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 #803175_Crown_VZW
167 Coccomo Circle, New Britain, CT 06051
Latitude: 41° 41′ 11.80″/ Longitude: -72° 45′ 27.80″

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 167 Coccomo Circle, New Britain, CT 06051. The property is owned by Antoni + Sons LLC and the tower is owned by Crown Castle. Verizon now intends to add one (1) interference mitigation filter to be installed at the 145-foot level of the tower of the 188-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:
(1) Kaelus BSF0020F3V1-1 Twin Bandstop 900MHZ Interference Mitigation Filter

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 City of New Britain on May 30, 2002. The approval was given without conditions. 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.SA. § 16-SOj-73, a copy of this letter is being sent to Mayor Erin Steward and Planning Director Jack Benjamin for the municipality. A copy is also being sent to Antoni + Sons LLC as the property owner and 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.

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:

Mayor Erin Steward
City of New Britain
27 West Main Street
New Britain, CT 06051
860-826-3300

Planning Director Jack Benjamin
City of New Britain
27 West Main Street
New Britain, CT 06051
860-826-3430

Antoni + Sons LLC, Property Owner
174 Booth Street
New Britain, CT 06053
860-707-4485

Crown Castle, Tower Owner

From: TrackingUpdates@fedex.com
To: Tatasciore, Domenica
Subject: FedEx Shipment 773364782058: Your package has been delivered
Date: Tuesday, September 19, 2023 10:10:31 AM

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Hi. Your package was delivered Tue, 09/19/2023 at 10:02am.

Delivered to 27 W MAIN ST, NEW BRITAIN, CT 06051
Received by T.TIM

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	773364782058
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	City of New Britain Mayor Erin Steward 27 West Main Street NEW BRITAIN, CT, US, 06051
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 9/18/2023 05:50 PM
DELIVERED TO	Mailroom
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEW BRITAIN, CT, US, 06051
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

Wondering when a package will arrive?

Enter your tracking number to see your estimated delivery time within a 4-hour window.

TRACK A PACKAGE

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Subject: FedEx Shipment 773364793310: Your package has been delivered
Date: Tuesday, September 19, 2023 10:14:57 AM

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Received by T.TIM

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	773364793310
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	City of New Britain Planning Director Jack Benjamin 27 West Main Street NEW BRITAIN, CT, US, 06051
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 9/18/2023 05:50 PM
DELIVERED TO	Mailroom
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEW BRITAIN, CT, US, 06051
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

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To: Tatasciore, Domenica
Subject: FedEx Shipment 773364809389: Your package has been delivered
Date: Tuesday, September 19, 2023 10:49:34 AM

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Hi. Your package was delivered Tue, 09/19/2023 at 10:43am.

Delivered to 174 BOOTH ST, NEW BRITAIN, CT 06053

OBTAIN PROOF OF DELIVERY

Delivery picture not showing? View in browser.

How was your delivery ?

TRACKING NUMBER	773364809389
FROM	Crown Castle 1800 West Park Drive Suite 200 WESTBOROUGH, MA, US, 01581
TO	Antoni + Sons LLC 174 Booth Street NEW BRITAIN, CT, US, 06053
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Mon 9/18/2023 05:50 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEW BRITAIN, CT, US, 06053

SPECIAL HANDLING	Residential Delivery
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Priority Overnight

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TRACK A PACKAGE

FOLLOW FEDEX

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 9:49 AM CDT 09/19/2023.

All weights are estimated.

To track the latest status of your shipment, click on the tracking number above.

Standard transit is the date and time the package is scheduled to be delivered by, based on the selected service, destination and ship date. Limitations and exceptions may apply. Please see the FedEx Service Guide for terms and conditions of service, including the FedEx Money-Back Guarantee, or contact your FedEx Customer Support representative.

