100
21	M80	X	1.024	1.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
22	M80	Z	.591	.591	0	%100
23	M84	X	2.912	2.912	0	%100
24	M84	Z	1.681	1.681	0	%100
25	M85	X	3.937	3.937	0	%100
26	M85	Z	2.273	2.273	0	%100
27	M91	X	4.097	4.097	0	%100
28	M91	Z	2.365	2.365	0	%100
29	M28B	X	.841	.841	0	%100
30	M28B	Z	.485	.485	0	%100
31	M29	X	3.362	3.362	0	%100
32	M29	Z	1.941	1.941	0	%100
33	M30	X	2.381	2.381	0	%100
34	M30	Z	1.375	1.375	0	%100
35	M31	X	.652	.652	0	%100
36	M31	Z	.377	.377	0	%100
37	M32	X	.652	.652	0	%100
38	M32	Z	.377	.377	0	%100
39	M33	X	.979	.979	0	%100
40	M33	Z	.565	.565	0	%100
41	M34	X	3.202	3.202	0	%100
42	M34	Z	1.849	1.849	0	%100
43	M35	X	.801	.801	0	%100
44	M35	Z	.462	.462	0	%100
45	M38	X	2.912	2.912	0	%100
46	M38	Z	1.681	1.681	0	%100
47	M39	X	3.937	3.937	0	%100
48	M39	Z	2.273	2.273	0	%100
49	M41	X	4.097	4.097	0	%100
50	M41	Z	2.365	2.365	0	%100
51	M43A	X	2.912	2.912	0	%100
52	M43A	Z	1.681	1.681	0	%100
53	M44	X	.984	.984	0	%100
54	M44	Z	.568	.568	0	%100
55	M46A	X	1.024	1.024	0	%100
56	M46A	Z	.591	.591	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	2.61	2.61	0	%100
60	M55	Z	1.507	1.507	0	%100
61	M56	X	2.61	2.61	0	%100
62	M56	Z	1.507	1.507	0	%100
63	M57	X	3.917	3.917	0	%100
64	M57	Z	2.262	2.262	0	%100
65	M58A	X	.801	.801	0	%100
66	M58A	Z	.462	.462	0	%100
67	M59A	X	.801	.801	0	%100
68	M59A	Z	.462	.462	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	.984	.984	0	%100
72	M63	Z	.568	.568	0	%100
73	M65	X	1.024	1.024	0	%100
74	M65	Z	.591	.591	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	.984	.984	0	%100
78	M68	Z	.568	.568	0	%100
79	M70	X	1.024	1.024	0	%100
80	M70	Z	.591	.591	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
81	MP2A	X	2.694	2.694	0	%100
82	MP2A	Z	1.555	1.555	0	%100
83	MP3A	X	3.059	3.059	0	%100
84	MP3A	Z	1.766	1.766	0	%100
85	MP4A	X	2.694	2.694	0	%100
86	MP4A	Z	1.555	1.555	0	%100
87	MP5A	X	2.694	2.694	0	%100
88	MP5A	Z	1.555	1.555	0	%100
89	MP1C	X	2.694	2.694	0	%100
90	MP1C	Z	1.555	1.555	0	%100
91	MP2C	X	2.694	2.694	0	%100
92	MP2C	Z	1.555	1.555	0	%100
93	MP3C	X	3.059	3.059	0	%100
94	MP3C	Z	1.766	1.766	0	%100
95	MP4C	X	2.694	2.694	0	%100
96	MP4C	Z	1.555	1.555	0	%100
97	MP5C	X	2.694	2.694	0	%100
98	MP5C	Z	1.555	1.555	0	%100
99	MP1B	X	2.694	2.694	0	%100
100	MP1B	Z	1.555	1.555	0	%100
101	MP2B	X	2.694	2.694	0	%100
102	MP2B	Z	1.555	1.555	0	%100
103	MP3B	X	3.059	3.059	0	%100
104	MP3B	Z	1.766	1.766	0	%100
105	MP4B	X	2.694	2.694	0	%100
106	MP4B	Z	1.555	1.555	0	%100
107	MP5B	X	2.694	2.694	0	%100
108	MP5B	Z	1.555	1.555	0	%100
109	M106	X	2.16	2.16	0	%100
110	M106	Z	1.247	1.247	0	%100
111	M108	X	2.16	2.16	0	%100
112	M108	Z	1.247	1.247	0	%100
113	M110	X	.765	.765	0	%100
114	M110	Z	.442	.442	0	%100
115	M116	X	.765	.765	0	%100
116	M116	Z	.442	.442	0	%100
117	M122	X	3.059	3.059	0	%100
118	M122	Z	1.766	1.766	0	%100
119	M134	X	.75	.75	0	%100
120	M134	Z	.433	.433	0	%100
121	M135	X	.75	.75	0	%100
122	M135	Z	.433	.433	0	%100
123	M136	X	3.001	3.001	0	%100
124	M136	Z	1.733	1.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.456	1.456	0	%100
2	M1	Z	2.522	2.522	0	%100
3	M4	X	.458	.458	0	%100
4	M4	Z	.794	.794	0	%100
5	M10	X	1.13	1.13	0	%100
6	M10	Z	1.957	1.957	0	%100
7	MP1A	X	1.555	1.555	0	%100
8	MP1A	Z	2.694	2.694	0	%100
9	M43	X	1.13	1.13	0	%100
10	M43	Z	1.957	1.957	0	%100
11	M46	X	1.696	1.696	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
12	M46	Z	2.938	2.938	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	1.387	1.387	0	%100
16	M52B	Z	2.402	2.402	0	%100
17	M76	X	.56	.56	0	%100
18	M76	Z	.971	.971	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.56	.56	0	%100
24	M84	Z	.971	.971	0	%100
25	M85	X	1.705	1.705	0	%100
26	M85	Z	2.953	2.953	0	%100
27	M91	X	1.774	1.774	0	%100
28	M91	Z	3.072	3.072	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	1.456	1.456	0	%100
32	M29	Z	2.522	2.522	0	%100
33	M30	X	1.833	1.833	0	%100
34	M30	Z	3.175	3.175	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	1.387	1.387	0	%100
42	M34	Z	2.402	2.402	0	%100
43	M35	X	1.387	1.387	0	%100
44	M35	Z	2.402	2.402	0	%100
45	M38	X	2.242	2.242	0	%100
46	M38	Z	3.883	3.883	0	%100
47	M39	X	1.705	1.705	0	%100
48	M39	Z	2.953	2.953	0	%100
49	M41	X	1.774	1.774	0	%100
50	M41	Z	3.072	3.072	0	%100
51	M43A	X	2.242	2.242	0	%100
52	M43A	Z	3.883	3.883	0	%100
53	M44	X	1.705	1.705	0	%100
54	M44	Z	2.953	2.953	0	%100
55	M46A	X	1.774	1.774	0	%100
56	M46A	Z	3.072	3.072	0	%100
57	M54	X	.458	.458	0	%100
58	M54	Z	.794	.794	0	%100
59	M55	X	1.13	1.13	0	%100
60	M55	Z	1.957	1.957	0	%100
61	M56	X	1.13	1.13	0	%100
62	M56	Z	1.957	1.957	0	%100
63	M57	X	1.696	1.696	0	%100
64	M57	Z	2.938	2.938	0	%100
65	M58A	X	1.387	1.387	0	%100
66	M58A	Z	2.402	2.402	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	.56	.56	0	%100
70	M62	Z	.971	.971	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
71	M63	X	1.705	1.705	0	%100
72	M63	Z	2.953	2.953	0	%100
73	M65	X	1.774	1.774	0	%100
74	M65	Z	3.072	3.072	0	%100
75	M67	X	.56	.56	0	%100
76	M67	Z	.971	.971	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	1.555	1.555	0	%100
82	MP2A	Z	2.694	2.694	0	%100
83	MP3A	X	1.766	1.766	0	%100
84	MP3A	Z	3.059	3.059	0	%100
85	MP4A	X	1.555	1.555	0	%100
86	MP4A	Z	2.694	2.694	0	%100
87	MP5A	X	1.555	1.555	0	%100
88	MP5A	Z	2.694	2.694	0	%100
89	MP1C	X	1.555	1.555	0	%100
90	MP1C	Z	2.694	2.694	0	%100
91	MP2C	X	1.555	1.555	0	%100
92	MP2C	Z	2.694	2.694	0	%100
93	MP3C	X	1.766	1.766	0	%100
94	MP3C	Z	3.059	3.059	0	%100
95	MP4C	X	1.555	1.555	0	%100
96	MP4C	Z	2.694	2.694	0	%100
97	MP5C	X	1.555	1.555	0	%100
98	MP5C	Z	2.694	2.694	0	%100
99	MP1B	X	1.555	1.555	0	%100
100	MP1B	Z	2.694	2.694	0	%100
101	MP2B	X	1.555	1.555	0	%100
102	MP2B	Z	2.694	2.694	0	%100
103	MP3B	X	1.766	1.766	0	%100
104	MP3B	Z	3.059	3.059	0	%100
105	MP4B	X	1.555	1.555	0	%100
106	MP4B	Z	2.694	2.694	0	%100
107	MP5B	X	1.555	1.555	0	%100
108	MP5B	Z	2.694	2.694	0	%100
109	M106	X	1.247	1.247	0	%100
110	M106	Z	2.16	2.16	0	%100
111	M108	X	1.247	1.247	0	%100
112	M108	Z	2.16	2.16	0	%100
113	M110	X	1.325	1.325	0	%100
114	M110	Z	2.294	2.294	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	1.325	1.325	0	%100
118	M122	Z	2.294	2.294	0	%100
119	M134	X	1.299	1.299	0	%100
120	M134	Z	2.251	2.251	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	1.299	1.299	0	%100
124	M136	Z	2.251	2.251	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
2	M1	Z	3.883	3.883	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	3.014	3.014	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	3.11	3.11	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	3.014	3.014	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	4.523	4.523	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	.924	.924	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	.924	.924	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	1.137	1.137	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	1.183	1.183	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	1.137	1.137	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	1.183	1.183	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	.971	.971	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	.971	.971	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	2.749	2.749	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	.753	.753	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	.753	.753	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	1.131	1.131	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	.924	.924	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	3.698	3.698	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	3.363	3.363	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	1.137	1.137	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	1.183	1.183	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	3.363	3.363	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	4.546	4.546	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	4.73	4.73	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	2.749	2.749	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.753	.753	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
61	M56	X	0	0	0	%100
62	M56	Z	.753	.753	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	1.131	1.131	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	3.698	3.698	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	.924	.924	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	3.363	3.363	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	4.546	4.546	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	4.73	4.73	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	3.363	3.363	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	1.137	1.137	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	1.183	1.183	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	3.11	3.11	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	3.532	3.532	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	3.11	3.11	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	3.11	3.11	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	3.11	3.11	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	3.11	3.11	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	3.532	3.532	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	3.11	3.11	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	3.11	3.11	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	3.11	3.11	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	3.11	3.11	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	3.532	3.532	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	3.11	3.11	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	3.11	3.11	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	2.494	2.494	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	2.494	2.494	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	3.532	3.532	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	.883	.883	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	.883	.883	0	%100
119	M134	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
120	M134	Z	3.465	3.465	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	.866	.866	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	.866	.866	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-1.456	-1.456	0	%100
2	M1	Z	2.522	2.522	0	%100
3	M4	X	-.458	-.458	0	%100
4	M4	Z	.794	.794	0	%100
5	M10	X	-1.13	-1.13	0	%100
6	M10	Z	1.957	1.957	0	%100
7	MP1A	X	-1.555	-1.555	0	%100
8	MP1A	Z	2.694	2.694	0	%100
9	M43	X	-1.13	-1.13	0	%100
10	M43	Z	1.957	1.957	0	%100
11	M46	X	-1.696	-1.696	0	%100
12	M46	Z	2.938	2.938	0	%100
13	M51B	X	-1.387	-1.387	0	%100
14	M51B	Z	2.402	2.402	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.56	-.56	0	%100
18	M76	Z	.971	.971	0	%100
19	M77	X	-1.705	-1.705	0	%100
20	M77	Z	2.953	2.953	0	%100
21	M80	X	-1.774	-1.774	0	%100
22	M80	Z	3.072	3.072	0	%100
23	M84	X	-.56	-.56	0	%100
24	M84	Z	.971	.971	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-1.456	-1.456	0	%100
30	M28B	Z	2.522	2.522	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.458	-.458	0	%100
34	M30	Z	.794	.794	0	%100
35	M31	X	-1.13	-1.13	0	%100
36	M31	Z	1.957	1.957	0	%100
37	M32	X	-1.13	-1.13	0	%100
38	M32	Z	1.957	1.957	0	%100
39	M33	X	-1.696	-1.696	0	%100
40	M33	Z	2.938	2.938	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	-1.387	-1.387	0	%100
44	M35	Z	2.402	2.402	0	%100
45	M38	X	-.56	-.56	0	%100
46	M38	Z	.971	.971	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
51	M43A	X	-56	-56	0	%100
52	M43A	Z	.971	.971	0	%100
53	M44	X	-1.705	-1.705	0	%100
54	M44	Z	2.953	2.953	0	%100
55	M46A	X	-1.774	-1.774	0	%100
56	M46A	Z	3.072	3.072	0	%100
57	M54	X	-1.833	-1.833	0	%100
58	M54	Z	3.175	3.175	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	-1.387	-1.387	0	%100
66	M58A	Z	2.402	2.402	0	%100
67	M59A	X	-1.387	-1.387	0	%100
68	M59A	Z	2.402	2.402	0	%100
69	M62	X	-2.242	-2.242	0	%100
70	M62	Z	3.883	3.883	0	%100
71	M63	X	-1.705	-1.705	0	%100
72	M63	Z	2.953	2.953	0	%100
73	M65	X	-1.774	-1.774	0	%100
74	M65	Z	3.072	3.072	0	%100
75	M67	X	-2.242	-2.242	0	%100
76	M67	Z	3.883	3.883	0	%100
77	M68	X	-1.705	-1.705	0	%100
78	M68	Z	2.953	2.953	0	%100
79	M70	X	-1.774	-1.774	0	%100
80	M70	Z	3.072	3.072	0	%100
81	MP2A	X	-1.555	-1.555	0	%100
82	MP2A	Z	2.694	2.694	0	%100
83	MP3A	X	-1.766	-1.766	0	%100
84	MP3A	Z	3.059	3.059	0	%100
85	MP4A	X	-1.555	-1.555	0	%100
86	MP4A	Z	2.694	2.694	0	%100
87	MP5A	X	-1.555	-1.555	0	%100
88	MP5A	Z	2.694	2.694	0	%100
89	MP1C	X	-1.555	-1.555	0	%100
90	MP1C	Z	2.694	2.694	0	%100
91	MP2C	X	-1.555	-1.555	0	%100
92	MP2C	Z	2.694	2.694	0	%100
93	MP3C	X	-1.766	-1.766	0	%100
94	MP3C	Z	3.059	3.059	0	%100
95	MP4C	X	-1.555	-1.555	0	%100
96	MP4C	Z	2.694	2.694	0	%100
97	MP5C	X	-1.555	-1.555	0	%100
98	MP5C	Z	2.694	2.694	0	%100
99	MP1B	X	-1.555	-1.555	0	%100
100	MP1B	Z	2.694	2.694	0	%100
101	MP2B	X	-1.555	-1.555	0	%100
102	MP2B	Z	2.694	2.694	0	%100
103	MP3B	X	-1.766	-1.766	0	%100
104	MP3B	Z	3.059	3.059	0	%100
105	MP4B	X	-1.555	-1.555	0	%100
106	MP4B	Z	2.694	2.694	0	%100
107	MP5B	X	-1.555	-1.555	0	%100
108	MP5B	Z	2.694	2.694	0	%100
109	M106	X	-1.247	-1.247	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
110	M106	Z	2.16	2.16	0	%100
111	M108	X	-1.247	-1.247	0	%100
112	M108	Z	2.16	2.16	0	%100
113	M110	X	-1.325	-1.325	0	%100
114	M110	Z	2.294	2.294	0	%100
115	M116	X	-1.325	-1.325	0	%100
116	M116	Z	2.294	2.294	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	-1.299	-1.299	0	%100
120	M134	Z	2.251	2.251	0	%100
121	M135	X	-1.299	-1.299	0	%100
122	M135	Z	2.251	2.251	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.841	-.841	0	%100
2	M1	Z	.485	.485	0	%100
3	M4	X	-2.381	-2.381	0	%100
4	M4	Z	1.375	1.375	0	%100
5	M10	X	-.652	-.652	0	%100
6	M10	Z	.377	.377	0	%100
7	MP1A	X	-2.694	-2.694	0	%100
8	MP1A	Z	1.555	1.555	0	%100
9	M43	X	-.652	-.652	0	%100
10	M43	Z	.377	.377	0	%100
11	M46	X	-.979	-.979	0	%100
12	M46	Z	.565	.565	0	%100
13	M51B	X	-3.202	-3.202	0	%100
14	M51B	Z	1.849	1.849	0	%100
15	M52B	X	-.801	-.801	0	%100
16	M52B	Z	.462	.462	0	%100
17	M76	X	-2.912	-2.912	0	%100
18	M76	Z	1.681	1.681	0	%100
19	M77	X	-3.937	-3.937	0	%100
20	M77	Z	2.273	2.273	0	%100
21	M80	X	-4.097	-4.097	0	%100
22	M80	Z	2.365	2.365	0	%100
23	M84	X	-2.912	-2.912	0	%100
24	M84	Z	1.681	1.681	0	%100
25	M85	X	-.984	-.984	0	%100
26	M85	Z	.568	.568	0	%100
27	M91	X	-1.024	-1.024	0	%100
28	M91	Z	.591	.591	0	%100
29	M28B	X	-3.362	-3.362	0	%100
30	M28B	Z	1.941	1.941	0	%100
31	M29	X	-.841	-.841	0	%100
32	M29	Z	.485	.485	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-2.61	-2.61	0	%100
36	M31	Z	1.507	1.507	0	%100
37	M32	X	-2.61	-2.61	0	%100
38	M32	Z	1.507	1.507	0	%100
39	M33	X	-3.917	-3.917	0	%100
40	M33	Z	2.262	2.262	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
41	M34	X	-.801	-.801	0	%100
42	M34	Z	.462	.462	0	%100
43	M35	X	-.801	-.801	0	%100
44	M35	Z	.462	.462	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-.984	-.984	0	%100
48	M39	Z	.568	.568	0	%100
49	M41	X	-1.024	-1.024	0	%100
50	M41	Z	.591	.591	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	-.984	-.984	0	%100
54	M44	Z	.568	.568	0	%100
55	M46A	X	-1.024	-1.024	0	%100
56	M46A	Z	.591	.591	0	%100
57	M54	X	-2.381	-2.381	0	%100
58	M54	Z	1.375	1.375	0	%100
59	M55	X	-.652	-.652	0	%100
60	M55	Z	.377	.377	0	%100
61	M56	X	-.652	-.652	0	%100
62	M56	Z	.377	.377	0	%100
63	M57	X	-.979	-.979	0	%100
64	M57	Z	.565	.565	0	%100
65	M58A	X	-.801	-.801	0	%100
66	M58A	Z	.462	.462	0	%100
67	M59A	X	-3.202	-3.202	0	%100
68	M59A	Z	1.849	1.849	0	%100
69	M62	X	-2.912	-2.912	0	%100
70	M62	Z	1.681	1.681	0	%100
71	M63	X	-.984	-.984	0	%100
72	M63	Z	.568	.568	0	%100
73	M65	X	-1.024	-1.024	0	%100
74	M65	Z	.591	.591	0	%100
75	M67	X	-2.912	-2.912	0	%100
76	M67	Z	1.681	1.681	0	%100
77	M68	X	-3.937	-3.937	0	%100
78	M68	Z	2.273	2.273	0	%100
79	M70	X	-4.097	-4.097	0	%100
80	M70	Z	2.365	2.365	0	%100
81	MP2A	X	-2.694	-2.694	0	%100
82	MP2A	Z	1.555	1.555	0	%100
83	MP3A	X	-3.059	-3.059	0	%100
84	MP3A	Z	1.766	1.766	0	%100
85	MP4A	X	-2.694	-2.694	0	%100
86	MP4A	Z	1.555	1.555	0	%100
87	MP5A	X	-2.694	-2.694	0	%100
88	MP5A	Z	1.555	1.555	0	%100
89	MP1C	X	-2.694	-2.694	0	%100
90	MP1C	Z	1.555	1.555	0	%100
91	MP2C	X	-2.694	-2.694	0	%100
92	MP2C	Z	1.555	1.555	0	%100
93	MP3C	X	-3.059	-3.059	0	%100
94	MP3C	Z	1.766	1.766	0	%100
95	MP4C	X	-2.694	-2.694	0	%100
96	MP4C	Z	1.555	1.555	0	%100
97	MP5C	X	-2.694	-2.694	0	%100
98	MP5C	Z	1.555	1.555	0	%100
99	MP1B	X	-2.694	-2.694	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
100	MP1B	Z	1.555	1.555	0	%100
101	MP2B	X	-2.694	-2.694	0	%100
102	MP2B	Z	1.555	1.555	0	%100
103	MP3B	X	-3.059	-3.059	0	%100
104	MP3B	Z	1.766	1.766	0	%100
105	MP4B	X	-2.694	-2.694	0	%100
106	MP4B	Z	1.555	1.555	0	%100
107	MP5B	X	-2.694	-2.694	0	%100
108	MP5B	Z	1.555	1.555	0	%100
109	M106	X	-2.16	-2.16	0	%100
110	M106	Z	1.247	1.247	0	%100
111	M108	X	-2.16	-2.16	0	%100
112	M108	Z	1.247	1.247	0	%100
113	M110	X	-.765	-.765	0	%100
114	M110	Z	.442	.442	0	%100
115	M116	X	-3.059	-3.059	0	%100
116	M116	Z	1.766	1.766	0	%100
117	M122	X	-.765	-.765	0	%100
118	M122	Z	.442	.442	0	%100
119	M134	X	-.75	-.75	0	%100
120	M134	Z	.433	.433	0	%100
121	M135	X	-3.001	-3.001	0	%100
122	M135	Z	1.733	1.733	0	%100
123	M136	X	-.75	-.75	0	%100
124	M136	Z	.433	.433	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.666	-3.666	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-3.11	-3.11	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-2.773	-2.773	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-2.773	-2.773	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-4.484	-4.484	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-3.41	-3.41	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-3.548	-3.548	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-4.484	-4.484	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-3.41	-3.41	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-3.548	-3.548	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-2.912	-2.912	0	%100
30	M28B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
31	M29	X	-2.912	-2.912	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.916	-.916	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-2.26	-2.26	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-2.26	-2.26	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	-3.393	-3.393	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-2.773	-2.773	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	-1.121	-1.121	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-3.41	-3.41	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	-3.548	-3.548	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-1.121	-1.121	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	-.916	-.916	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-2.26	-2.26	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	-2.26	-2.26	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	-3.393	-3.393	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	-2.773	-2.773	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-1.121	-1.121	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	-1.121	-1.121	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-3.41	-3.41	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	-3.548	-3.548	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-3.11	-3.11	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-3.532	-3.532	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-3.11	-3.11	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	-3.11	-3.11	0	%100
88	MP5A	Z	0	0	0	%100
89	MP1C	X	-3.11	-3.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-3.11	-3.11	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-3.532	-3.532	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-3.11	-3.11	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	-3.11	-3.11	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	-3.11	-3.11	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-3.11	-3.11	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-3.532	-3.532	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	-3.11	-3.11	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	-3.11	-3.11	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	-2.494	-2.494	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	-2.494	-2.494	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	-2.649	-2.649	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-2.649	-2.649	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	-2.599	-2.599	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-2.599	-2.599	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.841	-.841	0	%100
2	M1	Z	-.485	-.485	0	%100
3	M4	X	-2.381	-2.381	0	%100
4	M4	Z	-1.375	-1.375	0	%100
5	M10	X	-.652	-.652	0	%100
6	M10	Z	-.377	-.377	0	%100
7	MP1A	X	-2.694	-2.694	0	%100
8	MP1A	Z	-1.555	-1.555	0	%100
9	M43	X	-.652	-.652	0	%100
10	M43	Z	-.377	-.377	0	%100
11	M46	X	-.979	-.979	0	%100
12	M46	Z	-.565	-.565	0	%100
13	M51B	X	-.801	-.801	0	%100
14	M51B	Z	-.462	-.462	0	%100
15	M52B	X	-3.202	-3.202	0	%100
16	M52B	Z	-1.849	-1.849	0	%100
17	M76	X	-2.912	-2.912	0	%100
18	M76	Z	-1.681	-1.681	0	%100
19	M77	X	-.984	-.984	0	%100
20	M77	Z	-.568	-.568	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
21	M80	X	-1.024	-1.024	0	%100
22	M80	Z	-.591	-.591	0	%100
23	M84	X	-2.912	-2.912	0	%100
24	M84	Z	-1.681	-1.681	0	%100
25	M85	X	-3.937	-3.937	0	%100
26	M85	Z	-2.273	-2.273	0	%100
27	M91	X	-4.097	-4.097	0	%100
28	M91	Z	-2.365	-2.365	0	%100
29	M28B	X	-.841	-.841	0	%100
30	M28B	Z	-.485	-.485	0	%100
31	M29	X	-3.362	-3.362	0	%100
32	M29	Z	-1.941	-1.941	0	%100
33	M30	X	-2.381	-2.381	0	%100
34	M30	Z	-1.375	-1.375	0	%100
35	M31	X	-.652	-.652	0	%100
36	M31	Z	-.377	-.377	0	%100
37	M32	X	-.652	-.652	0	%100
38	M32	Z	-.377	-.377	0	%100
39	M33	X	-.979	-.979	0	%100
40	M33	Z	-.565	-.565	0	%100
41	M34	X	-3.202	-3.202	0	%100
42	M34	Z	-1.849	-1.849	0	%100
43	M35	X	-.801	-.801	0	%100
44	M35	Z	-.462	-.462	0	%100
45	M38	X	-2.912	-2.912	0	%100
46	M38	Z	-1.681	-1.681	0	%100
47	M39	X	-3.937	-3.937	0	%100
48	M39	Z	-2.273	-2.273	0	%100
49	M41	X	-4.097	-4.097	0	%100
50	M41	Z	-2.365	-2.365	0	%100
51	M43A	X	-2.912	-2.912	0	%100
52	M43A	Z	-1.681	-1.681	0	%100
53	M44	X	-.984	-.984	0	%100
54	M44	Z	-.568	-.568	0	%100
55	M46A	X	-1.024	-1.024	0	%100
56	M46A	Z	-.591	-.591	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-2.61	-2.61	0	%100
60	M55	Z	-1.507	-1.507	0	%100
61	M56	X	-2.61	-2.61	0	%100
62	M56	Z	-1.507	-1.507	0	%100
63	M57	X	-3.917	-3.917	0	%100
64	M57	Z	-2.262	-2.262	0	%100
65	M58A	X	-.801	-.801	0	%100
66	M58A	Z	-.462	-.462	0	%100
67	M59A	X	-.801	-.801	0	%100
68	M59A	Z	-.462	-.462	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	-.984	-.984	0	%100
72	M63	Z	-.568	-.568	0	%100
73	M65	X	-1.024	-1.024	0	%100
74	M65	Z	-.591	-.591	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-.984	-.984	0	%100
78	M68	Z	-.568	-.568	0	%100
79	M70	X	-1.024	-1.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
80	M70	Z	-0.591	-0.591	0	%100
81	MP2A	X	-2.694	-2.694	0	%100
82	MP2A	Z	-1.555	-1.555	0	%100
83	MP3A	X	-3.059	-3.059	0	%100
84	MP3A	Z	-1.766	-1.766	0	%100
85	MP4A	X	-2.694	-2.694	0	%100
86	MP4A	Z	-1.555	-1.555	0	%100
87	MP5A	X	-2.694	-2.694	0	%100
88	MP5A	Z	-1.555	-1.555	0	%100
89	MP1C	X	-2.694	-2.694	0	%100
90	MP1C	Z	-1.555	-1.555	0	%100
91	MP2C	X	-2.694	-2.694	0	%100
92	MP2C	Z	-1.555	-1.555	0	%100
93	MP3C	X	-3.059	-3.059	0	%100
94	MP3C	Z	-1.766	-1.766	0	%100
95	MP4C	X	-2.694	-2.694	0	%100
96	MP4C	Z	-1.555	-1.555	0	%100
97	MP5C	X	-2.694	-2.694	0	%100
98	MP5C	Z	-1.555	-1.555	0	%100
99	MP1B	X	-2.694	-2.694	0	%100
100	MP1B	Z	-1.555	-1.555	0	%100
101	MP2B	X	-2.694	-2.694	0	%100
102	MP2B	Z	-1.555	-1.555	0	%100
103	MP3B	X	-3.059	-3.059	0	%100
104	MP3B	Z	-1.766	-1.766	0	%100
105	MP4B	X	-2.694	-2.694	0	%100
106	MP4B	Z	-1.555	-1.555	0	%100
107	MP5B	X	-2.694	-2.694	0	%100
108	MP5B	Z	-1.555	-1.555	0	%100
109	M106	X	-2.16	-2.16	0	%100
110	M106	Z	-1.247	-1.247	0	%100
111	M108	X	-2.16	-2.16	0	%100
112	M108	Z	-1.247	-1.247	0	%100
113	M110	X	-0.765	-0.765	0	%100
114	M110	Z	-0.442	-0.442	0	%100
115	M116	X	-0.765	-0.765	0	%100
116	M116	Z	-0.442	-0.442	0	%100
117	M122	X	-3.059	-3.059	0	%100
118	M122	Z	-1.766	-1.766	0	%100
119	M134	X	-0.75	-0.75	0	%100
120	M134	Z	-0.433	-0.433	0	%100
121	M135	X	-0.75	-0.75	0	%100
122	M135	Z	-0.433	-0.433	0	%100
123	M136	X	-3.001	-3.001	0	%100
124	M136	Z	-1.733	-1.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-1.456	-1.456	0	%100
2	M1	Z	-2.522	-2.522	0	%100
3	M4	X	-0.458	-0.458	0	%100
4	M4	Z	-0.794	-0.794	0	%100
5	M10	X	-1.13	-1.13	0	%100
6	M10	Z	-1.957	-1.957	0	%100
7	MP1A	X	-1.555	-1.555	0	%100
8	MP1A	Z	-2.694	-2.694	0	%100
9	M43	X	-1.13	-1.13	0	%100
10	M43	Z	-1.957	-1.957	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
11	M46	X	-1.696	-1.696	0	%100
12	M46	Z	-2.938	-2.938	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-1.387	-1.387	0	%100
16	M52B	Z	-2.402	-2.402	0	%100
17	M76	X	-.56	-.56	0	%100
18	M76	Z	-.971	-.971	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.56	-.56	0	%100
24	M84	Z	-.971	-.971	0	%100
25	M85	X	-1.705	-1.705	0	%100
26	M85	Z	-2.953	-2.953	0	%100
27	M91	X	-1.774	-1.774	0	%100
28	M91	Z	-3.072	-3.072	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-1.456	-1.456	0	%100
32	M29	Z	-2.522	-2.522	0	%100
33	M30	X	-1.833	-1.833	0	%100
34	M30	Z	-3.175	-3.175	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-1.387	-1.387	0	%100
42	M34	Z	-2.402	-2.402	0	%100
43	M35	X	-1.387	-1.387	0	%100
44	M35	Z	-2.402	-2.402	0	%100
45	M38	X	-2.242	-2.242	0	%100
46	M38	Z	-3.883	-3.883	0	%100
47	M39	X	-1.705	-1.705	0	%100
48	M39	Z	-2.953	-2.953	0	%100
49	M41	X	-1.774	-1.774	0	%100
50	M41	Z	-3.072	-3.072	0	%100
51	M43A	X	-2.242	-2.242	0	%100
52	M43A	Z	-3.883	-3.883	0	%100
53	M44	X	-1.705	-1.705	0	%100
54	M44	Z	-2.953	-2.953	0	%100
55	M46A	X	-1.774	-1.774	0	%100
56	M46A	Z	-3.072	-3.072	0	%100
57	M54	X	-.458	-.458	0	%100
58	M54	Z	-.794	-.794	0	%100
59	M55	X	-1.13	-1.13	0	%100
60	M55	Z	-1.957	-1.957	0	%100
61	M56	X	-1.13	-1.13	0	%100
62	M56	Z	-1.957	-1.957	0	%100
63	M57	X	-1.696	-1.696	0	%100
64	M57	Z	-2.938	-2.938	0	%100
65	M58A	X	-1.387	-1.387	0	%100
66	M58A	Z	-2.402	-2.402	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-.56	-.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
70	M62	Z	-0.971	-0.971	0	%100
71	M63	X	-1.705	-1.705	0	%100
72	M63	Z	-2.953	-2.953	0	%100
73	M65	X	-1.774	-1.774	0	%100
74	M65	Z	-3.072	-3.072	0	%100
75	M67	X	-0.56	-0.56	0	%100
76	M67	Z	-0.971	-0.971	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-1.555	-1.555	0	%100
82	MP2A	Z	-2.694	-2.694	0	%100
83	MP3A	X	-1.766	-1.766	0	%100
84	MP3A	Z	-3.059	-3.059	0	%100
85	MP4A	X	-1.555	-1.555	0	%100
86	MP4A	Z	-2.694	-2.694	0	%100
87	MP5A	X	-1.555	-1.555	0	%100
88	MP5A	Z	-2.694	-2.694	0	%100
89	MP1C	X	-1.555	-1.555	0	%100
90	MP1C	Z	-2.694	-2.694	0	%100
91	MP2C	X	-1.555	-1.555	0	%100
92	MP2C	Z	-2.694	-2.694	0	%100
93	MP3C	X	-1.766	-1.766	0	%100
94	MP3C	Z	-3.059	-3.059	0	%100
95	MP4C	X	-1.555	-1.555	0	%100
96	MP4C	Z	-2.694	-2.694	0	%100
97	MP5C	X	-1.555	-1.555	0	%100
98	MP5C	Z	-2.694	-2.694	0	%100
99	MP1B	X	-1.555	-1.555	0	%100
100	MP1B	Z	-2.694	-2.694	0	%100
101	MP2B	X	-1.555	-1.555	0	%100
102	MP2B	Z	-2.694	-2.694	0	%100
103	MP3B	X	-1.766	-1.766	0	%100
104	MP3B	Z	-3.059	-3.059	0	%100
105	MP4B	X	-1.555	-1.555	0	%100
106	MP4B	Z	-2.694	-2.694	0	%100
107	MP5B	X	-1.555	-1.555	0	%100
108	MP5B	Z	-2.694	-2.694	0	%100
109	M106	X	-1.247	-1.247	0	%100
110	M106	Z	-2.16	-2.16	0	%100
111	M108	X	-1.247	-1.247	0	%100
112	M108	Z	-2.16	-2.16	0	%100
113	M110	X	-1.325	-1.325	0	%100
114	M110	Z	-2.294	-2.294	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-1.325	-1.325	0	%100
118	M122	Z	-2.294	-2.294	0	%100
119	M134	X	-1.299	-1.299	0	%100
120	M134	Z	-2.251	-2.251	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-1.299	-1.299	0	%100
124	M136	Z	-2.251	-2.251	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
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Member Distributed Loads (BLC 65 : Structure Wm (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	-.706	-.706	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.607	-.607	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.479	-.479	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-.607	-.607	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-1.211	-1.211	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-.193	-.193	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-.193	-.193	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-.308	-.308	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-.325	-.325	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-.308	-.308	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-.325	-.325	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	-.177	-.177	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-.177	-.177	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	-.537	-.537	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	-.152	-.152	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	-.152	-.152	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	-.303	-.303	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	-.193	-.193	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	-.772	-.772	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	-.908	-.908	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	-.308	-.308	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	-.325	-.325	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	-.908	-.908	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	-1.233	-1.233	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	-1.299	-1.299	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-.537	-.537	0	%100
59	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M55	Z	-.152	-.152	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	-.152	-.152	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	-.303	-.303	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	-.772	-.772	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	-.193	-.193	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-.908	-.908	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-1.233	-1.233	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	-1.299	-1.299	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	-.908	-.908	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	-.308	-.308	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	-.325	-.325	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-.479	-.479	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-.58	-.58	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-.479	-.479	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	-.479	-.479	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-.479	-.479	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-.479	-.479	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-.58	-.58	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-.479	-.479	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	-.479	-.479	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-.479	-.479	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-.479	-.479	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-.58	-.58	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	-.479	-.479	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	-.479	-.479	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	-.392	-.392	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	-.392	-.392	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	-.58	-.58	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	-.145	-.145	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	-.145	-.145	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
119	M134	X	0	0	0	%100
120	M134	Z	-.761	-.761	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	-.19	-.19	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	-.19	-.19	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.265	.265	0	%100
2	M1	Z	-.459	-.459	0	%100
3	M4	X	.09	.09	0	%100
4	M4	Z	-.155	-.155	0	%100
5	M10	X	.228	.228	0	%100
6	M10	Z	-.394	-.394	0	%100
7	MP1A	X	.24	.24	0	%100
8	MP1A	Z	-.415	-.415	0	%100
9	M43	X	.228	.228	0	%100
10	M43	Z	-.394	-.394	0	%100
11	M46	X	.454	.454	0	%100
12	M46	Z	-.786	-.786	0	%100
13	M51B	X	.29	.29	0	%100
14	M51B	Z	-.501	-.501	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	.151	.151	0	%100
18	M76	Z	-.262	-.262	0	%100
19	M77	X	.462	.462	0	%100
20	M77	Z	-.801	-.801	0	%100
21	M80	X	.487	.487	0	%100
22	M80	Z	-.844	-.844	0	%100
23	M84	X	.151	.151	0	%100
24	M84	Z	-.262	-.262	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	.265	.265	0	%100
30	M28B	Z	-.459	-.459	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.09	.09	0	%100
34	M30	Z	-.155	-.155	0	%100
35	M31	X	.228	.228	0	%100
36	M31	Z	-.394	-.394	0	%100
37	M32	X	.228	.228	0	%100
38	M32	Z	-.394	-.394	0	%100
39	M33	X	.454	.454	0	%100
40	M33	Z	-.786	-.786	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	.29	.29	0	%100
44	M35	Z	-.501	-.501	0	%100
45	M38	X	.151	.151	0	%100
46	M38	Z	-.262	-.262	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	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....]	Start Location[ft.%]	End Location[ft.%]
50	M41	Z	0	0	0	%100
51	M43A	X	.151	.151	0	%100
52	M43A	Z	-.262	-.262	0	%100
53	M44	X	.462	.462	0	%100
54	M44	Z	-.801	-.801	0	%100
55	M46A	X	.487	.487	0	%100
56	M46A	Z	-.844	-.844	0	%100
57	M54	X	.358	.358	0	%100
58	M54	Z	-.621	-.621	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	.29	.29	0	%100
66	M58A	Z	-.501	-.501	0	%100
67	M59A	X	.29	.29	0	%100
68	M59A	Z	-.501	-.501	0	%100
69	M62	X	.605	.605	0	%100
70	M62	Z	-1.049	-1.049	0	%100
71	M63	X	.462	.462	0	%100
72	M63	Z	-.801	-.801	0	%100
73	M65	X	.487	.487	0	%100
74	M65	Z	-.844	-.844	0	%100
75	M67	X	.605	.605	0	%100
76	M67	Z	-1.049	-1.049	0	%100
77	M68	X	.462	.462	0	%100
78	M68	Z	-.801	-.801	0	%100
79	M70	X	.487	.487	0	%100
80	M70	Z	-.844	-.844	0	%100
81	MP2A	X	.24	.24	0	%100
82	MP2A	Z	-.415	-.415	0	%100
83	MP3A	X	.29	.29	0	%100
84	MP3A	Z	-.502	-.502	0	%100
85	MP4A	X	.24	.24	0	%100
86	MP4A	Z	-.415	-.415	0	%100
87	MP5A	X	.24	.24	0	%100
88	MP5A	Z	-.415	-.415	0	%100
89	MP1C	X	.24	.24	0	%100
90	MP1C	Z	-.415	-.415	0	%100
91	MP2C	X	.24	.24	0	%100
92	MP2C	Z	-.415	-.415	0	%100
93	MP3C	X	.29	.29	0	%100
94	MP3C	Z	-.502	-.502	0	%100
95	MP4C	X	.24	.24	0	%100
96	MP4C	Z	-.415	-.415	0	%100
97	MP5C	X	.24	.24	0	%100
98	MP5C	Z	-.415	-.415	0	%100
99	MP1B	X	.24	.24	0	%100
100	MP1B	Z	-.415	-.415	0	%100
101	MP2B	X	.24	.24	0	%100
102	MP2B	Z	-.415	-.415	0	%100
103	MP3B	X	.29	.29	0	%100
104	MP3B	Z	-.502	-.502	0	%100
105	MP4B	X	.24	.24	0	%100
106	MP4B	Z	-.415	-.415	0	%100
107	MP5B	X	.24	.24	0	%100
108	MP5B	Z	-.415	-.415	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
109	M106	X	.196	.196	0	%100
110	M106	Z	-.339	-.339	0	%100
111	M108	X	.196	.196	0	%100
112	M108	Z	-.339	-.339	0	%100
113	M110	X	.218	.218	0	%100
114	M110	Z	-.377	-.377	0	%100
115	M116	X	.218	.218	0	%100
116	M116	Z	-.377	-.377	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	.285	.285	0	%100
120	M134	Z	-.494	-.494	0	%100
121	M135	X	.285	.285	0	%100
122	M135	Z	-.494	-.494	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.153	.153	0	%100
2	M1	Z	-.088	-.088	0	%100
3	M4	X	.465	.465	0	%100
4	M4	Z	-.269	-.269	0	%100
5	M10	X	.131	.131	0	%100
6	M10	Z	-.076	-.076	0	%100
7	MP1A	X	.415	.415	0	%100
8	MP1A	Z	-.24	-.24	0	%100
9	M43	X	.131	.131	0	%100
10	M43	Z	-.076	-.076	0	%100
11	M46	X	.262	.262	0	%100
12	M46	Z	-.151	-.151	0	%100
13	M51B	X	.669	.669	0	%100
14	M51B	Z	-.386	-.386	0	%100
15	M52B	X	.167	.167	0	%100
16	M52B	Z	-.097	-.097	0	%100
17	M76	X	.786	.786	0	%100
18	M76	Z	-.454	-.454	0	%100
19	M77	X	1.068	1.068	0	%100
20	M77	Z	-.617	-.617	0	%100
21	M80	X	1.125	1.125	0	%100
22	M80	Z	-.649	-.649	0	%100
23	M84	X	.786	.786	0	%100
24	M84	Z	-.454	-.454	0	%100
25	M85	X	.267	.267	0	%100
26	M85	Z	-.154	-.154	0	%100
27	M91	X	.281	.281	0	%100
28	M91	Z	-.162	-.162	0	%100
29	M28B	X	.612	.612	0	%100
30	M28B	Z	-.353	-.353	0	%100
31	M29	X	.153	.153	0	%100
32	M29	Z	-.088	-.088	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	.526	.526	0	%100
36	M31	Z	-.304	-.304	0	%100
37	M32	X	.526	.526	0	%100
38	M32	Z	-.304	-.304	0	%100
39	M33	X	1.049	1.049	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
40	M33	Z	-.605	-.605	0	%100
41	M34	X	.167	.167	0	%100
42	M34	Z	-.097	-.097	0	%100
43	M35	X	.167	.167	0	%100
44	M35	Z	-.097	-.097	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	.267	.267	0	%100
48	M39	Z	-.154	-.154	0	%100
49	M41	X	.281	.281	0	%100
50	M41	Z	-.162	-.162	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	.267	.267	0	%100
54	M44	Z	-.154	-.154	0	%100
55	M46A	X	.281	.281	0	%100
56	M46A	Z	-.162	-.162	0	%100
57	M54	X	.465	.465	0	%100
58	M54	Z	-.269	-.269	0	%100
59	M55	X	.131	.131	0	%100
60	M55	Z	-.076	-.076	0	%100
61	M56	X	.131	.131	0	%100
62	M56	Z	-.076	-.076	0	%100
63	M57	X	.262	.262	0	%100
64	M57	Z	-.151	-.151	0	%100
65	M58A	X	.167	.167	0	%100
66	M58A	Z	-.097	-.097	0	%100
67	M59A	X	.669	.669	0	%100
68	M59A	Z	-.386	-.386	0	%100
69	M62	X	.786	.786	0	%100
70	M62	Z	-.454	-.454	0	%100
71	M63	X	.267	.267	0	%100
72	M63	Z	-.154	-.154	0	%100
73	M65	X	.281	.281	0	%100
74	M65	Z	-.162	-.162	0	%100
75	M67	X	.786	.786	0	%100
76	M67	Z	-.454	-.454	0	%100
77	M68	X	1.068	1.068	0	%100
78	M68	Z	-.617	-.617	0	%100
79	M70	X	1.125	1.125	0	%100
80	M70	Z	-.649	-.649	0	%100
81	MP2A	X	.415	.415	0	%100
82	MP2A	Z	-.24	-.24	0	%100
83	MP3A	X	.502	.502	0	%100
84	MP3A	Z	-.29	-.29	0	%100
85	MP4A	X	.415	.415	0	%100
86	MP4A	Z	-.24	-.24	0	%100
87	MP5A	X	.415	.415	0	%100
88	MP5A	Z	-.24	-.24	0	%100
89	MP1C	X	.415	.415	0	%100
90	MP1C	Z	-.24	-.24	0	%100
91	MP2C	X	.415	.415	0	%100
92	MP2C	Z	-.24	-.24	0	%100
93	MP3C	X	.502	.502	0	%100
94	MP3C	Z	-.29	-.29	0	%100
95	MP4C	X	.415	.415	0	%100
96	MP4C	Z	-.24	-.24	0	%100
97	MP5C	X	.415	.415	0	%100
98	MP5C	Z	-.24	-.24	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
99	MP1B	X	.415	.415	0	%100
100	MP1B	Z	-.24	-.24	0	%100
101	MP2B	X	.415	.415	0	%100
102	MP2B	Z	-.24	-.24	0	%100
103	MP3B	X	.502	.502	0	%100
104	MP3B	Z	-.29	-.29	0	%100
105	MP4B	X	.415	.415	0	%100
106	MP4B	Z	-.24	-.24	0	%100
107	MP5B	X	.415	.415	0	%100
108	MP5B	Z	-.24	-.24	0	%100
109	M106	X	.339	.339	0	%100
110	M106	Z	-.196	-.196	0	%100
111	M108	X	.339	.339	0	%100
112	M108	Z	-.196	-.196	0	%100
113	M110	X	.126	.126	0	%100
114	M110	Z	-.073	-.073	0	%100
115	M116	X	.502	.502	0	%100
116	M116	Z	-.29	-.29	0	%100
117	M122	X	.126	.126	0	%100
118	M122	Z	-.073	-.073	0	%100
119	M134	X	.165	.165	0	%100
120	M134	Z	-.095	-.095	0	%100
121	M135	X	.659	.659	0	%100
122	M135	Z	-.381	-.381	0	%100
123	M136	X	.165	.165	0	%100
124	M136	Z	-.095	-.095	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.717	.717	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	.479	.479	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	.579	.579	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.579	.579	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	1.211	1.211	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	.925	.925	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	.974	.974	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	1.211	1.211	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	.925	.925	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	.974	.974	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	.53	.53	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
30	M28B	Z	0	0	0	%100
31	M29	X	.53	.53	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	.179	.179	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	.455	.455	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	.455	.455	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	.908	.908	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	.579	.579	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	.303	.303	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	.925	.925	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	.974	.974	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	.303	.303	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	.179	.179	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.455	.455	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	.455	.455	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	.908	.908	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	.579	.579	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	.303	.303	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	.303	.303	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	.925	.925	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	.974	.974	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	.479	.479	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	.58	.58	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	.479	.479	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	.479	.479	0	%100
88	MP5A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
89	MP1C	X	.479	.479	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	.479	.479	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	.58	.58	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	.479	.479	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	.479	.479	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	.479	.479	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	.479	.479	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	.58	.58	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	.479	.479	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	.479	.479	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	.392	.392	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	.392	.392	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	.435	.435	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	.435	.435	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	.571	.571	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	.571	.571	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.153	.153	0	%100
2	M1	Z	.088	.088	0	%100
3	M4	X	.465	.465	0	%100
4	M4	Z	.269	.269	0	%100
5	M10	X	.131	.131	0	%100
6	M10	Z	.076	.076	0	%100
7	MP1A	X	.415	.415	0	%100
8	MP1A	Z	.24	.24	0	%100
9	M43	X	.131	.131	0	%100
10	M43	Z	.076	.076	0	%100
11	M46	X	.262	.262	0	%100
12	M46	Z	.151	.151	0	%100
13	M51B	X	.167	.167	0	%100
14	M51B	Z	.097	.097	0	%100
15	M52B	X	.669	.669	0	%100
16	M52B	Z	.386	.386	0	%100
17	M76	X	.786	.786	0	%100
18	M76	Z	.454	.454	0	%100
19	M77	X	.267	.267	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
20	M77	Z	.154	.154	0	%100
21	M80	X	.281	.281	0	%100
22	M80	Z	.162	.162	0	%100
23	M84	X	.786	.786	0	%100
24	M84	Z	.454	.454	0	%100
25	M85	X	1.068	1.068	0	%100
26	M85	Z	.617	.617	0	%100
27	M91	X	1.125	1.125	0	%100
28	M91	Z	.649	.649	0	%100
29	M28B	X	.153	.153	0	%100
30	M28B	Z	.088	.088	0	%100
31	M29	X	.612	.612	0	%100
32	M29	Z	.353	.353	0	%100
33	M30	X	.465	.465	0	%100
34	M30	Z	.269	.269	0	%100
35	M31	X	.131	.131	0	%100
36	M31	Z	.076	.076	0	%100
37	M32	X	.131	.131	0	%100
38	M32	Z	.076	.076	0	%100
39	M33	X	.262	.262	0	%100
40	M33	Z	.151	.151	0	%100
41	M34	X	.669	.669	0	%100
42	M34	Z	.386	.386	0	%100
43	M35	X	.167	.167	0	%100
44	M35	Z	.097	.097	0	%100
45	M38	X	.786	.786	0	%100
46	M38	Z	.454	.454	0	%100
47	M39	X	1.068	1.068	0	%100
48	M39	Z	.617	.617	0	%100
49	M41	X	1.125	1.125	0	%100
50	M41	Z	.649	.649	0	%100
51	M43A	X	.786	.786	0	%100
52	M43A	Z	.454	.454	0	%100
53	M44	X	.267	.267	0	%100
54	M44	Z	.154	.154	0	%100
55	M46A	X	.281	.281	0	%100
56	M46A	Z	.162	.162	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.526	.526	0	%100
60	M55	Z	.304	.304	0	%100
61	M56	X	.526	.526	0	%100
62	M56	Z	.304	.304	0	%100
63	M57	X	1.049	1.049	0	%100
64	M57	Z	.605	.605	0	%100
65	M58A	X	.167	.167	0	%100
66	M58A	Z	.097	.097	0	%100
67	M59A	X	.167	.167	0	%100
68	M59A	Z	.097	.097	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	.267	.267	0	%100
72	M63	Z	.154	.154	0	%100
73	M65	X	.281	.281	0	%100
74	M65	Z	.162	.162	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	.267	.267	0	%100
78	M68	Z	.154	.154	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
79	M70	X	.281	.281	0	%100
80	M70	Z	.162	.162	0	%100
81	MP2A	X	.415	.415	0	%100
82	MP2A	Z	.24	.24	0	%100
83	MP3A	X	.502	.502	0	%100
84	MP3A	Z	.29	.29	0	%100
85	MP4A	X	.415	.415	0	%100
86	MP4A	Z	.24	.24	0	%100
87	MP5A	X	.415	.415	0	%100
88	MP5A	Z	.24	.24	0	%100
89	MP1C	X	.415	.415	0	%100
90	MP1C	Z	.24	.24	0	%100
91	MP2C	X	.415	.415	0	%100
92	MP2C	Z	.24	.24	0	%100
93	MP3C	X	.502	.502	0	%100
94	MP3C	Z	.29	.29	0	%100
95	MP4C	X	.415	.415	0	%100
96	MP4C	Z	.24	.24	0	%100
97	MP5C	X	.415	.415	0	%100
98	MP5C	Z	.24	.24	0	%100
99	MP1B	X	.415	.415	0	%100
100	MP1B	Z	.24	.24	0	%100
101	MP2B	X	.415	.415	0	%100
102	MP2B	Z	.24	.24	0	%100
103	MP3B	X	.502	.502	0	%100
104	MP3B	Z	.29	.29	0	%100
105	MP4B	X	.415	.415	0	%100
106	MP4B	Z	.24	.24	0	%100
107	MP5B	X	.415	.415	0	%100
108	MP5B	Z	.24	.24	0	%100
109	M106	X	.339	.339	0	%100
110	M106	Z	.196	.196	0	%100
111	M108	X	.339	.339	0	%100
112	M108	Z	.196	.196	0	%100
113	M110	X	.126	.126	0	%100
114	M110	Z	.073	.073	0	%100
115	M116	X	.126	.126	0	%100
116	M116	Z	.073	.073	0	%100
117	M122	X	.502	.502	0	%100
118	M122	Z	.29	.29	0	%100
119	M134	X	.165	.165	0	%100
120	M134	Z	.095	.095	0	%100
121	M135	X	.165	.165	0	%100
122	M135	Z	.095	.095	0	%100
123	M136	X	.659	.659	0	%100
124	M136	Z	.381	.381	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.265	.265	0	%100
2	M1	Z	.459	.459	0	%100
3	M4	X	.09	.09	0	%100
4	M4	Z	.155	.155	0	%100
5	M10	X	.228	.228	0	%100
6	M10	Z	.394	.394	0	%100
7	MP1A	X	.24	.24	0	%100
8	MP1A	Z	.415	.415	0	%100
9	M43	X	.228	.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
10	M43	Z	.394	.394	0	%100
11	M46	X	.454	.454	0	%100
12	M46	Z	.786	.786	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.29	.29	0	%100
16	M52B	Z	.501	.501	0	%100
17	M76	X	.151	.151	0	%100
18	M76	Z	.262	.262	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.151	.151	0	%100
24	M84	Z	.262	.262	0	%100
25	M85	X	.462	.462	0	%100
26	M85	Z	.801	.801	0	%100
27	M91	X	.487	.487	0	%100
28	M91	Z	.844	.844	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	.265	.265	0	%100
32	M29	Z	.459	.459	0	%100
33	M30	X	.358	.358	0	%100
34	M30	Z	.621	.621	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	.29	.29	0	%100
42	M34	Z	.501	.501	0	%100
43	M35	X	.29	.29	0	%100
44	M35	Z	.501	.501	0	%100
45	M38	X	.605	.605	0	%100
46	M38	Z	1.049	1.049	0	%100
47	M39	X	.462	.462	0	%100
48	M39	Z	.801	.801	0	%100
49	M41	X	.487	.487	0	%100
50	M41	Z	.844	.844	0	%100
51	M43A	X	.605	.605	0	%100
52	M43A	Z	1.049	1.049	0	%100
53	M44	X	.462	.462	0	%100
54	M44	Z	.801	.801	0	%100
55	M46A	X	.487	.487	0	%100
56	M46A	Z	.844	.844	0	%100
57	M54	X	.09	.09	0	%100
58	M54	Z	.155	.155	0	%100
59	M55	X	.228	.228	0	%100
60	M55	Z	.394	.394	0	%100
61	M56	X	.228	.228	0	%100
62	M56	Z	.394	.394	0	%100
63	M57	X	.454	.454	0	%100
64	M57	Z	.786	.786	0	%100
65	M58A	X	.29	.29	0	%100
66	M58A	Z	.501	.501	0	%100
67	M59A	X	0	0	0	%100
68	M59A	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....]	Start Location[ft,%]	End Location[ft,%]
69	M62	X	.151	.151	0	%100
70	M62	Z	.262	.262	0	%100
71	M63	X	.462	.462	0	%100
72	M63	Z	.801	.801	0	%100
73	M65	X	.487	.487	0	%100
74	M65	Z	.844	.844	0	%100
75	M67	X	.151	.151	0	%100
76	M67	Z	.262	.262	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	.24	.24	0	%100
82	MP2A	Z	.415	.415	0	%100
83	MP3A	X	.29	.29	0	%100
84	MP3A	Z	.502	.502	0	%100
85	MP4A	X	.24	.24	0	%100
86	MP4A	Z	.415	.415	0	%100
87	MP5A	X	.24	.24	0	%100
88	MP5A	Z	.415	.415	0	%100
89	MP1C	X	.24	.24	0	%100
90	MP1C	Z	.415	.415	0	%100
91	MP2C	X	.24	.24	0	%100
92	MP2C	Z	.415	.415	0	%100
93	MP3C	X	.29	.29	0	%100
94	MP3C	Z	.502	.502	0	%100
95	MP4C	X	.24	.24	0	%100
96	MP4C	Z	.415	.415	0	%100
97	MP5C	X	.24	.24	0	%100
98	MP5C	Z	.415	.415	0	%100
99	MP1B	X	.24	.24	0	%100
100	MP1B	Z	.415	.415	0	%100
101	MP2B	X	.24	.24	0	%100
102	MP2B	Z	.415	.415	0	%100
103	MP3B	X	.29	.29	0	%100
104	MP3B	Z	.502	.502	0	%100
105	MP4B	X	.24	.24	0	%100
106	MP4B	Z	.415	.415	0	%100
107	MP5B	X	.24	.24	0	%100
108	MP5B	Z	.415	.415	0	%100
109	M106	X	.196	.196	0	%100
110	M106	Z	.339	.339	0	%100
111	M108	X	.196	.196	0	%100
112	M108	Z	.339	.339	0	%100
113	M110	X	.218	.218	0	%100
114	M110	Z	.377	.377	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	.218	.218	0	%100
118	M122	Z	.377	.377	0	%100
119	M134	X	.285	.285	0	%100
120	M134	Z	.494	.494	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	.285	.285	0	%100
124	M136	Z	.494	.494	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.706	.706	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.607	.607	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.479	.479	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	.607	.607	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	1.211	1.211	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	.193	.193	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	.193	.193	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	.308	.308	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	.325	.325	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	.308	.308	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	.325	.325	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	.177	.177	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	.177	.177	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	.537	.537	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	.152	.152	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	.152	.152	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	.303	.303	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	.193	.193	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	.772	.772	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	.908	.908	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	.308	.308	0	%100
49	M41	X	0	0	0	%100
50	M41	Z	.325	.325	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	.908	.908	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	1.233	1.233	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	1.299	1.299	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	.537	.537	0	%100
59	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M55	Z	.152	.152	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	.152	.152	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	.303	.303	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	.772	.772	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	.193	.193	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	.908	.908	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	1.233	1.233	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	1.299	1.299	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	.908	.908	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	.308	.308	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	.325	.325	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	.479	.479	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.58	.58	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	.479	.479	0	%100
87	MP5A	X	0	0	0	%100
88	MP5A	Z	.479	.479	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	.479	.479	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.479	.479	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	.58	.58	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	.479	.479	0	%100
97	MP5C	X	0	0	0	%100
98	MP5C	Z	.479	.479	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	.479	.479	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	.479	.479	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	.58	.58	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	.479	.479	0	%100
107	MP5B	X	0	0	0	%100
108	MP5B	Z	.479	.479	0	%100
109	M106	X	0	0	0	%100
110	M106	Z	.392	.392	0	%100
111	M108	X	0	0	0	%100
112	M108	Z	.392	.392	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	.58	.58	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	.145	.145	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	.145	.145	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
119	M134	X	0	0	0	%100
120	M134	Z	.761	.761	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	.19	.19	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	.19	.19	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.265	-.265	0	%100
2	M1	Z	.459	.459	0	%100
3	M4	X	-.09	-.09	0	%100
4	M4	Z	.155	.155	0	%100
5	M10	X	-.228	-.228	0	%100
6	M10	Z	.394	.394	0	%100
7	MP1A	X	-.24	-.24	0	%100
8	MP1A	Z	.415	.415	0	%100
9	M43	X	-.228	-.228	0	%100
10	M43	Z	.394	.394	0	%100
11	M46	X	-.454	-.454	0	%100
12	M46	Z	.786	.786	0	%100
13	M51B	X	-.29	-.29	0	%100
14	M51B	Z	.501	.501	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-.151	-.151	0	%100
18	M76	Z	.262	.262	0	%100
19	M77	X	-.462	-.462	0	%100
20	M77	Z	.801	.801	0	%100
21	M80	X	-.487	-.487	0	%100
22	M80	Z	.844	.844	0	%100
23	M84	X	-.151	-.151	0	%100
24	M84	Z	.262	.262	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-.265	-.265	0	%100
30	M28B	Z	.459	.459	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.09	-.09	0	%100
34	M30	Z	.155	.155	0	%100
35	M31	X	-.228	-.228	0	%100
36	M31	Z	.394	.394	0	%100
37	M32	X	-.228	-.228	0	%100
38	M32	Z	.394	.394	0	%100
39	M33	X	-.454	-.454	0	%100
40	M33	Z	.786	.786	0	%100
41	M34	X	0	0	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	-.29	-.29	0	%100
44	M35	Z	.501	.501	0	%100
45	M38	X	-.151	-.151	0	%100
46	M38	Z	.262	.262	0	%100
47	M39	X	0	0	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
50	M41	Z	0	0	0	%100
51	M43A	X	-.151	-.151	0	%100
52	M43A	Z	.262	.262	0	%100
53	M44	X	-.462	-.462	0	%100
54	M44	Z	.801	.801	0	%100
55	M46A	X	-.487	-.487	0	%100
56	M46A	Z	.844	.844	0	%100
57	M54	X	-.358	-.358	0	%100
58	M54	Z	.621	.621	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	0	0	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	0	0	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	-.29	-.29	0	%100
66	M58A	Z	.501	.501	0	%100
67	M59A	X	-.29	-.29	0	%100
68	M59A	Z	.501	.501	0	%100
69	M62	X	-.605	-.605	0	%100
70	M62	Z	1.049	1.049	0	%100
71	M63	X	-.462	-.462	0	%100
72	M63	Z	.801	.801	0	%100
73	M65	X	-.487	-.487	0	%100
74	M65	Z	.844	.844	0	%100
75	M67	X	-.605	-.605	0	%100
76	M67	Z	1.049	1.049	0	%100
77	M68	X	-.462	-.462	0	%100
78	M68	Z	.801	.801	0	%100
79	M70	X	-.487	-.487	0	%100
80	M70	Z	.844	.844	0	%100
81	MP2A	X	-.24	-.24	0	%100
82	MP2A	Z	.415	.415	0	%100
83	MP3A	X	-.29	-.29	0	%100
84	MP3A	Z	.502	.502	0	%100
85	MP4A	X	-.24	-.24	0	%100
86	MP4A	Z	.415	.415	0	%100
87	MP5A	X	-.24	-.24	0	%100
88	MP5A	Z	.415	.415	0	%100
89	MP1C	X	-.24	-.24	0	%100
90	MP1C	Z	.415	.415	0	%100
91	MP2C	X	-.24	-.24	0	%100
92	MP2C	Z	.415	.415	0	%100
93	MP3C	X	-.29	-.29	0	%100
94	MP3C	Z	.502	.502	0	%100
95	MP4C	X	-.24	-.24	0	%100
96	MP4C	Z	.415	.415	0	%100
97	MP5C	X	-.24	-.24	0	%100
98	MP5C	Z	.415	.415	0	%100
99	MP1B	X	-.24	-.24	0	%100
100	MP1B	Z	.415	.415	0	%100
101	MP2B	X	-.24	-.24	0	%100
102	MP2B	Z	.415	.415	0	%100
103	MP3B	X	-.29	-.29	0	%100
104	MP3B	Z	.502	.502	0	%100
105	MP4B	X	-.24	-.24	0	%100
106	MP4B	Z	.415	.415	0	%100
107	MP5B	X	-.24	-.24	0	%100
108	MP5B	Z	.415	.415	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
109	M106	X	-.196	-.196	0	%100
110	M106	Z	.339	.339	0	%100
111	M108	X	-.196	-.196	0	%100
112	M108	Z	.339	.339	0	%100
113	M110	X	-.218	-.218	0	%100
114	M110	Z	.377	.377	0	%100
115	M116	X	-.218	-.218	0	%100
116	M116	Z	.377	.377	0	%100
117	M122	X	0	0	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	-.285	-.285	0	%100
120	M134	Z	.494	.494	0	%100
121	M135	X	-.285	-.285	0	%100
122	M135	Z	.494	.494	0	%100
123	M136	X	0	0	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.153	-.153	0	%100
2	M1	Z	.088	.088	0	%100
3	M4	X	-.465	-.465	0	%100
4	M4	Z	.269	.269	0	%100
5	M10	X	-.131	-.131	0	%100
6	M10	Z	.076	.076	0	%100
7	MP1A	X	-.415	-.415	0	%100
8	MP1A	Z	.24	.24	0	%100
9	M43	X	-.131	-.131	0	%100
10	M43	Z	.076	.076	0	%100
11	M46	X	-.262	-.262	0	%100
12	M46	Z	.151	.151	0	%100
13	M51B	X	-.669	-.669	0	%100
14	M51B	Z	.386	.386	0	%100
15	M52B	X	-.167	-.167	0	%100
16	M52B	Z	.097	.097	0	%100
17	M76	X	-.786	-.786	0	%100
18	M76	Z	.454	.454	0	%100
19	M77	X	-1.068	-1.068	0	%100
20	M77	Z	.617	.617	0	%100
21	M80	X	-1.125	-1.125	0	%100
22	M80	Z	.649	.649	0	%100
23	M84	X	-.786	-.786	0	%100
24	M84	Z	.454	.454	0	%100
25	M85	X	-.267	-.267	0	%100
26	M85	Z	.154	.154	0	%100
27	M91	X	-.281	-.281	0	%100
28	M91	Z	.162	.162	0	%100
29	M28B	X	-.612	-.612	0	%100
30	M28B	Z	.353	.353	0	%100
31	M29	X	-.153	-.153	0	%100
32	M29	Z	.088	.088	0	%100
33	M30	X	0	0	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-.526	-.526	0	%100
36	M31	Z	.304	.304	0	%100
37	M32	X	-.526	-.526	0	%100
38	M32	Z	.304	.304	0	%100
39	M33	X	-1.049	-1.049	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
40	M33	Z	.605	.605	0	%100
41	M34	X	-.167	-.167	0	%100
42	M34	Z	.097	.097	0	%100
43	M35	X	-.167	-.167	0	%100
44	M35	Z	.097	.097	0	%100
45	M38	X	0	0	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-.267	-.267	0	%100
48	M39	Z	.154	.154	0	%100
49	M41	X	-.281	-.281	0	%100
50	M41	Z	.162	.162	0	%100
51	M43A	X	0	0	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	-.267	-.267	0	%100
54	M44	Z	.154	.154	0	%100
55	M46A	X	-.281	-.281	0	%100
56	M46A	Z	.162	.162	0	%100
57	M54	X	-.465	-.465	0	%100
58	M54	Z	.269	.269	0	%100
59	M55	X	-.131	-.131	0	%100
60	M55	Z	.076	.076	0	%100
61	M56	X	-.131	-.131	0	%100
62	M56	Z	.076	.076	0	%100
63	M57	X	-.262	-.262	0	%100
64	M57	Z	.151	.151	0	%100
65	M58A	X	-.167	-.167	0	%100
66	M58A	Z	.097	.097	0	%100
67	M59A	X	-.669	-.669	0	%100
68	M59A	Z	.386	.386	0	%100
69	M62	X	-.786	-.786	0	%100
70	M62	Z	.454	.454	0	%100
71	M63	X	-.267	-.267	0	%100
72	M63	Z	.154	.154	0	%100
73	M65	X	-.281	-.281	0	%100
74	M65	Z	.162	.162	0	%100
75	M67	X	-.786	-.786	0	%100
76	M67	Z	.454	.454	0	%100
77	M68	X	-1.068	-1.068	0	%100
78	M68	Z	.617	.617	0	%100
79	M70	X	-1.125	-1.125	0	%100
80	M70	Z	.649	.649	0	%100
81	MP2A	X	-.415	-.415	0	%100
82	MP2A	Z	.24	.24	0	%100
83	MP3A	X	-.502	-.502	0	%100
84	MP3A	Z	.29	.29	0	%100
85	MP4A	X	-.415	-.415	0	%100
86	MP4A	Z	.24	.24	0	%100
87	MP5A	X	-.415	-.415	0	%100
88	MP5A	Z	.24	.24	0	%100
89	MP1C	X	-.415	-.415	0	%100
90	MP1C	Z	.24	.24	0	%100
91	MP2C	X	-.415	-.415	0	%100
92	MP2C	Z	.24	.24	0	%100
93	MP3C	X	-.502	-.502	0	%100
94	MP3C	Z	.29	.29	0	%100
95	MP4C	X	-.415	-.415	0	%100
96	MP4C	Z	.24	.24	0	%100
97	MP5C	X	-.415	-.415	0	%100
98	MP5C	Z	.24	.24	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
99	MP1B	X	-.415	-.415	0	%100
100	MP1B	Z	.24	.24	0	%100
101	MP2B	X	-.415	-.415	0	%100
102	MP2B	Z	.24	.24	0	%100
103	MP3B	X	-.502	-.502	0	%100
104	MP3B	Z	.29	.29	0	%100
105	MP4B	X	-.415	-.415	0	%100
106	MP4B	Z	.24	.24	0	%100
107	MP5B	X	-.415	-.415	0	%100
108	MP5B	Z	.24	.24	0	%100
109	M106	X	-.339	-.339	0	%100
110	M106	Z	.196	.196	0	%100
111	M108	X	-.339	-.339	0	%100
112	M108	Z	.196	.196	0	%100
113	M110	X	-.126	-.126	0	%100
114	M110	Z	.073	.073	0	%100
115	M116	X	-.502	-.502	0	%100
116	M116	Z	.29	.29	0	%100
117	M122	X	-.126	-.126	0	%100
118	M122	Z	.073	.073	0	%100
119	M134	X	-.165	-.165	0	%100
120	M134	Z	.095	.095	0	%100
121	M135	X	-.659	-.659	0	%100
122	M135	Z	.381	.381	0	%100
123	M136	X	-.165	-.165	0	%100
124	M136	Z	.095	.095	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.717	-.717	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-.479	-.479	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-.579	-.579	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.579	-.579	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-1.211	-1.211	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-.925	-.925	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-.974	-.974	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-1.211	-1.211	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-.925	-.925	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-.974	-.974	0	%100
28	M91	Z	0	0	0	%100
29	M28B	X	-.53	-.53	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
30	M28B	Z	0	0	0	%100
31	M29	X	-.53	-.53	0	%100
32	M29	Z	0	0	0	%100
33	M30	X	-.179	-.179	0	%100
34	M30	Z	0	0	0	%100
35	M31	X	-.455	-.455	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	-.455	-.455	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	-.908	-.908	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-.579	-.579	0	%100
42	M34	Z	0	0	0	%100
43	M35	X	0	0	0	%100
44	M35	Z	0	0	0	%100
45	M38	X	-.303	-.303	0	%100
46	M38	Z	0	0	0	%100
47	M39	X	-.925	-.925	0	%100
48	M39	Z	0	0	0	%100
49	M41	X	-.974	-.974	0	%100
50	M41	Z	0	0	0	%100
51	M43A	X	-.303	-.303	0	%100
52	M43A	Z	0	0	0	%100
53	M44	X	0	0	0	%100
54	M44	Z	0	0	0	%100
55	M46A	X	0	0	0	%100
56	M46A	Z	0	0	0	%100
57	M54	X	-.179	-.179	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.455	-.455	0	%100
60	M55	Z	0	0	0	%100
61	M56	X	-.455	-.455	0	%100
62	M56	Z	0	0	0	%100
63	M57	X	-.908	-.908	0	%100
64	M57	Z	0	0	0	%100
65	M58A	X	0	0	0	%100
66	M58A	Z	0	0	0	%100
67	M59A	X	-.579	-.579	0	%100
68	M59A	Z	0	0	0	%100
69	M62	X	-.303	-.303	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	0	0	0	%100
73	M65	X	0	0	0	%100
74	M65	Z	0	0	0	%100
75	M67	X	-.303	-.303	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-.925	-.925	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	-.974	-.974	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-.479	-.479	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	-.58	-.58	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-.479	-.479	0	%100
86	MP4A	Z	0	0	0	%100
87	MP5A	X	-.479	-.479	0	%100
88	MP5A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
89	MP1C	X	-.479	-.479	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-.479	-.479	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-.58	-.58	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-.479	-.479	0	%100
96	MP4C	Z	0	0	0	%100
97	MP5C	X	-.479	-.479	0	%100
98	MP5C	Z	0	0	0	%100
99	MP1B	X	-.479	-.479	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-.479	-.479	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-.58	-.58	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	-.479	-.479	0	%100
106	MP4B	Z	0	0	0	%100
107	MP5B	X	-.479	-.479	0	%100
108	MP5B	Z	0	0	0	%100
109	M106	X	-.392	-.392	0	%100
110	M106	Z	0	0	0	%100
111	M108	X	-.392	-.392	0	%100
112	M108	Z	0	0	0	%100
113	M110	X	0	0	0	%100
114	M110	Z	0	0	0	%100
115	M116	X	-.435	-.435	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-.435	-.435	0	%100
118	M122	Z	0	0	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	M135	X	-.571	-.571	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-.571	-.571	0	%100
124	M136	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.153	-.153	0	%100
2	M1	Z	-.088	-.088	0	%100
3	M4	X	-.465	-.465	0	%100
4	M4	Z	-.269	-.269	0	%100
5	M10	X	-.131	-.131	0	%100
6	M10	Z	-.076	-.076	0	%100
7	MP1A	X	-.415	-.415	0	%100
8	MP1A	Z	-.24	-.24	0	%100
9	M43	X	-.131	-.131	0	%100
10	M43	Z	-.076	-.076	0	%100
11	M46	X	-.262	-.262	0	%100
12	M46	Z	-.151	-.151	0	%100
13	M51B	X	-.167	-.167	0	%100
14	M51B	Z	-.097	-.097	0	%100
15	M52B	X	-.669	-.669	0	%100
16	M52B	Z	-.386	-.386	0	%100
17	M76	X	-.786	-.786	0	%100
18	M76	Z	-.454	-.454	0	%100
19	M77	X	-.267	-.267	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
20	M77	Z	-.154	-.154	0	%100
21	M80	X	-.281	-.281	0	%100
22	M80	Z	-.162	-.162	0	%100
23	M84	X	-.786	-.786	0	%100
24	M84	Z	-.454	-.454	0	%100
25	M85	X	-1.068	-1.068	0	%100
26	M85	Z	-.617	-.617	0	%100
27	M91	X	-1.125	-1.125	0	%100
28	M91	Z	-.649	-.649	0	%100
29	M28B	X	-.153	-.153	0	%100
30	M28B	Z	-.088	-.088	0	%100
31	M29	X	-.612	-.612	0	%100
32	M29	Z	-.353	-.353	0	%100
33	M30	X	-.465	-.465	0	%100
34	M30	Z	-.269	-.269	0	%100
35	M31	X	-.131	-.131	0	%100
36	M31	Z	-.076	-.076	0	%100
37	M32	X	-.131	-.131	0	%100
38	M32	Z	-.076	-.076	0	%100
39	M33	X	-.262	-.262	0	%100
40	M33	Z	-.151	-.151	0	%100
41	M34	X	-.669	-.669	0	%100
42	M34	Z	-.386	-.386	0	%100
43	M35	X	-.167	-.167	0	%100
44	M35	Z	-.097	-.097	0	%100
45	M38	X	-.786	-.786	0	%100
46	M38	Z	-.454	-.454	0	%100
47	M39	X	-1.068	-1.068	0	%100
48	M39	Z	-.617	-.617	0	%100
49	M41	X	-1.125	-1.125	0	%100
50	M41	Z	-.649	-.649	0	%100
51	M43A	X	-.786	-.786	0	%100
52	M43A	Z	-.454	-.454	0	%100
53	M44	X	-.267	-.267	0	%100
54	M44	Z	-.154	-.154	0	%100
55	M46A	X	-.281	-.281	0	%100
56	M46A	Z	-.162	-.162	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.526	-.526	0	%100
60	M55	Z	-.304	-.304	0	%100
61	M56	X	-.526	-.526	0	%100
62	M56	Z	-.304	-.304	0	%100
63	M57	X	-1.049	-1.049	0	%100
64	M57	Z	-.605	-.605	0	%100
65	M58A	X	-.167	-.167	0	%100
66	M58A	Z	-.097	-.097	0	%100
67	M59A	X	-.167	-.167	0	%100
68	M59A	Z	-.097	-.097	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	-.267	-.267	0	%100
72	M63	Z	-.154	-.154	0	%100
73	M65	X	-.281	-.281	0	%100
74	M65	Z	-.162	-.162	0	%100
75	M67	X	0	0	0	%100
76	M67	Z	0	0	0	%100
77	M68	X	-.267	-.267	0	%100
78	M68	Z	-.154	-.154	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
79	M70	X	-.281	-.281	0	%100
80	M70	Z	-.162	-.162	0	%100
81	MP2A	X	-.415	-.415	0	%100
82	MP2A	Z	-.24	-.24	0	%100
83	MP3A	X	-.502	-.502	0	%100
84	MP3A	Z	-.29	-.29	0	%100
85	MP4A	X	-.415	-.415	0	%100
86	MP4A	Z	-.24	-.24	0	%100
87	MP5A	X	-.415	-.415	0	%100
88	MP5A	Z	-.24	-.24	0	%100
89	MP1C	X	-.415	-.415	0	%100
90	MP1C	Z	-.24	-.24	0	%100
91	MP2C	X	-.415	-.415	0	%100
92	MP2C	Z	-.24	-.24	0	%100
93	MP3C	X	-.502	-.502	0	%100
94	MP3C	Z	-.29	-.29	0	%100
95	MP4C	X	-.415	-.415	0	%100
96	MP4C	Z	-.24	-.24	0	%100
97	MP5C	X	-.415	-.415	0	%100
98	MP5C	Z	-.24	-.24	0	%100
99	MP1B	X	-.415	-.415	0	%100
100	MP1B	Z	-.24	-.24	0	%100
101	MP2B	X	-.415	-.415	0	%100
102	MP2B	Z	-.24	-.24	0	%100
103	MP3B	X	-.502	-.502	0	%100
104	MP3B	Z	-.29	-.29	0	%100
105	MP4B	X	-.415	-.415	0	%100
106	MP4B	Z	-.24	-.24	0	%100
107	MP5B	X	-.415	-.415	0	%100
108	MP5B	Z	-.24	-.24	0	%100
109	M106	X	-.339	-.339	0	%100
110	M106	Z	-.196	-.196	0	%100
111	M108	X	-.339	-.339	0	%100
112	M108	Z	-.196	-.196	0	%100
113	M110	X	-.126	-.126	0	%100
114	M110	Z	-.073	-.073	0	%100
115	M116	X	-.126	-.126	0	%100
116	M116	Z	-.073	-.073	0	%100
117	M122	X	-.502	-.502	0	%100
118	M122	Z	-.29	-.29	0	%100
119	M134	X	-.165	-.165	0	%100
120	M134	Z	-.095	-.095	0	%100
121	M135	X	-.165	-.165	0	%100
122	M135	Z	-.095	-.095	0	%100
123	M136	X	-.659	-.659	0	%100
124	M136	Z	-.381	-.381	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.265	-.265	0	%100
2	M1	Z	-.459	-.459	0	%100
3	M4	X	-.09	-.09	0	%100
4	M4	Z	-.155	-.155	0	%100
5	M10	X	-.228	-.228	0	%100
6	M10	Z	-.394	-.394	0	%100
7	MP1A	X	-.24	-.24	0	%100
8	MP1A	Z	-.415	-.415	0	%100
9	M43	X	-.228	-.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
10	M43	Z	-.394	-.394	0	%100
11	M46	X	-.454	-.454	0	%100
12	M46	Z	-.786	-.786	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.29	-.29	0	%100
16	M52B	Z	-.501	-.501	0	%100
17	M76	X	-.151	-.151	0	%100
18	M76	Z	-.262	-.262	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.151	-.151	0	%100
24	M84	Z	-.262	-.262	0	%100
25	M85	X	-.462	-.462	0	%100
26	M85	Z	-.801	-.801	0	%100
27	M91	X	-.487	-.487	0	%100
28	M91	Z	-.844	-.844	0	%100
29	M28B	X	0	0	0	%100
30	M28B	Z	0	0	0	%100
31	M29	X	-.265	-.265	0	%100
32	M29	Z	-.459	-.459	0	%100
33	M30	X	-.358	-.358	0	%100
34	M30	Z	-.621	-.621	0	%100
35	M31	X	0	0	0	%100
36	M31	Z	0	0	0	%100
37	M32	X	0	0	0	%100
38	M32	Z	0	0	0	%100
39	M33	X	0	0	0	%100
40	M33	Z	0	0	0	%100
41	M34	X	-.29	-.29	0	%100
42	M34	Z	-.501	-.501	0	%100
43	M35	X	-.29	-.29	0	%100
44	M35	Z	-.501	-.501	0	%100
45	M38	X	-.605	-.605	0	%100
46	M38	Z	-1.049	-1.049	0	%100
47	M39	X	-.462	-.462	0	%100
48	M39	Z	-.801	-.801	0	%100
49	M41	X	-.487	-.487	0	%100
50	M41	Z	-.844	-.844	0	%100
51	M43A	X	-.605	-.605	0	%100
52	M43A	Z	-1.049	-1.049	0	%100
53	M44	X	-.462	-.462	0	%100
54	M44	Z	-.801	-.801	0	%100
55	M46A	X	-.487	-.487	0	%100
56	M46A	Z	-.844	-.844	0	%100
57	M54	X	-.09	-.09	0	%100
58	M54	Z	-.155	-.155	0	%100
59	M55	X	-.228	-.228	0	%100
60	M55	Z	-.394	-.394	0	%100
61	M56	X	-.228	-.228	0	%100
62	M56	Z	-.394	-.394	0	%100
63	M57	X	-.454	-.454	0	%100
64	M57	Z	-.786	-.786	0	%100
65	M58A	X	-.29	-.29	0	%100
66	M58A	Z	-.501	-.501	0	%100
67	M59A	X	0	0	0	%100
68	M59A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
69	M62	X	-.151	-.151	0	%100
70	M62	Z	-.262	-.262	0	%100
71	M63	X	-.462	-.462	0	%100
72	M63	Z	-.801	-.801	0	%100
73	M65	X	-.487	-.487	0	%100
74	M65	Z	-.844	-.844	0	%100
75	M67	X	-.151	-.151	0	%100
76	M67	Z	-.262	-.262	0	%100
77	M68	X	0	0	0	%100
78	M68	Z	0	0	0	%100
79	M70	X	0	0	0	%100
80	M70	Z	0	0	0	%100
81	MP2A	X	-.24	-.24	0	%100
82	MP2A	Z	-.415	-.415	0	%100
83	MP3A	X	-.29	-.29	0	%100
84	MP3A	Z	-.502	-.502	0	%100
85	MP4A	X	-.24	-.24	0	%100
86	MP4A	Z	-.415	-.415	0	%100
87	MP5A	X	-.24	-.24	0	%100
88	MP5A	Z	-.415	-.415	0	%100
89	MP1C	X	-.24	-.24	0	%100
90	MP1C	Z	-.415	-.415	0	%100
91	MP2C	X	-.24	-.24	0	%100
92	MP2C	Z	-.415	-.415	0	%100
93	MP3C	X	-.29	-.29	0	%100
94	MP3C	Z	-.502	-.502	0	%100
95	MP4C	X	-.24	-.24	0	%100
96	MP4C	Z	-.415	-.415	0	%100
97	MP5C	X	-.24	-.24	0	%100
98	MP5C	Z	-.415	-.415	0	%100
99	MP1B	X	-.24	-.24	0	%100
100	MP1B	Z	-.415	-.415	0	%100
101	MP2B	X	-.24	-.24	0	%100
102	MP2B	Z	-.415	-.415	0	%100
103	MP3B	X	-.29	-.29	0	%100
104	MP3B	Z	-.502	-.502	0	%100
105	MP4B	X	-.24	-.24	0	%100
106	MP4B	Z	-.415	-.415	0	%100
107	MP5B	X	-.24	-.24	0	%100
108	MP5B	Z	-.415	-.415	0	%100
109	M106	X	-.196	-.196	0	%100
110	M106	Z	-.339	-.339	0	%100
111	M108	X	-.196	-.196	0	%100
112	M108	Z	-.339	-.339	0	%100
113	M110	X	-.218	-.218	0	%100
114	M110	Z	-.377	-.377	0	%100
115	M116	X	0	0	0	%100
116	M116	Z	0	0	0	%100
117	M122	X	-.218	-.218	0	%100
118	M122	Z	-.377	-.377	0	%100
119	M134	X	-.285	-.285	0	%100
120	M134	Z	-.494	-.494	0	%100
121	M135	X	0	0	0	%100
122	M135	Z	0	0	0	%100
123	M136	X	-.285	-.285	0	%100
124	M136	Z	-.494	-.494	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-2.467	-5.183	0	.837
2	M51B	Y	-5.183	-6.592	.837	1.674
3	M51B	Y	-6.592	-8.122	1.674	2.511
4	M51B	Y	-8.122	-6.915	2.511	3.349
5	M51B	Y	-6.915	-1.543	3.349	4.186
6	M52B	Y	-2.479	-6.565	0	.837
7	M52B	Y	-6.565	-8.783	.837	1.674
8	M52B	Y	-8.783	-5.984	1.674	2.511
9	M52B	Y	-5.984	-2.852	2.511	3.349
10	M52B	Y	-2.852	-2.536	3.349	4.186
11	M34	Y	-2.467	-5.183	0	.837
12	M34	Y	-5.183	-6.592	.837	1.674
13	M34	Y	-6.592	-8.122	1.674	2.511
14	M34	Y	-8.122	-6.915	2.511	3.349
15	M34	Y	-6.915	-1.543	3.349	4.186
16	M35	Y	-2.479	-6.565	0	.837
17	M35	Y	-6.565	-8.783	.837	1.674
18	M35	Y	-8.783	-5.984	1.674	2.511
19	M35	Y	-5.984	-2.852	2.511	3.349
20	M35	Y	-2.852	-2.536	3.349	4.186
21	M58A	Y	-2.536	-2.852	0	.837
22	M58A	Y	-2.852	-5.984	.837	1.674
23	M58A	Y	-5.984	-8.783	1.674	2.511
24	M58A	Y	-8.783	-6.565	2.511	3.349
25	M58A	Y	-6.565	-2.479	3.349	4.186
26	M59A	Y	-1.543	-6.915	0	.837
27	M59A	Y	-6.915	-8.122	.837	1.674
28	M59A	Y	-8.122	-6.592	1.674	2.511
29	M59A	Y	-6.592	-5.183	2.511	3.349
30	M59A	Y	-5.183	-2.467	3.349	4.186