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B

City of New Britain
Building Department

Date Issued 5/30/02

BUILDING PERMIT — CERTIFICATE OF OCCUPANCY

1/9/01
Date 5/17/01

Permit No. B1779 & B2093

Applicant Crown Castle Atlantic, LLC Address 703 Hebron Ave, Glastonbury, CT

Permit To _____ (____) Story _____ No. of Dwelling Units _____
(Type of Improvement) (No.) (Proposed Use)

At (Location) 167 LESTER STREET Zoning District I2
(No.) (Street)

Subdivision _____ Lot _____ Block _____ Lot Size _____

Building is to be _____ Ft. wide by _____ Ft. long by _____ Ft. in height and shall conform in construction

To Type _____ Use Group _____ Basement Walls or Foundation _____
(Type)

Remarks: 190' telecommunication tower per plan and 1999 State Building Code. B1779.
Area or Volume Install 12'x30' panelized land site steel frame shelter, 40 KW Diesel generator and 12 panel antennas approved by Siting Council 4/27/01. B2093
(Cubic/Square Feet)

Owner John & Helen Balavender
30 Biltmore St. NB, CT

Address _____

_____
(Building Inspector)

To be posted on premises — See reverse side for conditions of certificate.

167 COCCOMO CIR

Location	167 COCCOMO CIR	**Mblu**	A5D/ 22/ / /
Acct#	15950167	**Owner**	ANTONI + SONS LLC
Assessment	$31,150	**Appraisal**	$44,500
PID	10590	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$0	$44,500	$44,500
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$0	$31,150	$31,150

Owner of Record

Owner	ANTONI + SONS LLC	**Sale Price**	$94,000
Co-Owner		**Certificate**	
Address	174 BOOTH ST NEW BRITAIN , CT 06053	**Book & Page**	2126/8
		Sale Date	04/25/2022
		Instrument	26

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
ANTONI + SONS LLC	$94,000		2126/8	26	04/25/2022
CROWN ATLANTIC COMPANY LLC	$90,000		1359/0428		02/13/2001
BALAVENDER JOHN S +	$44,000		1284/0180		08/26/1998
	$0		1281/0173		07/15/1998
	$0		0770/0808		10/29/1981
CLARA MARY DOUCETTE	$0		0725/0121		03/02/1977
FRANCISZKA BARANOWSKI + CLARA	$0		0594/0393		01/20/1966
FRANCISZKA BARANOWSKI	$0		0532/0263		03/14/1962
FRANCISZKA + EDWARD R	$0		0365/0244		03/16/1953
LILLIAN S SCHROEDEL	$0		0365/0243		03/16/1953
FRANCISZKA BARANOWSKI	$0		0332/0426		08/26/1949

Building Information

Building 1 : Section 1

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

Building Attributes

Field	Description
Style	Vacant Land
Model	
Grade	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Central Heat Sys	
Heat Type	
AC Type	
Total Bedrooms	
Total Full Baths	
Total Half Baths	
Total Xtra Fixtrs	
Total Rooms	
Bath Style	
Kitchen Style	
Num Kitchens	
Whirlpool Tub	
Fireplaces_2	
Rec Room Finish	
Rec Room Qual	
Bsmt Garages	
Fireplaces	

Building Photo

Building Photo
(https://images.vgsi.com/photos/NewBritainCTPhotos///0039/167%20Cocc

Building Layout

(ParcelSketch.ashx?pid=10590&bid=11318)

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

Bldg Nbhd	
Fndtn Cndtn	
Basement	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code	4410
Description	Ind Ld Po
Zone	I2
Neighborhood	104H
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0.32
Depth	
Assessed Value	$31,150
Appraised Value	$44,500

Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$68,600	$78,200	$146,800
2021	$47,400	$36,000	$83,400
2020	$47,400	$36,000	$83,400

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2022	$48,020	$54,740	$102,760
2021	$33,180	$25,200	$58,380
2020	$33,180	$25,200	$58,380