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M51B	Y	-6.007	-12.619	0	.837
2	M51B	Y	-12.619	-16.049	.837	1.674
3	M51B	Y	-16.049	-19.775	1.674	2.511
4	M51B	Y	-19.775	-16.837	2.511	3.349
5	M51B	Y	-16.837	-3.758	3.349	4.186
6	M52B	Y	-6.035	-15.984	0	.837
7	M52B	Y	-15.984	-21.384	.837	1.674
8	M52B	Y	-21.384	-14.569	1.674	2.511
9	M52B	Y	-14.569	-6.945	2.511	3.349
10	M52B	Y	-6.945	-6.174	3.349	4.186
11	M34	Y	-6.007	-12.619	0	.837
12	M34	Y	-12.619	-16.049	.837	1.674
13	M34	Y	-16.049	-19.775	1.674	2.511
14	M34	Y	-19.775	-16.837	2.511	3.349
15	M34	Y	-16.837	-3.758	3.349	4.186
16	M35	Y	-6.035	-15.984	0	.837
17	M35	Y	-15.984	-21.384	.837	1.674
18	M35	Y	-21.384	-14.569	1.674	2.511
19	M35	Y	-14.569	-6.945	2.511	3.349
20	M35	Y	-6.945	-6.174	3.349	4.186
21	M58A	Y	-6.174	-6.945	0	.837
22	M58A	Y	-6.945	-14.569	.837	1.674
23	M58A	Y	-14.569	-21.384	1.674	2.511
24	M58A	Y	-21.384	-15.984	2.511	3.349
25	M58A	Y	-15.984	-6.035	3.349	4.186

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
26	M59A	Y	-3.758	-16.837	0	.837
27	M59A	Y	-16.837	-19.775	.837	1.674
28	M59A	Y	-19.775	-16.049	1.674	2.511
29	M59A	Y	-16.049	-12.619	2.511	3.349
30	M59A	Y	-12.619	-6.007	3.349	4.186

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M51B	Z	-.074	-.155	0	.837
2	M51B	Z	-.155	-.198	.837	1.674
3	M51B	Z	-.198	-.244	1.674	2.511
4	M51B	Z	-.244	-.207	2.511	3.349
5	M51B	Z	-.207	-.046	3.349	4.186
6	M52B	Z	-.074	-.197	0	.837
7	M52B	Z	-.197	-.263	.837	1.674
8	M52B	Z	-.263	-.18	1.674	2.511
9	M52B	Z	-.18	-.086	2.511	3.349
10	M52B	Z	-.086	-.076	3.349	4.186
11	M34	Z	-.074	-.155	0	.837
12	M34	Z	-.155	-.198	.837	1.674
13	M34	Z	-.198	-.244	1.674	2.511
14	M34	Z	-.244	-.207	2.511	3.349
15	M34	Z	-.207	-.046	3.349	4.186
16	M35	Z	-.074	-.197	0	.837
17	M35	Z	-.197	-.263	.837	1.674
18	M35	Z	-.263	-.18	1.674	2.511
19	M35	Z	-.18	-.086	2.511	3.349
20	M35	Z	-.086	-.076	3.349	4.186
21	M58A	Z	-.076	-.086	0	.837
22	M58A	Z	-.086	-.18	.837	1.674
23	M58A	Z	-.18	-.263	1.674	2.511
24	M58A	Z	-.263	-.197	2.511	3.349
25	M58A	Z	-.197	-.074	3.349	4.186
26	M59A	Z	-.046	-.207	0	.837
27	M59A	Z	-.207	-.244	.837	1.674
28	M59A	Z	-.244	-.198	1.674	2.511
29	M59A	Z	-.198	-.155	2.511	3.349
30	M59A	Z	-.155	-.074	3.349	4.186