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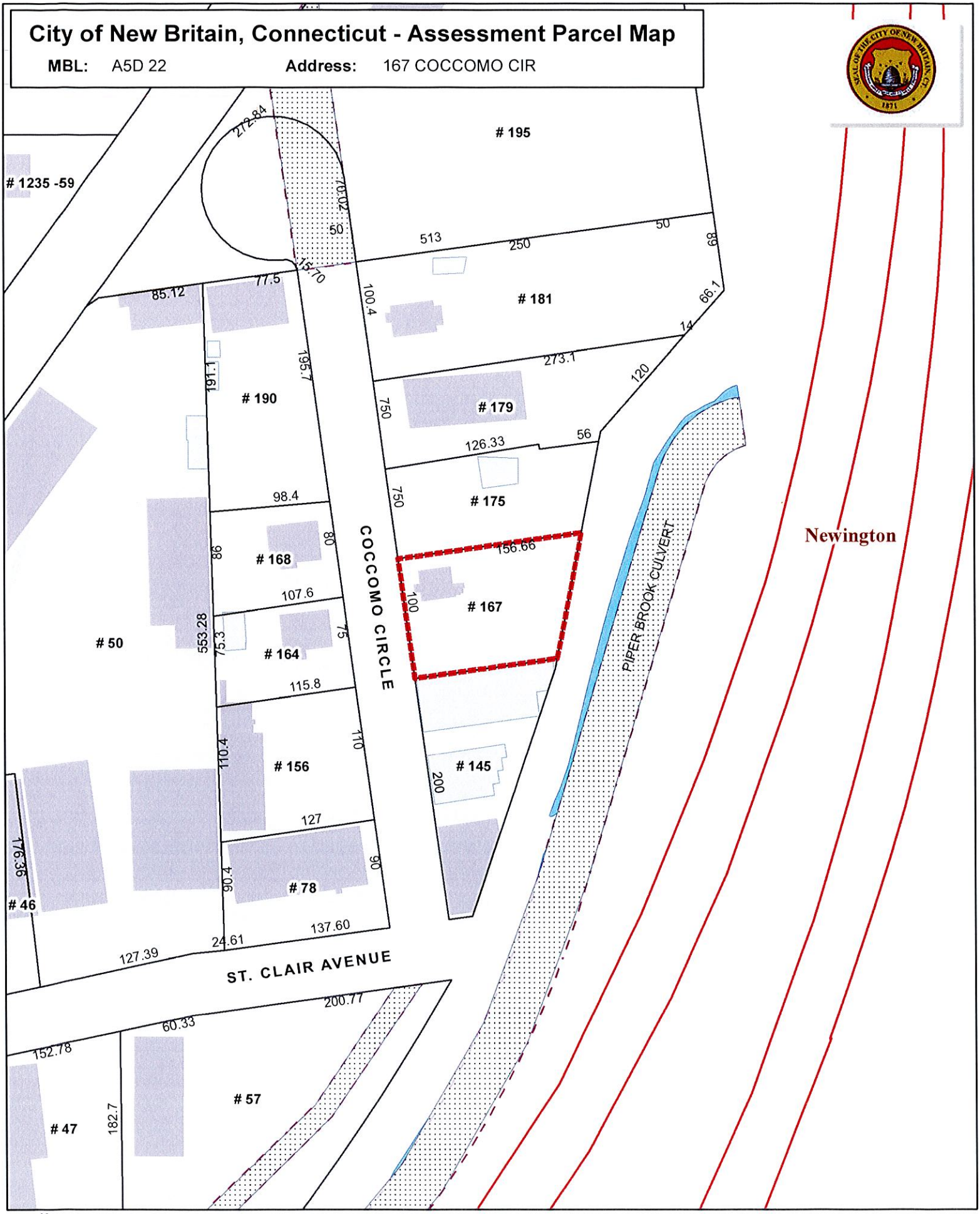
City of New Britain, Connecticut - Assessment Parcel Map