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M51B	X	.074	.155	0	.837
2	M51B	X	.155	.198	.837	1.674
3	M51B	X	.198	.244	1.674	2.511
4	M51B	X	.244	.207	2.511	3.349
5	M51B	X	.207	.046	3.349	4.186
6	M52B	X	.074	.197	0	.837
7	M52B	X	.197	.263	.837	1.674
8	M52B	X	.263	.18	1.674	2.511
9	M52B	X	.18	.086	2.511	3.349
10	M52B	X	.086	.076	3.349	4.186
11	M34	X	.074	.155	0	.837
12	M34	X	.155	.198	.837	1.674
13	M34	X	.198	.244	1.674	2.511
14	M34	X	.244	.207	2.511	3.349
15	M34	X	.207	.046	3.349	4.186
16	M35	X	.074	.197	0	.837
17	M35	X	.197	.263	.837	1.674

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
18	M35	X	.263	.18	1.674	2.511
19	M35	X	.18	.086	2.511	3.349
20	M35	X	.086	.076	3.349	4.186
21	M58A	X	.076	.086	0	.837
22	M58A	X	.086	.18	.837	1.674
23	M58A	X	.18	.263	1.674	2.511
24	M58A	X	.263	.197	2.511	3.349
25	M58A	X	.197	.074	3.349	4.186
26	M59A	X	.046	.207	0	.837
27	M59A	X	.207	.244	.837	1.674
28	M59A	X	.244	.198	1.674	2.511
29	M59A	X	.198	.155	2.511	3.349
30	M59A	X	.155	.074	3.349	4.186

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N40	N41	N55	N54A	Y	Two Way	-.005
2	N64	N63	N65	N66	Y	Two Way	-.005
3	N95	N94	N92	N93	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N40	N41	N55	N54A	Y	Two Way	-.013
2	N64	N63	N65	N66	Y	Two Way	-.013
3	N95	N94	N92	N93	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N40	N41	N55	N54A	Y	Two Way	0
2	N64	N63	N65	N66	Y	Two Way	0
3	N95	N94	N92	N93	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	N40	N41	N55	N54A	Z	Two Way	-.000156
2	N64	N63	N65	N66	Z	Two Way	-.000156
3	N95	N94	N92	N93	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	N40	N41	N55	N54A	X	Two Way	.000156
2	N64	N63	N65	N66	X	Two Way	.000156
3	N95	N94	N92	N93	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	N3	max	633.26	10	3373.45	13	2058.265	1	7.074	13	1.085	4	.065	10
2		min	-641.226	4	-6.395	7	-2200.315	7	-1.303	7	-1.084	10	-.096	4
3	N40B	max	1884.665	9	3490.878	21	1120.676	3	.718	3	1.113	12	1.187	3
4		min	-2003.991	3	29.037	3	-1047.792	9	-3.435	21	-1.121	6	-6.127	21
5	N69	max	1976.207	11	3612.662	17	1191.848	12	.613	11	1.19	8	6.331	17
6		min	-1849.643	5	72.744	11	-1119.846	6	-3.773	17	-1.2	2	-1.189	11
7	Totals:	max	4140.168	10	9491.853	19	4221.556	1						
8		min	-4140.168	4	2645.549	64	-4221.557	7						

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

	Member	Shape	Code	Ch...	Lo...	LC	She...	Lo...	LC	phi*	phi*	phi*	phi*Mn z...	Cb	Eqn
1	M1	PIPE_3...	.167	9....	21	.122	9....		8	2126...	.65205	5.749	5.749	2.51	H1-1b
2	M4	HSS4X...	.439	0	13	.090	0	y	13	1247...	.1395...	16.181	16.181	3.104	H1-1b
3	M10	HSS4X...	.234	2....	14	.084	2....	y	13	1362...	.1395...	16.181	16.181	1.632	H1-1b
4	MP1A	PIPE_2...	.348	2	7	.160	2		7	2086...	.32130	1.872	1.872	2.064	H1-1b
5	M43	HSS4X...	.236	0	24	.084	0	y	13	1362...	.1395...	16.181	16.181	1.63	H1-1b
6	M46	PL1/2x6	.247	.516	8	.165	1....	y	4	6600...	.97200	1.012	12.15	1.455	H1-1b
7	M51B	L2.5x2...	.096	0	3	.016	0	y	16	1648...	.2919...	.873	1.753	1.316	H2-1
8	M52B	L2.5x2...	.097	4....	22	.016	4....	y	22	1648...	.2919...	.873	1.701	1.154	H2-1
9	M76	PL3/8x6	.319	0	11	.425	0	y	16	7067...	.72900	.57	9.113	1.176	H1-1b
10	M77	PL3/8x6	.319	.167	7	.762	0	y	13	7160...	.72900	.57	9.113	1.054	H1-1b
11	M80	PL1/2x6	.145	.112	1	.169	.112	y	5	9675...	.97200	1.012	12.15	1.095	H1-1b
12	M84	PL3/8x6	.359	0	3	.442	0	y	22	7067...	.72900	.57	9.113	1.17	H1-1b
13	M85	PL3/8x6	.323	.167	7	.768	0	y	13	7160...	.72900	.57	9.113	1.035	H1-1b
14	M91	PL1/2x6	.145	.112	1	.159	0	y	3	9675...	.97200	1.012	12.15	1.094	H1-1b
15	M28B	PIPE_3...	.176	9....	16	.125	9....		4	2126...	.65205	5.749	5.749	2.368	H1-1b
16	M29	PIPE_3...	.166	4....	21	.126	10...		11	2126...	.65205	5.749	5.749	2.25	H1-1b
17	M30	HSS4X...	.436	0	21	.098	0	y	21	1247...	.1395...	16.181	16.181	3.169	H1-1b
18	M31	HSS4X...	.228	2....	22	.082	2....	y	21	1362...	.1395...	16.181	16.181	1.632	H1-1b
19	M32	HSS4X...	.232	0	20	.082	0	y	21	1362...	.1395...	16.181	16.181	1.629	H1-1b
20	M33	PL1/2x6	.249	.516	3	.161	.516	y	48	6600...	.97200	1.012	12.15	1.206	H1-1b
21	M34	L2.5x2...	.095	0	11	.015	0	y	24	1648...	.2919...	.873	1.753	1.316	H2-1
22	M35	L2.5x2...	.099	4....	18	.016	4....	y	18	1648...	.2919...	.873	1.701	1.154	H2-1
23	M38	PL3/8x6	.301	0	7	.405	0	y	23	7067...	.72900	.57	9.113	1.187	H1-1b
24	M39	PL3/8x6	.314	.167	3	.744	0	y	21	7160...	.72900	.57	9.113	1.052	H1-1b
25	M41	PL1/2x6	.142	.112	9	.159	.112	y	1	9675...	.97200	1.012	12.15	1.096	H1-1b
26	M43A	PL3/8x6	.343	0	11	.432	0	y	19	7067...	.72900	.57	9.113	1.184	H1-1b
27	M44	PL3/8x6	.320	.167	3	.755	0	y	21	7160...	.72900	.57	9.113	1.043	H1-1b
28	M46A	PL1/2x6	.145	.112	9	.161	0	y	47	9675...	.97200	1.012	12.15	1.086	H1-1b
29	M54	HSS4X...	.457	0	17	.102	0	y	17	1247...	.1395...	16.181	16.181	3.122	H1-1b
30	M55	HSS4X...	.236	2....	18	.086	2....	y	17	1362...	.1395...	16.181	16.181	1.633	H1-1b
31	M56	HSS4X...	.239	0	16	.085	0	y	17	1362...	.1395...	16.181	16.181	1.63	H1-1b
32	M57	PL1/2x6	.250	.516	6	.171	.516	y	15	6600...	.97200	1.012	12.15	1.388	H1-1b
33	M58A	L2.5x2...	.095	0	7	.015	0	y	20	1648...	.2919...	.873	1.762	1.346	H2-1
34	M59A	L2.5x2...	.104	4....	14	.017	4....	y	14	1648...	.2919...	.873	1.698	1.146	H2-1
35	M62	PL3/8x6	.319	0	3	.422	0	y	20	7067...	.72900	.57	9.113	1.175	H1-1b
36	M63	PL3/8x6	.317	.167	11	.771	0	y	17	7160...	.72900	.57	9.113	1.064	H1-1b
37	M65	PL1/2x6	.143	.112	5	.163	.112	y	9	9675...	.97200	1.012	12.15	1.1	H1-1b
38	M67	PL3/8x6	.360	0	7	.437	0	y	15	7067...	.72900	.57	9.113	1.185	H1-1b
39	M68	PL3/8x6	.321	.167	11	.778	0	y	17	7160...	.72900	.57	9.113	1.057	H1-1b
40	M70	PL1/2x6	.146	.112	5	.156	0	y	7	9675...	.97200	1.012	12.15	1.089	H1-1b
41	MP2A	PIPE_2...	.364	4.5	9	.156	2		7	2086...	.32130	1.872	1.872	1.982	H1-1b
42	MP3A	PIPE_2...	.330	5.5	10	.128	5.5		4	3003...	.50715	3.596	3.596	3.666	H1-1b
43	MP4A	PIPE_2...	.416	4.5	5	.160	4.5		7	2086...	.32130	1.872	1.872	1.992	H1-1b
44	MP5A	PIPE_2...	.324	4.5	6	.186	2		7	2086...	.32130	1.872	1.872	2.023	H1-1b
45	MP1C	PIPE_2...	.359	2	3	.161	2		3	2086...	.32130	1.872	1.872	1.902	H1-1b
46	MP2C	PIPE_2...	.398	4.5	5	.151	4.5		3	2086...	.32130	1.872	1.872	2.037	H1-1b
47	MP3C	PIPE_2...	.336	5.5	12	.131	5.5		12	3003...	.50715	3.596	3.596	3.972	H1-1b
48	MP4C	PIPE_2...	.391	4.5	1	.167	4.5		3	2086...	.32130	1.872	1.872	1.903	H1-1b
49	MP5C	PIPE_2...	.310	4.5	2	.183	2		3	2086...	.32130	1.872	1.872	1.989	H1-1b
50	MP1B	PIPE_2...	.356	2	11	.165	2		11	2086...	.32130	1.872	1.872	1.915	H1-1b
51	MP2B	PIPE_2...	.384	4.5	1	.153	4.5		11	2086...	.32130	1.872	1.872	1.939	H1-1b
52	MP3B	PIPE_2...	.327	5.5	8	.126	5.5		8	3003...	.50715	3.596	3.596	3.393	H1-1b
53	MP4B	PIPE_2...	.397	4.5	9	.156	4.5		11	2086...	.32130	1.872	1.872	2.025	H1-1b
54	MP5B	PIPE_2...	.318	4.5	10	.163	2		11	2086...	.32130	1.872	1.872	2.352	H1-1b
55	M106	PIPE_2...	.108	2.5	7	.014	2.5		7	2884...	.32130	1.872	1.872	1.471	H1-1b
56	M108	PIPE_2...	.108	2.5	7	.014	2.5		7	2884...	.32130	1.872	1.872	1.471	H1-1b
57	M110	PIPE_2...	.245	11...	5	.147	11...		1	1248...	.50715	3.596	3.596	1.466	H1-1b
58	M116	PIPE_2...	.251	11...	1	.153	6.75		4	1248...	.50715	3.596	3.596	1.399	H1-1b

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

	Member	Shape	Code Ch...	Lo...	LC	She...	Lo...	LC	phi*...	phi*...	phi*...	phi*Mn z-...	Cb	Eqn
59	M122	PIPE_2...	.246	11...	8	.150	10...	12	1248...	50715	3.596	3.596	1.496	H1-1b
60	M134	L3X3X4	.592	2....	10	.050	0 y	10	4033...	46656	1.688	3.756	2.262	H2-1
61	M135	L3X3X4	.575	2....	6	.050	.053 y	6	4033...	46656	1.688	3.756	2.256	H2-1
62	M136	L3X3X4	.605	2....	2	.052	0 y	2	4033...	46656	1.688	3.756	2.256	H2-1

I. Mount-to-Tower Connection Check

Custom Orientation Required

No

Tower Connection Bolt Checks

Yes

Bolt Orientation

Parallel

Bolt Quantity per Reaction:

4

d_x (in) (Delta X of typ. bolt config. sketch):

7

d_y (in) (Delta Y of typ. bolt config. sketch):

7

Bolt Type:

A325N

Bolt Diameter (in):

0.625

Required Tensile Strength / bolt (kips):

6.4

Required Shear Strength / bolt (kips):

0.9

Tensile Capacity / bolt (kips):

20.7

Shear Capacity / bolt (kips):

12.4

Bolt Overall Utilization:

31.0%

Tower Connection Baseplate Checks

Yes

Connecting Standoff Member Shape:

Rect Tube

Weld Stiffener Configuration:

No Stiffeners

Plate Width, D_x (in):

10

Plate Height, D_y (in):

10

W_1 (in):

4

W_2 (in):

4

Member Thickness (in):

0.25

Stiffener location a_1 (in):

Stiffener location b_1 (in):

Stiffener location a_2 (in):

Stiffener location b_2 (in):

F_y (ksi, plate):

36

Plate Thickness (in):

0.625

Length of Yield Line, L_y (in):

7.75

Bolt Eccentricity, e (in):

2.35

M_u (kip-in):

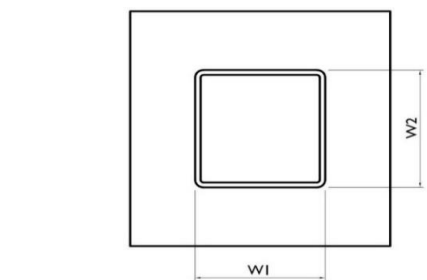
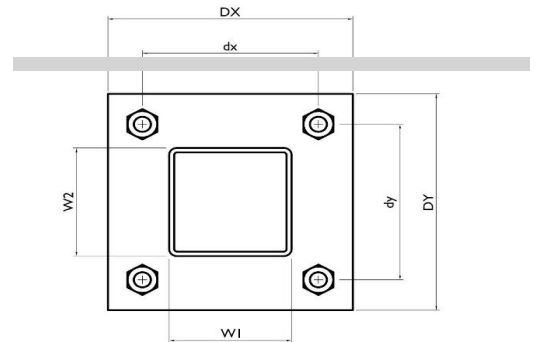
15.13

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

24.52

Plate Bending Utilization:

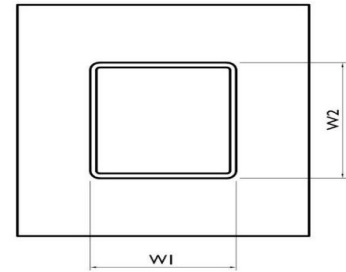
61.7%



Tower Connection Weld Checks

Weld Shape:
Weld Stiffener Configuration:
Stiffener Notch Length, n (in):
Weld Size (1/16 in):
W1 (in):
W2 (in):
Weld Total Length (in):
 Z_x (in³/in):
 Z_y (in³/in):
 J_p (in⁴/in):
 c_x (in)
 c_y (in)
Required combined strength (kip/in):
Weld Capacity (kip/in):
Weld Utilization:

Yes
Rectangle
None
6
4
4
16.00
21.33
21.33
85.33
2.25
2.25
2.80
8.35
33.5%



Date: **August 31, 2023**



Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351

Subject: Structural Analysis Report

Carrier Designation:	Verizon Wireless Co-Locate
	Site Number: 5000248208
	Site Name: Coventry North Ct
Crown Castle Designation:	BU Number: 876385
	Site Name: N. Coventry / Wallbeoff
	JDE Job Number: 751374
	Work Order Number: 2255308
	Order Number: 654625 Rev. 0
Engineering Firm Designation:	TEP Project Number: 217672.880390
Site Data:	Reilly Mtn. Rd., Coventry, Tolland County, CT 6238
	Latitude 41° 47' 56.21", Longitude -72° 19' 55.88"
	152 Foot - Monopole Tower

Tower Engineering Professionals 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 – 35.7%

This analysis utilizes an ultimate 3-second gust wind speed of 119 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Gautam Sopal, E.I. / CLT

Respectfully submitted by:

Aaron T. Rucker, P.E.



Electronic Copy

08/31/2023

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1) INTRODUCTION

This tower is a 152-ft monopole tower designed by Engineered Endeavors, Inc.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	119 mph
Exposure Category:	B
Topographic Factor:	1.0
Ice Thickness:	1.5 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)
124.0	126.0	6	Antel	LPA-80080/6CF w/ Mount Pipe	20	1-5/8
		3	Antel	LPA-171080-12CF-EDIN-2 w/ Mount Pipe		
		6	Andrew	SBNHH-1D65B w/ Mount Pipe		
		3	Alcatel Lucent	RRH2x60-700		
		3	Alcatel Lucent	RRH4X45-AWS4 B66		
		3	Alcatel Lucent	RRH2X60-PCS		
		1	RFS Celwave	DB-T1-6Z-8AB-0Z		
		3	Kaelus	BSF0020F3V1		
	124.0	1	Tower Mounts	Platform Mount [LP 304-1]		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
151.0	161.0	1	Dbspectra	DS9A09F36D-N	2 2 1	1-5/8 7/8 1/2
	158.0	1	Dbspectra	DS2C00F36D-D		
	151.0	1	Bird Technologies Group	430-94C-09168-M-110/48		
		2	Tower Mounts	Pipe Mount [PM 601-1]		
150.0	152.0	3	Commscope	NNVV-65B-R4 w/ Mount Pipe	4	1-1/4
		3	RFS Celwave	APXVTM14-ALU-I20 w/ Mount Pipe		
		3	Nokia	FZHN		
		3	Alcatel Lucent	PCS 1900MHZ 4X45W-65MHZ		
		6	Alcatel Lucent	RRH2X50-800		
	150.0	1	Tower Mounts	Platform Mount [LP 602-1_KCKR]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
133.0	136.0	3	Ericsson	AIR 6419 B41_TMO w/ Mount Pipe	3	1-5/8
		3	Commscope	VV-65A-R1_TMO w/ Mount Pipe		
		3	RFS Celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		3	Ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		3	Ericsson	RADIO 4460 B2/B25 B66_TMO		
	133.0	1	Tower Mounts	Platform Mount [LP 304-1]		
		1	Site Pro 1	HRK-14 Support Rail		
116.0	120.0	3	Powerwave Technologies	7770.00 w/ Mount Pipe	12 4 2	1-1/4 3/4 3/8
		2	Kathrein	80010965 w/ Mount Pipe		
		1	Kathrein	80010966 w/ Mount Pipe		
		2	CCI Antennas	HPA-65R-BUU-H6 w/ Mount Pipe		
		1	CCI Antennas	HPA-65R-BUU-H8 w/ Mount Pipe		
		6	Powerwave Technologies	7020.00		
		3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 32		
		2	Raycap	DC6-48-60-18-8F		
		3	Ericsson	RRUS-11		
		3	Ericsson	RRUS 32 B2		
		6	Powerwave Technologies	LGP21401		
	116.0	1	Tower Mounts	Platform Mount [LP 1201-1_HR-1]		
106.0	106.0	3	JMA Wireless	MX08FRO665-21 w/ Mount Pipe	1	1-1/2
		3	Fujitsu	TA08025-B604		
		3	Fujitsu	TA08025-B605		
		1	Raycap	RDIDC-9181-PF-48		
		1	Tower Mounts	Commscope MC-PK8-DSH		
74.0	75.0	1	Lucent	KS24019-L112A	1	1/2
	74.0	1	Tower Mounts	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Geotechnical Report	1531969	CCISites
Tower Foundation Drawings	1441268	CCISites
Tower Manufacturer Drawings	1614566	CCISites

3.1) Analysis Method

tnxTower (version 8.1.1.0), 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.

3.2) Assumptions

- 1) The 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. Tower Engineering Professionals should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (k)	ΦP_{allow} (k)	% Capacity	Pass / Fail
L1	152 - 137.42	Pole	TP37.31x33.03x0.3125	1	-5.21	2161.65	2.5	Pass
L2	137.42 - 91.09	Pole	TP50.15x35.1673x0.375	2	-31.95	3493.83	18.5	Pass
L3	91.09 - 44.79	Pole	TP62.86x47.413x0.4375	3	-49.80	5115.60	26.5	Pass
L4	44.79 - 0	Pole	TP75x59.537x0.5	4	-79.03	7262.37	28.9	Pass
							Summary	
						Pole (L4)	28.9	Pass
						RATING =	28.9	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	-	25.7	Pass
1,2	Base Plate	-	35.7	Pass
1,2	Base Foundation Structural	-	32.5	Pass
1,2	Base Foundation Soil Interaction	-	35.2	Pass

Structure Rating (max from all components) =	35.7%
---	--------------

Notes:

- 1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity listed.
- 2) Rating per TIA-222-H Section 15.5

4.1) Recommendations

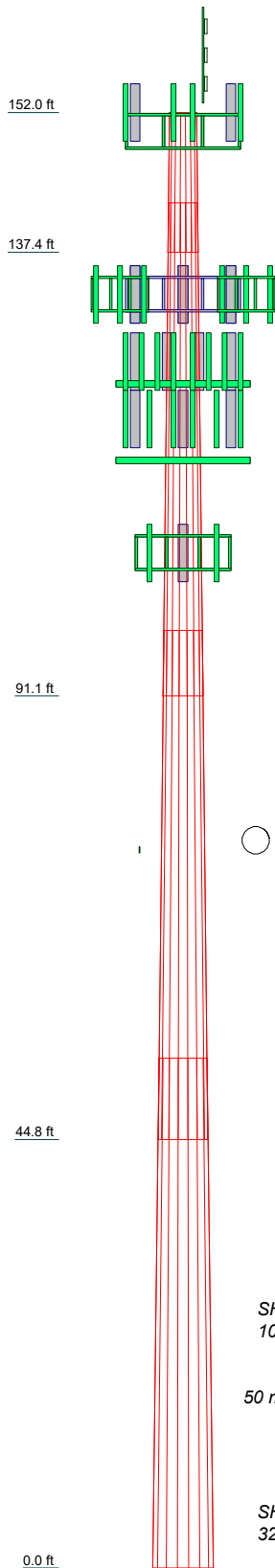
- 1) The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

\

APPENDIX A

TNXTOWER OUTPUT

Section	1	2	3	4	
Length (ft)	14.58	51.50	53.13	53.21	
Number of Sides	18	18	18	18	
Thickness (in)	0.3125	0.3750	0.4375	0.5000	
Socket Length (ft)	5.17	6.83	8.42		
Top Dia (in)	33.0300	35.1673	47.4130	59.5370	
Bot Dia (in)	37.3100	50.1500	62.8600	75.0000	
Grade			A572-65		
Weight (K)	1.7	8.8	13.7	19.2	43.5

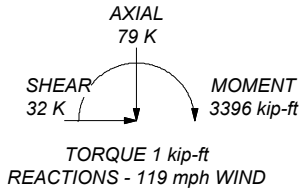
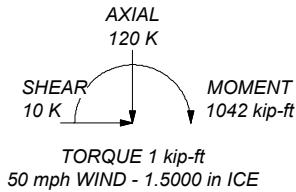


MATERIAL STRENGTH					
GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Tolland County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 119 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 28.9%

ALL REACTIONS
ARE FACTORED



 Tower Engineering Professionals	Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350			Job: N. Coventry / Wallbeoff (BU 876385)		
	Project: TEP No. 217672.880390					
	Client: Crown Castle		Drawn by: zschartraw		App'd:	
	Code: TIA-222-H		Date: 08/31/23		Scale: NTS	
	Path:				Dwg No. E-1	

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job N. Coventry / Wallbeoff (BU 876385)	Page 1 of 15
	Project TEP No. 217672.880390	Date 14:48:00 08/31/23
	Client Crown Castle	Designed by zschartraw

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 Tolland County, Connecticut.
 Tower base elevation above sea level: 707.00 ft.
 Basic wind speed of 119 mph.
 Risk Category II.
 Exposure Category B.
 Simplified Topographic Factor Procedure for wind speed-up calculations is used.
 Topographic Category: 1.
 Crest Height: 0.00 ft.
 Nominal ice thickness of 1.5000 in.
 Ice thickness is considered to increase with height.
 Ice density of 56 pcf.
 A wind speed of 50 mph is used in combination with ice.
 Temperature drop of 50 °F.
 Deflections calculated using a wind speed of 60 mph.
 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 Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification ✓ Use Code Stress Ratios ✓ Use Code Safety Factors - Guys Escalate Ice Always Use Max Kz Use Special Wind Profile Include Bolts In Member Capacity Leg Bolts Are At Top Of Section Secondary Horizontal Braces Leg Use Diamond Inner Bracing (4 Sided) SR Members Have Cut Ends SR Members Are Concentric	Distribute Leg Loads As Uniform Assume Legs Pinned ✓ Assume Rigid Index Plate ✓ Use Clear Spans For Wind Area Use Clear Spans For KL/r Retension Guys To Initial Tension ✓ Bypass Mast Stability Checks ✓ Use Azimuth Dish Coefficients ✓ Project Wind Area of Appurt. Autocalc Torque Arm Areas Add IBC .6D+W Combination ✓ Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs	Use ASCE 10 X-Brace Ly Rules Calculate Redundant Bracing Forces Ignore Redundant Members in FEA SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation ✓ Consider Feed Line Torque Include Angle Block Shear Check Use TIA-222-H Bracing Resist. Exemption Use TIA-222-H Tension Splice Exemption Poles ✓ Include Shear-Torsion Interaction Always Use Sub-Critical Flow Use Top Mounted Sockets ✓ Pole Without Linear Attachments Pole With Shroud Or No Appurtenances Outside and Inside Corner Radii Are Known
--	---	--

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	N. Coventry / Wallbeoff (BU 876385)	Page	2 of 15
	Project	TEP No. 217672.880390	Date	14:48:00 08/31/23
	Client	Crown Castle	Designed by	zschartraw

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	152.00-137.42	14.58	5.17	18	33.0300	37.3100	0.3125	1.2500	A572-65 (65 ksi)
L2	137.42-91.09	51.50	6.83	18	35.1673	50.1500	0.3750	1.5000	A572-65 (65 ksi)
L3	91.09-44.79	53.13	8.42	18	47.4130	62.8600	0.4375	1.7500	A572-65 (65 ksi)
L4	44.79-0.00	53.21		18	59.5370	75.0000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in ²	I in ⁴	r in	C in	I/C in ³	J in ⁴	It/Q in ²	w in	w/t
L1	33.4913	32.4517	4388.6882	11.6147	16.7792	261.5546	8783.1512	16.2289	5.2633	16.842
	37.8374	36.6969	6346.1675	13.1341	18.9535	334.8286	12700.6855	18.3519	6.0166	19.253
L2	37.1793	41.4116	6333.2445	12.3513	17.8650	354.5056	12674.8225	20.7097	5.5295	14.745
	50.8658	59.2447	18544.2574	17.6701	25.4762	727.9052	37112.9158	29.6280	8.1664	21.777
L3	50.0933	65.2313	18185.9526	16.6763	24.0858	755.0489	36395.8347	32.6219	7.5747	17.314
	63.7622	86.6814	42672.2855	22.1600	31.9329	1336.3118	85400.7203	43.3490	10.2934	23.528
L4	62.8629	93.6917	41255.9424	20.9581	30.2448	1364.0682	82566.1704	46.8547	9.5985	19.197
	76.0799	118.2315	82905.4718	26.4475	38.1000	2175.9966	165920.032	59.1270	12.3200	24.64

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 152.00-137.42				1	1	1			
L2 137.42-91.09				1	1	1			
L3 91.09-44.79				1	1	1			
L4 44.79-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Clear Spacing in	Width or Diameter in	Perimeter in	Weight plf
**											

Feed Line/Linear Appurtenances - Entered As Area

<i>tnxTower</i> <i>Tower Engineering Professionals</i> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job N. Coventry / Wallbeoff (BU 876385)	Page 3 of 15
	Project TEP No. 217672.880390	Date 14:48:00 08/31/23
	Client Crown Castle	Designed by zschartraw

<i>Description</i>	<i>Face or Leg</i>	<i>Allow Shield</i>	<i>Exclude From Torque Calculation</i>	<i>Component Type</i>	<i>Placement ft</i>	<i>Total Number</i>		<i>C_AA_A ft²/ft</i>	<i>Weight plf</i>
Safety									
Safety Line 3/8	A	No	No	CaAa (Out Of Face)	152.00 - 0.00	1	No Ice	0.04	0.22
							1/2" Ice	0.14	0.75
							1" Ice	0.24	1.28
							2" Ice	0.44	2.34
Step Pegs (5/8" SR) 7-in. w/30" step	A	No	No	CaAa (Out Of Face)	152.00 - 0.00	1	No Ice	0.03	0.49
							1/2" Ice	0.14	1.01
							1" Ice	0.23	2.07
							2" Ice	0.43	6.09
151									
HCA78-50J(7/8)	A	No	No	Inside Pole	151.00 - 0.00	2	No Ice	0.00	0.46
							1/2" Ice	0.00	0.46
							1" Ice	0.00	0.46
							2" Ice	0.00	0.46
FLC 12-50J(1/2")	A	No	No	Inside Pole	151.00 - 0.00	1	No Ice	0.00	0.17
							1/2" Ice	0.00	0.17
							1" Ice	0.00	0.17
							2" Ice	0.00	0.17
FLC 158-50J(1-5/8")	A	No	No	Inside Pole	151.00 - 0.00	2	No Ice	0.00	0.92
							1/2" Ice	0.00	0.92
							1" Ice	0.00	0.92
							2" Ice	0.00	0.92
150									
HB114-1-0813U4-M 5J(1-1/4)	C	No	No	Inside Pole	150.00 - 0.00	3	No Ice	0.00	1.20
							1/2" Ice	0.00	1.20
							1" Ice	0.00	1.20
							2" Ice	0.00	1.20
HB114-13U3M12-X XXF(1-1/4)	C	No	No	Inside Pole	150.00 - 0.00	1	No Ice	0.00	0.99
							1/2" Ice	0.00	0.99
							1" Ice	0.00	0.99
							2" Ice	0.00	0.99
133									
HCS 6X12 4AWG(1-5/8")	C	No	No	Inside Pole	133.00 - 0.00	1	No Ice	0.00	2.40
							1/2" Ice	0.00	2.40
							1" Ice	0.00	2.40
							2" Ice	0.00	2.40
HB158-21U6S24-xx M_TMO(1-5/8)	C	No	No	Inside Pole	133.00 - 0.00	2	No Ice	0.00	2.50
							1/2" Ice	0.00	2.50
							1" Ice	0.00	2.50
							2" Ice	0.00	2.50
124									
LDF7-50A(1-5/8")	C	No	No	Inside Pole	124.00 - 0.00	18	No Ice	0.00	0.82
							1/2" Ice	0.00	0.82
							1" Ice	0.00	0.82
							2" Ice	0.00	0.82
HB158-1-08U8-S8J 18(1-5/8)	C	No	No	Inside Pole	124.00 - 0.00	2	No Ice	0.00	1.30
							1/2" Ice	0.00	1.30
							1" Ice	0.00	1.30
							2" Ice	0.00	1.30
116									
LCF114-50J(1-1/4)	A	No	No	Inside Pole	116.00 - 0.00	12	No Ice	0.00	0.70
							1/2" Ice	0.00	0.70
							1" Ice	0.00	0.70
							2" Ice	0.00	0.70
WR-VG86ST-BRD(3/4)	A	No	No	Inside Pole	116.00 - 0.00	4	No Ice	0.00	0.58
							1/2" Ice	0.00	0.58
							1" Ice	0.00	0.58
							2" Ice	0.00	0.58
FB-L98B-034-XXX(3/8)	A	No	No	Inside Pole	116.00 - 0.00	2	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06

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Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_{AA} ft^2/ft	Weight plf
2" Flexible Conduit	A	No	No	Inside Pole	116.00 - 0.00	2	1" Ice	0.00	0.06
							2" Ice	0.00	0.06
							No Ice	0.00	0.34
							1/2" Ice	0.00	0.34
							1" Ice	0.00	0.34
							2" Ice	0.00	0.34
106									
CU12PSM9P6XXX(1-1/2)	B	No	No	Inside Pole	106.00 - 0.00	1	No Ice	0.00	2.35
							1/2" Ice	0.00	2.35
							1" Ice	0.00	2.35
							2" Ice	0.00	2.35
74									
LDF4-50A(1/2)	C	No	No	Inside Pole	74.00 - 0.00	1	No Ice	0.00	0.15
							1/2" Ice	0.00	0.15
							1" Ice	0.00	0.15
							2" 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	$C_A A_A$ In Face ft ²	$C_A A_A$ Out Face ft ²	Weight K
L1	152.00-137.42	A	0.000	0.000	0.000	1.057	0.05
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.06
L2	137.42-91.09	A	0.000	0.000	0.000	3.359	0.46
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	1.09
L3	91.09-44.79	A	0.000	0.000	0.000	3.357	0.70
		B	0.000	0.000	0.000	0.000	0.11
		C	0.000	0.000	0.000	0.000	1.36
L4	44.79-0.00	A	0.000	0.000	0.000	3.247	0.68
		B	0.000	0.000	0.000	0.000	0.11
		C	0.000	0.000	0.000	0.000	1.32

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	$C_A A_A$ In Face ft ²	$C_A A_A$ Out Face ft ²	Weight K
L1	152.00-137.42	A	1.478	0.000	0.000	0.000	9.677	0.12
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.06
L2	137.42-91.09	A	1.443	0.000	0.000	0.000	30.748	0.69
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	1.09
L3	91.09-44.79	A	1.370	0.000	0.000	0.000	30.072	0.93
		B		0.000	0.000	0.000	0.000	0.11
		C		0.000	0.000	0.000	0.000	1.36
L4	44.79-0.00	A	1.224	0.000	0.000	0.000	27.788	0.88

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Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft ²	A_F ft ²	$C_A A_A$ In Face ft ²	$C_A A_A$ Out Face ft ²	Weight K
		B		0.000	0.000	0.000	0.000	0.11
		C		0.000	0.000	0.000	0.000	1.32

Feed Line Center of Pressure

Section	Elevation ft	CP_x in	CP_z in	CP_x Ice in	CP_z Ice in
L1	152.00-137.42	0.0000	-0.6555	0.0000	-2.7762
L2	137.42-91.09	0.0000	-0.6602	0.0000	-2.9023
L3	91.09-44.79	0.0000	-0.6647	0.0000	-2.9789
L4	44.79-0.00	0.0000	-0.6675	0.0000	-2.9456

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

Discrete Tower Loads

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>		<i>C_AA_A Front ft²</i>	<i>C_AA_A Side ft²</i>	<i>Weight K</i>					
151														
DS9A09F36D-N	A	From Leg	1.00	0.0000	151.00	No Ice	6.33	6.33	0.08					
			0.00			1/2" Ice	8.47	8.47	0.12					
			10.00			1" Ice	10.63	10.63	0.18					
						2" Ice	14.99	14.99	0.34					
			DS2C00F36D-D			B	From Leg	1.00	0.0000	151.00	No Ice	4.08	4.08	0.04
								0.00			1/2" Ice	5.47	5.47	0.07
7.00	1" Ice	6.88		6.88	0.11									
						2" Ice	9.55	9.55	0.21					
			430-94C-09168-M-110/48			B	From Leg	1.00	0.0000	151.00	No Ice	1.03	1.03	0.02
								0.00			1/2" Ice	1.17	1.17	0.03
0.00	1" Ice	1.32		1.32	0.04									
						2" Ice	1.64	1.64	0.07					
			Pipe Mount [PM 601-1]			A	From Leg	0.50	0.0000	151.00	No Ice	1.32	1.32	0.07
								0.00			1/2" Ice	1.58	1.58	0.08
0.00	1" Ice	1.84		1.84	0.09									
						2" Ice	2.40	2.40	0.13					
			Pipe Mount [PM 601-1]			B	From Leg	0.50	0.0000	151.00	No Ice	1.32	1.32	0.07
								0.00			1/2" Ice	1.58	1.58	0.08
0.00	1" Ice	1.84		1.84	0.09									
						2" Ice	2.40	2.40	0.13					
			150											
			NNVV-65B-R4 w/ Mount Pipe			A	From Centroid-Le g	4.00	0.0000	150.00	No Ice	7.55	4.23	0.11
0.00	1/2" Ice	8.04		4.67	0.20									
2.00	1" Ice	8.53		5.12	0.30									
						2" Ice	9.56	6.05	0.53					
			NNVV-65B-R4 w/ Mount			B	From	4.00	0.0000	150.00	No Ice	7.55	4.23	0.11

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<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>	<i>C_{AA} Front ft²</i>	<i>C_{AA} Side ft²</i>	<i>Weight K</i>
Pipe		Centroid-Le g	0.00 2.00			1/2" Ice 8.04 1" Ice 8.53 2" Ice 9.56	4.67 5.12 6.05	0.20 0.30 0.53
NNVV-65B-R4 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 7.55 1/2" Ice 8.04 1" Ice 8.53 2" Ice 9.56	4.23 4.67 5.12 6.05	0.11 0.20 0.30 0.53
APXVTM14-ALU-I20 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 4.09 1/2" Ice 4.48 1" Ice 4.88 2" Ice 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXVTM14-ALU-I20 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 4.09 1/2" Ice 4.48 1" Ice 4.88 2" Ice 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
APXVTM14-ALU-I20 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 4.09 1/2" Ice 4.48 1" Ice 4.88 2" Ice 5.71	2.86 3.23 3.61 4.40	0.08 0.13 0.19 0.33
FZHN	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.03 1/2" Ice 2.21 1" Ice 2.39 2" Ice 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
FZHN	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.03 1/2" Ice 2.21 1" Ice 2.39 2" Ice 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
FZHN	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.03 1/2" Ice 2.21 1" Ice 2.39 2" Ice 2.79	0.62 0.73 0.84 1.10	0.05 0.06 0.08 0.12
PCS 1900MHZ 4X45W-65MHZ	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.32 1/2" Ice 2.53 1" Ice 2.74 2" Ice 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHZ 4X45W-65MHZ	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.32 1/2" Ice 2.53 1" Ice 2.74 2" Ice 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
PCS 1900MHZ 4X45W-65MHZ	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.32 1/2" Ice 2.53 1" Ice 2.74 2" Ice 3.19	2.24 2.44 2.65 3.09	0.06 0.08 0.11 0.17
(2) RRH2X50-800	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.13 1/2" Ice 2.32 1" Ice 2.51 2" Ice 2.92	1.77 1.95 2.13 2.51	0.05 0.07 0.10 0.16
(2) RRH2X50-800	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.13 1/2" Ice 2.32 1" Ice 2.51 2" Ice 2.92	1.77 1.95 2.13 2.51	0.05 0.07 0.10 0.16
(2) RRH2X50-800	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	150.00	No Ice 2.13 1/2" Ice 2.32 1" Ice 2.51 2" Ice 2.92	1.77 1.95 2.13 2.51	0.05 0.07 0.10 0.16
Platform Mount [LP 602-1_KCKR]	C	None		0.0000	150.00	No Ice 42.30 1/2" Ice 49.04	42.30 49.04	1.62 2.38

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
						1" Ice	55.87	55.87	3.27
						2" Ice	69.85	69.85	5.40
Transition Ladder	C	From	2.00	0.0000	150.00	No Ice	6.00	6.00	0.16
		Centroid-Le	0.00			1/2" Ice	8.00	8.00	0.24
		g	-4.00			1" Ice	10.00	10.00	0.32
						2" Ice	14.00	14.00	0.48
2.4" Dia x 6-ft Pipe	A	From	4.00	0.0000	150.00	No Ice	1.43	1.43	0.02
		Centroid-Le	0.00			1/2" Ice	1.93	1.93	0.03
		g	0.00			1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
2.4" Dia x 6-ft Pipe	B	From	4.00	0.0000	150.00	No Ice	1.43	1.43	0.02
		Centroid-Le	0.00			1/2" Ice	1.93	1.93	0.03
		g	0.00			1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
2.4" Dia x 6-ft Pipe	C	From	4.00	0.0000	150.00	No Ice	1.43	1.43	0.02
		Centroid-Le	0.00			1/2" Ice	1.93	1.93	0.03
		g	0.00			1" Ice	2.30	2.30	0.05
						2" Ice	3.06	3.06	0.09
133									
AIR 6419 B41_TMO w/ Mount Pipe	A	From	4.00	0.0000	133.00	No Ice	6.58	3.50	0.11
		Centroid-Fa	0.00			1/2" Ice	7.06	3.90	0.16
		ce	3.00			1" Ice	7.57	4.32	0.22
						2" Ice	8.62	5.20	0.36
AIR 6419 B41_TMO w/ Mount Pipe	B	From	4.00	0.0000	133.00	No Ice	6.58	3.50	0.11
		Centroid-Fa	0.00			1/2" Ice	7.06	3.90	0.16
		ce	3.00			1" Ice	7.57	4.32	0.22
						2" Ice	8.62	5.20	0.36
AIR 6419 B41_TMO w/ Mount Pipe	C	From	4.00	0.0000	133.00	No Ice	6.58	3.50	0.11
		Centroid-Fa	0.00			1/2" Ice	7.06	3.90	0.16
		ce	3.00			1" Ice	7.57	4.32	0.22
						2" Ice	8.62	5.20	0.36
VV-65A-R1_TMO w/ Mount Pipe	A	From	4.00	0.0000	133.00	No Ice	4.46	2.69	0.05
		Centroid-Fa	0.00			1/2" Ice	4.91	3.10	0.10
		ce	3.00			1" Ice	5.36	3.52	0.15
						2" Ice	6.32	4.41	0.28
VV-65A-R1_TMO w/ Mount Pipe	B	From	4.00	0.0000	133.00	No Ice	4.46	2.69	0.05
		Centroid-Fa	0.00			1/2" Ice	4.91	3.10	0.10
		ce	3.00			1" Ice	5.36	3.52	0.15
						2" Ice	6.32	4.41	0.28
VV-65A-R1_TMO w/ Mount Pipe	C	From	4.00	0.0000	133.00	No Ice	4.46	2.69	0.05
		Centroid-Fa	0.00			1/2" Ice	4.91	3.10	0.10
		ce	3.00			1" Ice	5.36	3.52	0.15
						2" Ice	6.32	4.41	0.28
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From	4.00	0.0000	133.00	No Ice	14.69	6.87	0.19
		Centroid-Fa	0.00			1/2" Ice	15.46	7.55	0.31
		ce	3.00			1" Ice	16.23	8.25	0.46
						2" Ice	17.82	9.67	0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From	4.00	0.0000	133.00	No Ice	14.69	6.87	0.19
		Centroid-Fa	0.00			1/2" Ice	15.46	7.55	0.31
		ce	3.00			1" Ice	16.23	8.25	0.46
						2" Ice	17.82	9.67	0.79
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From	4.00	0.0000	133.00	No Ice	14.69	6.87	0.19
		Centroid-Fa	0.00			1/2" Ice	15.46	7.55	0.31
		ce	3.00			1" Ice	16.23	8.25	0.46
						2" Ice	17.82	9.67	0.79
RADIO 4449 B71 B85A_T-MOBILE	A	From	4.00	0.0000	133.00	No Ice	1.97	1.59	0.07
		Centroid-Fa	0.00			1/2" Ice	2.15	1.75	0.09

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Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
		ce	3.00			1" Ice	2.33	1.92	0.12
						2" Ice	2.72	2.28	0.17
RADIO 4449 B71	B	From	4.00	0.0000	133.00	No Ice	1.97	1.59	0.07
B85A_T-MOBILE		Centroid-Fa	0.00			1/2" Ice	2.15	1.75	0.09
		ce	3.00			1" Ice	2.33	1.92	0.12
						2" Ice	2.72	2.28	0.17
RADIO 4449 B71	C	From	4.00	0.0000	133.00	No Ice	1.97	1.59	0.07
B85A_T-MOBILE		Centroid-Fa	0.00			1/2" Ice	2.15	1.75	0.09
		ce	3.00			1" Ice	2.33	1.92	0.12
						2" Ice	2.72	2.28	0.17
RADIO 4460 B2/B25	A	From	4.00	0.0000	133.00	No Ice	2.14	1.69	0.11
B66_TMO		Centroid-Fa	0.00			1/2" Ice	2.32	1.85	0.13
		ce	3.00			1" Ice	2.51	2.02	0.16
						2" Ice	2.91	2.39	0.22
RADIO 4460 B2/B25	B	From	4.00	0.0000	133.00	No Ice	2.14	1.69	0.11
B66_TMO		Centroid-Fa	0.00			1/2" Ice	2.32	1.85	0.13
		ce	3.00			1" Ice	2.51	2.02	0.16
						2" Ice	2.91	2.39	0.22
RADIO 4460 B2/B25	C	From	4.00	0.0000	133.00	No Ice	2.14	1.69	0.11
B66_TMO		Centroid-Fa	0.00			1/2" Ice	2.32	1.85	0.13
		ce	3.00			1" Ice	2.51	2.02	0.16
						2" Ice	2.91	2.39	0.22
Platform Mount [LP	C	None		0.0000	133.00	No Ice	21.41	21.41	1.60
304-1_HR-1]						1/2" Ice	26.62	26.62	2.06
						1" Ice	31.66	31.66	2.60
						2" Ice	41.38	41.38	3.96
124									
(2) LPA-80080/6CF w/	A	From	4.00	0.0000	124.00	No Ice	3.02	7.80	0.06
Mount Pipe		Centroid-Le	0.00			1/2" Ice	3.57	8.42	0.12
		g	2.00			1" Ice	4.14	9.06	0.19
						2" Ice	5.32	10.37	0.37
(2) LPA-80080/6CF w/	B	From	4.00	0.0000	124.00	No Ice	3.02	7.80	0.06
Mount Pipe		Centroid-Le	0.00			1/2" Ice	3.57	8.42	0.12
		g	2.00			1" Ice	4.14	9.06	0.19
						2" Ice	5.32	10.37	0.37
(2) LPA-80080/6CF w/	C	From	4.00	0.0000	124.00	No Ice	3.02	7.80	0.06
Mount Pipe		Centroid-Le	0.00			1/2" Ice	3.57	8.42	0.12
		g	2.00			1" Ice	4.14	9.06	0.19
						2" Ice	5.32	10.37	0.37
LPA-171080-12CF-EDIN-2	A	From	4.00	0.0000	124.00	No Ice	3.96	7.10	0.04
w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.51	8.30	0.09
		g	2.00			1" Ice	5.03	9.24	0.14
						2" Ice	6.09	11.10	0.28
LPA-171080-12CF-EDIN-2	B	From	4.00	0.0000	124.00	No Ice	3.96	7.10	0.04
w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.51	8.30	0.09
		g	2.00			1" Ice	5.03	9.24	0.14
						2" Ice	6.09	11.10	0.28
LPA-171080-12CF-EDIN-2	C	From	4.00	0.0000	124.00	No Ice	3.96	7.10	0.04
w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.51	8.30	0.09
		g	2.00			1" Ice	5.03	9.24	0.14
						2" Ice	6.09	11.10	0.28
(2) SBNHH-1D65B w/	A	From	4.00	0.0000	124.00	No Ice	4.09	3.30	0.07
Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.49	3.68	0.13
		g	2.00			1" Ice	4.89	4.07	0.20
						2" Ice	5.72	4.87	0.39
(2) SBNHH-1D65B w/	B	From	4.00	0.0000	124.00	No Ice	4.09	3.30	0.07
Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.49	3.68	0.13

<i>tnxTower</i> <i>Tower Engineering Professionals</i> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	N. Coventry / Wallbeoff (BU 876385)	Page	9 of 15
	Project	TEP No. 217672.880390	Date	14:48:00 08/31/23
	Client	Crown Castle	Designed by	zschartraw

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
		g	2.00			1" Ice	4.89	4.07	0.20
						2" Ice	5.72	4.87	0.39
(2) SBNHH-1D65B w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	4.09	3.30	0.07
						1/2" Ice	4.49	3.68	0.13
						1" Ice	4.89	4.07	0.20
						2" Ice	5.72	4.87	0.39
RRH2x60-700	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	3.50	1.82	0.06
						1/2" Ice	3.76	2.05	0.08
						1" Ice	4.03	2.29	0.11
						2" Ice	4.58	2.79	0.17
RRH2x60-700	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	3.50	1.82	0.06
						1/2" Ice	3.76	2.05	0.08
						1" Ice	4.03	2.29	0.11
						2" Ice	4.58	2.79	0.17
RRH2x60-700	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	3.50	1.82	0.06
						1/2" Ice	3.76	2.05	0.08
						1" Ice	4.03	2.29	0.11
						2" Ice	4.58	2.79	0.17
RRH4X45-AWS4 B66	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	2.66	1.59	0.06
						1/2" Ice	2.88	1.77	0.08
						1" Ice	3.10	1.96	0.11
						2" Ice	3.58	2.36	0.17
RRH4X45-AWS4 B66	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	2.66	1.59	0.06
						1/2" Ice	2.88	1.77	0.08
						1" Ice	3.10	1.96	0.11
						2" Ice	3.58	2.36	0.17
RRH4X45-AWS4 B66	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	2.66	1.59	0.06
						1/2" Ice	2.88	1.77	0.08
						1" Ice	3.10	1.96	0.11
						2" Ice	3.58	2.36	0.17
RRH2X60-PCS	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	2.20	1.72	0.06
						1/2" Ice	2.39	1.90	0.08
						1" Ice	2.59	2.09	0.10
						2" Ice	3.01	2.48	0.16
RRH2X60-PCS	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	2.20	1.72	0.06
						1/2" Ice	2.39	1.90	0.08
						1" Ice	2.59	2.09	0.10
						2" Ice	3.01	2.48	0.16
RRH2X60-PCS	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	2.20	1.72	0.06
						1/2" Ice	2.39	1.90	0.08
						1" Ice	2.59	2.09	0.10
						2" Ice	3.01	2.48	0.16
DB-T1-6Z-8AB-0Z	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	4.80	2.00	0.04
						1/2" Ice	5.07	2.19	0.08
						1" Ice	5.35	2.39	0.12
						2" Ice	5.93	2.81	0.21
BSF0020F3V1	A	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	0.96	0.29	0.02
						1/2" Ice	1.09	0.36	0.02
						1" Ice	1.22	0.45	0.03
						2" Ice	1.50	0.64	0.06
BSF0020F3V1	B	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	0.96	0.29	0.02
						1/2" Ice	1.09	0.36	0.02
						1" Ice	1.22	0.45	0.03
						2" Ice	1.50	0.64	0.06
BSF0020F3V1	C	From Centroid-Le g	4.00 0.00 2.00	0.0000	124.00	No Ice	0.96	0.29	0.02
						1/2" Ice	1.09	0.36	0.02
						1" Ice	1.22	0.45	0.03

<i>tnxTower</i> <i>Tower Engineering Professionals</i> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job N. Coventry / Wallbeoff (BU 876385)	Page 10 of 15
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	Client Crown Castle	Designed by zschartraw

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>		<i>C_{AA} Front ft²</i>	<i>C_{AA} Side ft²</i>	<i>Weight K</i>
Platform Mount [LP 304-1]	C	None		0.0000	124.00	2" Ice	1.50	0.64	0.06
						No Ice	17.49	17.49	1.35
						1/2" Ice	21.37	21.37	1.71
						1" Ice	25.28	25.28	2.13
						2" Ice	33.17	33.17	3.16
Mount Reinforcement Specifications	C	None		0.0000	124.00	No Ice	28.63	28.63	0.28
						1/2" Ice	37.31	37.31	0.67
						1" Ice	45.80	45.80	0.94
						2" Ice	62.38	62.38	1.63
6' x 2" Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	124.00	No Ice	1.43	1.43	0.02
						1/2" Ice	1.92	1.92	0.03
						1" Ice	2.29	2.29	0.05
						2" Ice	3.06	3.06	0.09
6' x 2" Mount Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	124.00	No Ice	1.43	1.43	0.02
						1/2" Ice	1.92	1.92	0.03
						1" Ice	2.29	2.29	0.05
						2" Ice	3.06	3.06	0.09
6' x 2" Mount Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	124.00	No Ice	1.43	1.43	0.02
						1/2" Ice	1.92	1.92	0.03
						1" Ice	2.29	2.29	0.05
						2" Ice	3.06	3.06	0.09
116									
7770.00 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	3.39	2.32	0.06
						1/2" Ice	3.75	2.66	0.10
						1" Ice	4.12	3.02	0.15
						2" Ice	4.89	3.75	0.28
7770.00 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	3.39	2.32	0.06
						1/2" Ice	3.75	2.66	0.10
						1" Ice	4.12	3.02	0.15
						2" Ice	4.89	3.75	0.28
7770.00 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	3.39	2.32	0.06
						1/2" Ice	3.75	2.66	0.10
						1" Ice	4.12	3.02	0.15
						2" Ice	4.89	3.75	0.28
80010965 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	12.26	5.79	0.14
						1/2" Ice	13.03	6.47	0.23
						1" Ice	13.80	7.17	0.33
						2" Ice	15.41	8.60	0.57
80010965 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	12.26	5.79	0.14
						1/2" Ice	13.03	6.47	0.23
						1" Ice	13.80	7.17	0.33
						2" Ice	15.41	8.60	0.57
80010966 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	14.61	6.84	0.16
						1/2" Ice	15.47	7.63	0.27
						1" Ice	16.35	8.42	0.39
						2" Ice	18.14	10.06	0.68
HPA-65R-BUU-H6 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	9.22	6.25	0.07
						1/2" Ice	9.98	6.96	0.14
						1" Ice	10.76	7.70	0.22
						2" Ice	12.36	9.22	0.42
HPA-65R-BUU-H6 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	9.22	6.25	0.07
						1/2" Ice	9.98	6.96	0.14
						1" Ice	10.76	7.70	0.22
						2" Ice	12.36	9.22	0.42
HPA-65R-BUU-H8 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice	12.25	8.33	0.10
						1/2" Ice	13.19	9.23	0.19
						1" Ice	14.16	10.15	0.30

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	Client	Crown Castle	Designed by	zschartraw

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert</i> <i>ft ft ft</i>	<i>Azimuth Adjustment</i> <i>°</i>	<i>Placement</i> <i>ft</i>	<i>C_{AA} Front</i> <i>ft²</i>	<i>C_{AA} Side</i> <i>ft²</i>	<i>Weight</i> <i>K</i>
(2) LGP21401	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	2" Ice 16.14 No Ice 1.10 1/2" Ice 1.24 1" Ice 1.38 2" Ice 1.69	12.05 0.21 0.27 0.35 0.52	0.54 0.01 0.02 0.03 0.05
(2) LGP21401	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1.10 1/2" Ice 1.24 1" Ice 1.38 2" Ice 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(2) LGP21401	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1.10 1/2" Ice 1.24 1" Ice 1.38 2" Ice 1.69	0.21 0.27 0.35 0.52	0.01 0.02 0.03 0.05
(2) 7020.00	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 0.10 1/2" Ice 0.15 1" Ice 0.20 2" Ice 0.33	0.17 0.24 0.31 0.48	0.00 0.01 0.01 0.02
(2) 7020.00	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 0.10 1/2" Ice 0.15 1" Ice 0.20 2" Ice 0.33	0.17 0.24 0.31 0.48	0.00 0.01 0.01 0.02
(2) 7020.00	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 0.10 1/2" Ice 0.15 1" Ice 0.20 2" Ice 0.33	0.17 0.24 0.31 0.48	0.00 0.01 0.01 0.02
RRUS 4478 B14	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1.84 1/2" Ice 2.01 1" Ice 2.19 2" Ice 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1.84 1/2" Ice 2.01 1" Ice 2.19 2" Ice 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 4478 B14	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 1.84 1/2" Ice 2.01 1" Ice 2.19 2" Ice 2.57	1.06 1.20 1.34 1.66	0.06 0.08 0.09 0.14
RRUS 32	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.86 1/2" Ice 3.08 1" Ice 3.32 2" Ice 3.81	1.78 1.97 2.17 2.58	0.06 0.08 0.10 0.16
RRUS 32	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.86 1/2" Ice 3.08 1" Ice 3.32 2" Ice 3.81	1.78 1.97 2.17 2.58	0.06 0.08 0.10 0.16
RRUS 32	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.86 1/2" Ice 3.08 1" Ice 3.32 2" Ice 3.81	1.78 1.97 2.17 2.58	0.06 0.08 0.10 0.16
(2) DC6-48-60-18-8F	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 0.85 1/2" Ice 1.36 1" Ice 1.53 2" Ice 1.91	0.85 1.36 1.53 1.91	0.02 0.04 0.05 0.10
RRUS-11	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.79 1/2" Ice 3.00 1" Ice 3.21 2" Ice 3.67	1.19 1.34 1.50 1.84	0.05 0.07 0.10 0.15

<i>tnxTower</i> <i>Tower Engineering Professionals</i> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	N. Coventry / Wallbeoff (BU 876385)	Page	12 of 15
	Project	TEP No. 217672.880390	Date	14:48:00 08/31/23
	Client	Crown Castle	Designed by	zschartraw

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>	<i>C_{AA} Front ft²</i>	<i>C_{AA} Side ft²</i>	<i>Weight K</i>
RRUS-11	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.79 1/2" Ice 3.00 1" Ice 3.21 2" Ice 3.67	1.19 1.34 1.50 1.84	0.05 0.07 0.10 0.15
RRUS-11	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.79 1/2" Ice 3.00 1" Ice 3.21 2" Ice 3.67	1.19 1.34 1.50 1.84	0.05 0.07 0.10 0.15
RRUS 32 B2	A	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.73 1/2" Ice 2.95 1" Ice 3.18 2" Ice 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B2	B	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.73 1/2" Ice 2.95 1" Ice 3.18 2" Ice 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
RRUS 32 B2	C	From Centroid-Le g	4.00 0.00 4.00	0.0000	116.00	No Ice 2.73 1/2" Ice 2.95 1" Ice 3.18 2" Ice 3.66	1.67 1.86 2.05 2.46	0.05 0.07 0.10 0.16
Platform Mount [LP 1201-1_HR-1]	C	None		0.0000	116.00	No Ice 26.39 1/2" Ice 31.40 1" Ice 36.20 2" Ice 45.40	26.39 31.40 36.20 45.40	2.36 3.06 3.86 5.76
106								
MX08FRO665-21 w/ Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 8.01 1/2" Ice 8.52 1" Ice 9.04 2" Ice 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 8.01 1/2" Ice 8.52 1" Ice 9.04 2" Ice 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
MX08FRO665-21 w/ Mount Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 8.01 1/2" Ice 8.52 1" Ice 9.04 2" Ice 10.11	4.23 4.69 5.16 6.12	0.11 0.19 0.29 0.52
TA08025-B604	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1.96 1/2" Ice 2.14 1" Ice 2.32 2" Ice 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B604	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1.96 1/2" Ice 2.14 1" Ice 2.32 2" Ice 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B604	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1.96 1/2" Ice 2.14 1" Ice 2.32 2" Ice 2.71	0.98 1.11 1.25 1.55	0.06 0.08 0.10 0.15
TA08025-B605	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1.96 1/2" Ice 2.14 1" Ice 2.32 2" Ice 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
TA08025-B605	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1.96 1/2" Ice 2.14 1" Ice 2.32 2" Ice 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16

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	Client	Crown Castle	Designed by	zschartraw

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
TA08025-B605	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.96 2.14 2.32 2.71	1.13 1.27 1.41 1.72	0.08 0.09 0.11 0.16
RDIDC-9181-PF-48	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	2.01 2.19 2.37 2.76	1.17 1.31 1.46 1.78	0.02 0.04 0.06 0.11
Commscope MC-PK8-DSH	C	None		0.0000	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	34.24 62.95 91.66 149.08	34.24 62.95 91.66 149.08	1.75 2.10 2.45 3.15
(2) 2.4" Dia x 8-ft Mount Pipe	A	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
(2) 2.4" Dia x 8-ft Mount Pipe	B	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
(2) 2.4" Dia x 8-ft Mount Pipe	C	From Centroid-Le g	4.00 0.00 0.00	0.0000	106.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.90 2.73 3.40 4.40	1.90 2.73 3.40 4.40	0.03 0.04 0.06 0.12
74 KS24019-L112A	C	From Leg	3.00 0.00 1.00	0.0000	74.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.08 0.13 0.19 0.35	0.08 0.13 0.19 0.35	0.01 0.01 0.01 0.02
Side Arm Mount [SO 701-1]	C	From Leg	1.50 0.00 0.00	0.0000	74.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.85 1.14 1.43 2.01	1.67 2.34 3.01 4.35	0.07 0.08 0.09 0.12

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	152 - 137.42 (1)	TP37.31x33.03x0.3125	14.58	0.00	0.0	35.1916	-5.21	2058.71	0.003
L2	137.42 - 91.09 (2)	TP50.15x35.1673x0.375	51.50	0.00	0.0	56.8796	-31.95	3327.46	0.010
L3	91.09 - 44.79 (3)	TP62.86x47.413x0.4375	53.13	0.00	0.0	83.2820	-49.80	4872.00	0.010

tnxTower Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job	N. Coventry / Wallbeoff (BU 876385)	Page	14 of 15
	Project	TEP No. 217672.880390	Date	14:48:00 08/31/23
	Client	Crown Castle	Designed by	zschartraw

Section No.	Elevation ft	Size	L ft	L _u ft	Kl/r	A in ²	P _u K	φP _n K	Ratio $\frac{P_u}{\phi P_n}$
L4	44.79 - 0 (4)	TP75x59.537x0.5	53.21	0.00	0.0	118.231 0	-79.03	6916.54	0.011

Pole Bending Design Data

Section No.	Elevation ft	Size	M _{ux} kip-ft	φM _{ux} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	M _{uy} kip-ft	φM _{uy} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{uy}}$
L1	152 - 137.42 (1)	TP37.31x33.03x0.3125	43.34	1817.46	0.024	0.00	1817.46	0.000
L2	137.42 - 91.09 (2)	TP50.15x35.1673x0.375	702.33	3815.62	0.184	0.00	3815.62	0.000
L3	91.09 - 44.79 (3)	TP62.86x47.413x0.4375	1827.61	6830.52	0.268	0.00	6830.52	0.000
L4	44.79 - 0 (4)	TP75x59.537x0.5	3396.14	11650.00	0.292	0.00	11650.00	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	152 - 137.42 (1)	TP37.31x33.03x0.3125	5.19	617.61	0.008	0.24	1919.01	0.000
L2	137.42 - 91.09 (2)	TP50.15x35.1673x0.375	23.09	998.24	0.023	0.22	4177.66	0.000
L3	91.09 - 44.79 (3)	TP62.86x47.413x0.4375	27.21	1461.60	0.019	0.40	7676.71	0.000
L4	44.79 - 0 (4)	TP75x59.537x0.5	31.67	2074.96	0.015	0.40	13537.75	0.000

Pole Interaction Design Data

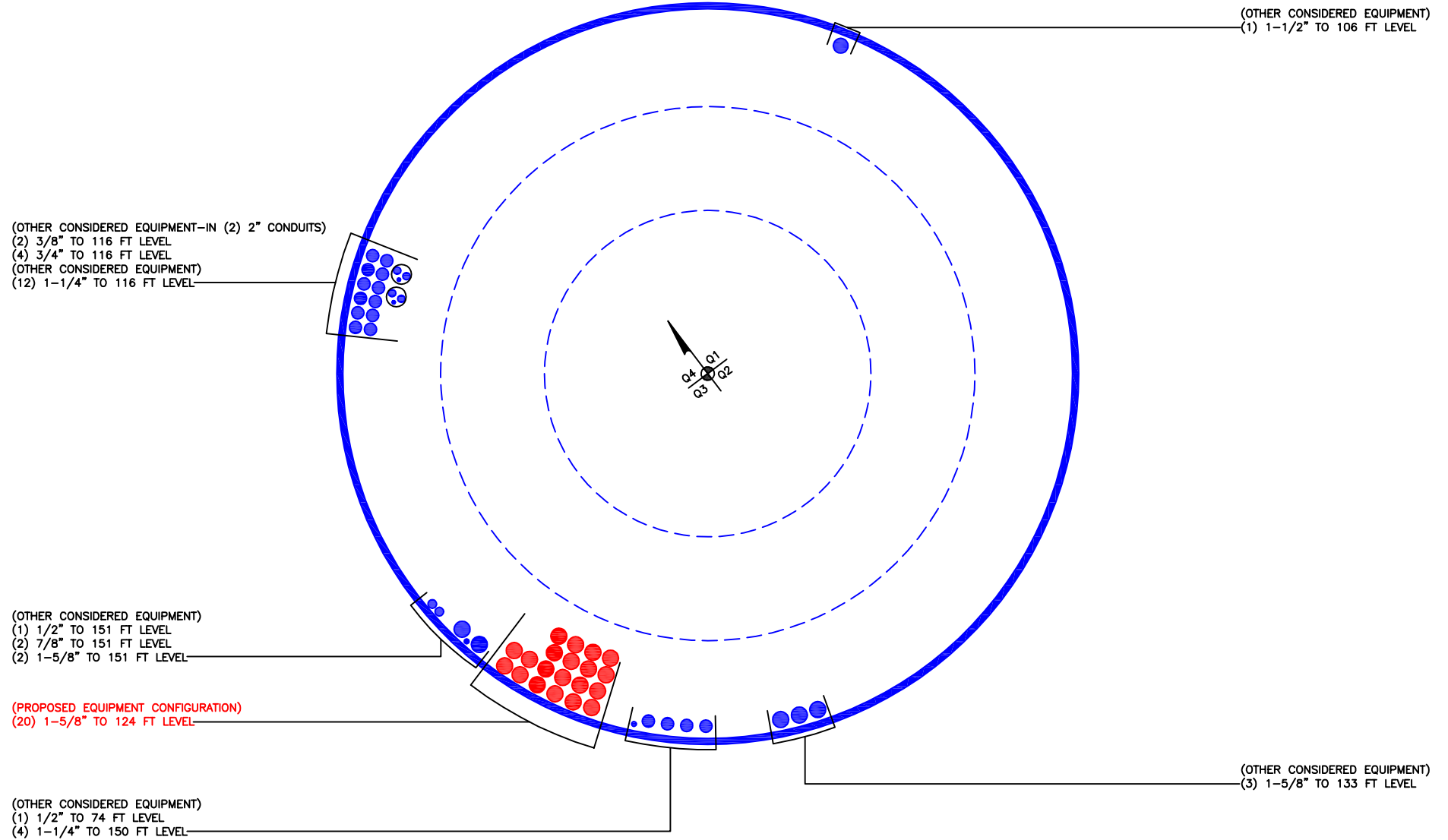
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{ux}}$	Ratio $\frac{M_{uy}}{\phi M_{uy}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	152 - 137.42 (1)	0.003	0.024	0.000	0.008	0.000	0.026	1.050	4.8.2
L2	137.42 - 91.09 (2)	0.010	0.184	0.000	0.023	0.000	0.194	1.050	4.8.2
L3	91.09 - 44.79 (3)	0.010	0.268	0.000	0.019	0.000	0.278	1.050	4.8.2
L4	44.79 - 0 (4)	0.011	0.292	0.000	0.015	0.000	0.303	1.050	4.8.2

<i>tnxTower</i> <i>Tower Engineering Professionals</i> 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350	Job N. Coventry / Wallbeoff (BU 876385)	Page 15 of 15
	Project TEP No. 217672.880390	Date 14:48:00 08/31/23
	Client Crown Castle	Designed by zschartraw

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	152 - 137.42	Pole	TP37.31x33.03x0.3125	1	-5.21	2161.65	2.5	Pass
L2	137.42 - 91.09	Pole	TP50.15x35.1673x0.375	2	-31.95	3493.83	18.5	Pass
L3	91.09 - 44.79	Pole	TP62.86x47.413x0.4375	3	-49.80	5115.60	26.5	Pass
L4	44.79 - 0	Pole	TP75x59.537x0.5	4	-79.03	7262.37	28.9	Pass
							Summary	
							Pole (L4)	Pass
							RATING =	Pass

APPENDIX B
BASE LEVEL DRAWING



APPENDIX C

ADDITIONAL CALCULATIONS

ASCE 7 Hazards Report

Address:

No Address at This Location

Standard:

ASCE/SEI 7-16

Risk Category: II**Soil Class:**

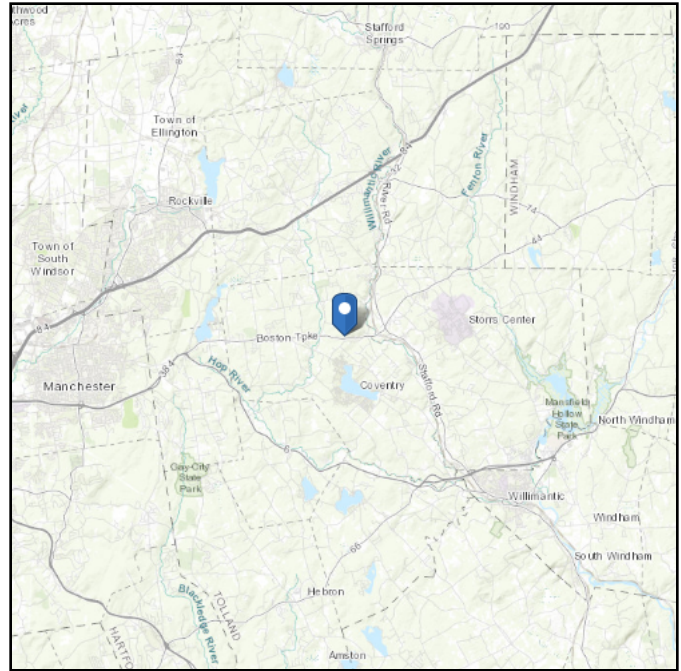
D - Default (see
Section 11.4.3)

Latitude:

41.798947

Longitude: -72.332189**Elevation:**

707.3238428935487 ft
(NAVD 88)



Wind

Results:

Wind Speed	119 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	91 Vmph
100-year MRI	98 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 Aug 31 2023

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

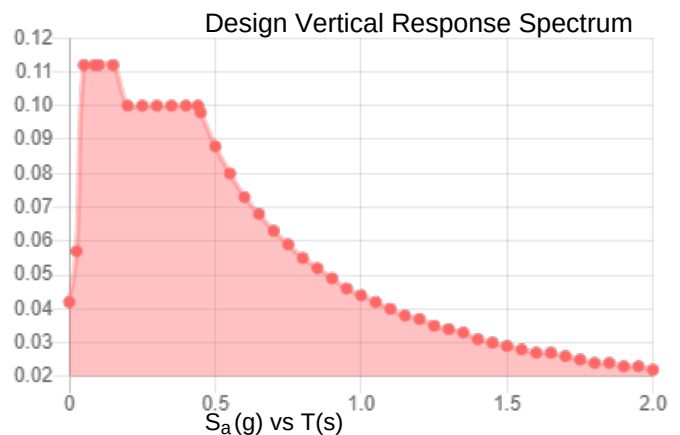
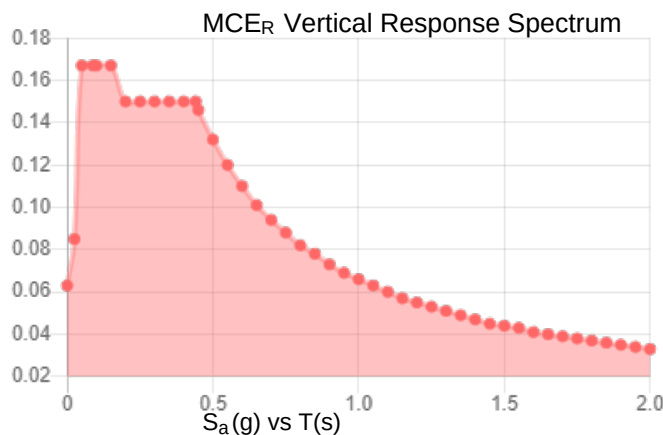
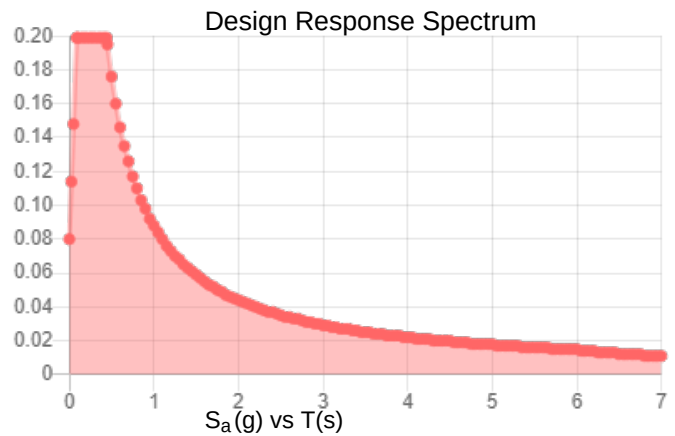
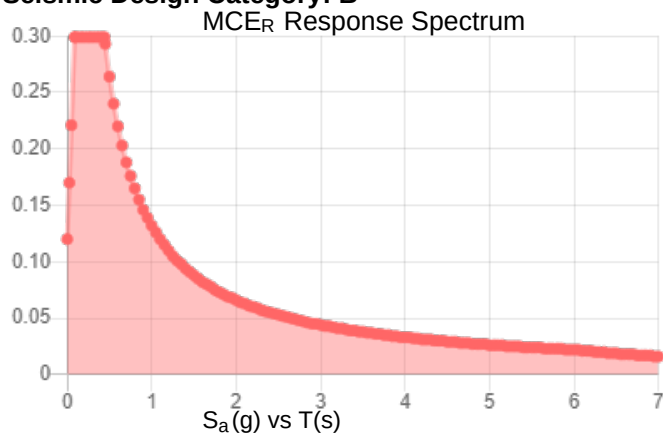
Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Site Soil Class:

Results:

S_S :	0.187	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.101
F_v :	2.4	PGA _M :	0.161
S_{MS} :	0.299	F_{PGA} :	1.599
S_{M1} :	0.132	I_e :	1
S_{DS} :	0.199	C_v :	0.7

Seismic Design Category: B



Data Accessed:

Thu Aug 31 2023

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.

Results:

Ice Thickness: 1.50 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 Aug 31 2023

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.

The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided "as is" and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE 7 standard.

In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE 7 Hazard Tool.

Monopole Base Plate Connection

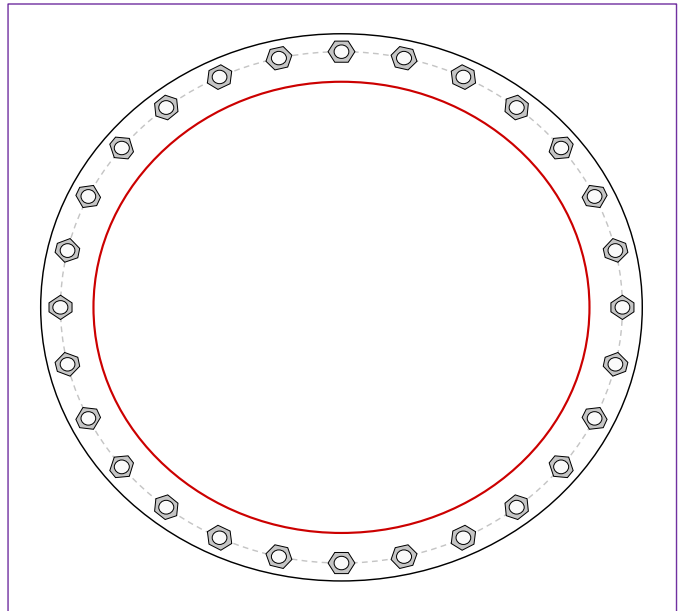


Site Info	
BU #	876385
Site Name	N. Coventry / Wallbed
Order #	654625 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
I_{ar} (in)	0.875

Applied Loads	
Moment (kip-ft)	3396.00
Axial Force (kips)	79.00
Shear Force (kips)	32.00

*TIA-222-H Section 15.5 Applied



Connection Properties		Analysis Results	
Anchor Rod Data		Anchor Rod Summary <i>(units of kips, kip-in)</i>	
(28) 2-1/4" ϕ bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 85" BC		$Pu_t = 65.65$	$\phi Pn_t = 243.75$ Stress Rating
Base Plate Data		$Vu = 1.14$	$\phi Vn = 149.1$ 25.7%
91" OD x 2.25" Plate (A871 GR60; Fy=60 ksi, Fu=75 ksi)		$Mu = n/a$	$\phi Mn = n/a$ Pass
Stiffener Data		Base Plate Summary	
N/A		Max Stress (ksi):	20.22 (Flexural)
Pole Data		Allowable Stress (ksi):	54
75" x 0.5" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)		Stress Rating:	35.7% Pass

Pier and Pad Foundation



BU #: 876385
 Site Name: N. Coventry / Wallb
 App. Number: 654625 Rev. 0

TIA-222 Revision: H
 Tower Type: Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp} :	79	kips
Base Shear, V_{u_comp} :	32	kips
Moment, M_u :	3396	ft-kips
Tower Height, H :	152	ft
BP Dist. Above Fdn, bp_{dist} :	3.125	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, $dpier$:	9	ft
Ext. Above Grade, E :	1	ft
Pier Rebar Size, Sc :	8	
Pier Rebar Quantity, mc :	62	
Pier Tie/Spiral Size, St :	4	
Pier Tie/Spiral Quantity, mt :	10	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	3	in

Pad Properties		
Depth, D :	8	ft
Pad Width, W_1 :	29	ft
Pad Thickness, T :	3	ft
Pad Rebar Size (Top dir.2), Sp_{top2} :	9	
Pad Rebar Quantity (Top dir. 2), mp_{top2} :	25	
Pad Rebar Size (Bottom dir. 2), Sp_2 :	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	54	
Pad Clear Cover, cc_{pad} :	3	in

Material Properties		
Rebar Grade, F_y :	60	ksi
Concrete Compressive Strength, F'_c :	4	ksi
Dry Concrete Density, δ_c :	150	pcf

Soil Properties		
Total Soil Unit Weight, γ :	100	pcf
Ultimate Gross Bearing, Q_{ult} :	16.000	ksf
Cohesion, C_u :	0.000	ksf
Friction Angle, ϕ :	0	degrees
SPT Blow Count, N_{blows} :	50	
Base Friction, μ :	0.55	
Neglected Depth, N :	4.50	ft
Foundation Bearing on Rock?	Yes	
Groundwater Depth, gw :	N/A	ft

Foundation Analysis Checks				
	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	377.09	32.00	8.1%	Pass
Bearing Pressure (ksf)	12.00	2.55	20.3%	Pass
Overturning (kip*ft)	10495.42	3692.33	35.2%	Pass
Pier Flexure (Comp.) (kip*ft)	10520.14	3588.00	32.5%	Pass
Pier Compression (kip)	51554.88	166.48	0.3%	Pass
Pad Flexure (kip*ft)	7275.14	1217.58	15.9%	Pass
Pad Shear - 1-way (kips)	1033.61	175.12	16.1%	Pass
Pad Shear - 2-way (Comp) (ksi)	0.190	0.030	15.0%	Pass
Flexural 2-way (Comp) (kip*ft)	6624.33	2152.80	31.0%	Pass

*Rating per TIA-222-H Section 15.5

Structural Rating*:	32.5%
Soil Rating*:	35.2%

<--Toggle between Gross and Net