MBL: A5D 22 **Address:** 167 COCCOMO CIR

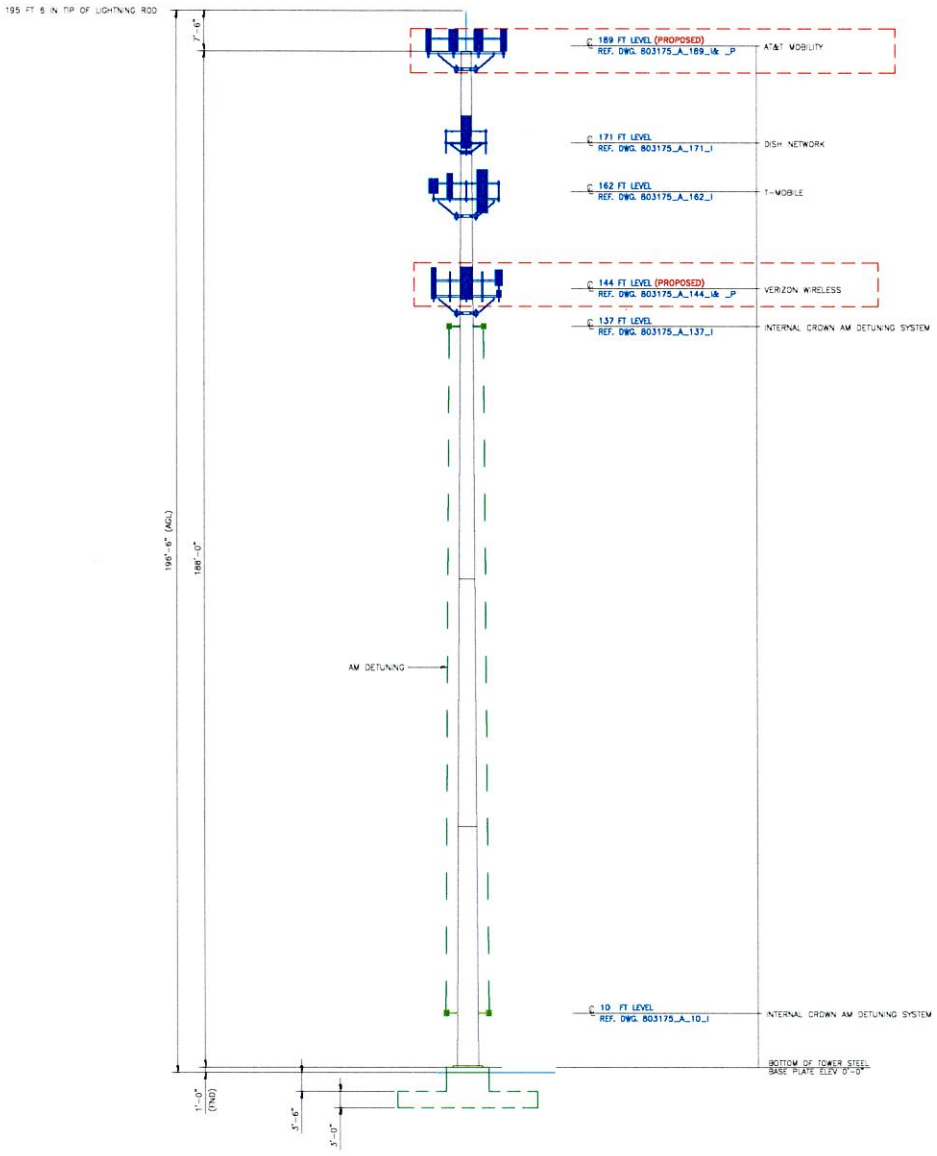


Approximate Scale:

1 inch = 100 feet

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

Map Produced May 2023


195 FT 6 IN TIP OF LIGHTNING ROD
7'-6"
189 FT LEVEL (PROPOSED)
REF. DWG. 803175_A_189_U& _P
AT&T MOBILITY
171 FT LEVEL
REF. DWG. 803175_A_171_I
DISH NETWORK
162 FT LEVEL
REF. DWG. 803175_A_162_I
T-MOBILE
144 FT LEVEL (PROPOSED)
REF. DWG. 803175_A_144_U& _P
VERIZON WIRELESS
137 FT LEVEL
REF. DWG. 803175_A_137_I
INTERNAL CROWN AM DETUNING SYSTEM
195'-6" (AGL)
188'-0"
AM DETUNING
10 FT LEVEL
REF. DWG. 803175_A_10_I
INTERNAL CROWN AM DETUNING SYSTEM
BOTTOM OF TOWER STEEL
BASE PLATE ELEV 0'-0"
1'-0"
(TYP)
5'-6"
5'-0"

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

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

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

ORDERING INFORMATION

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

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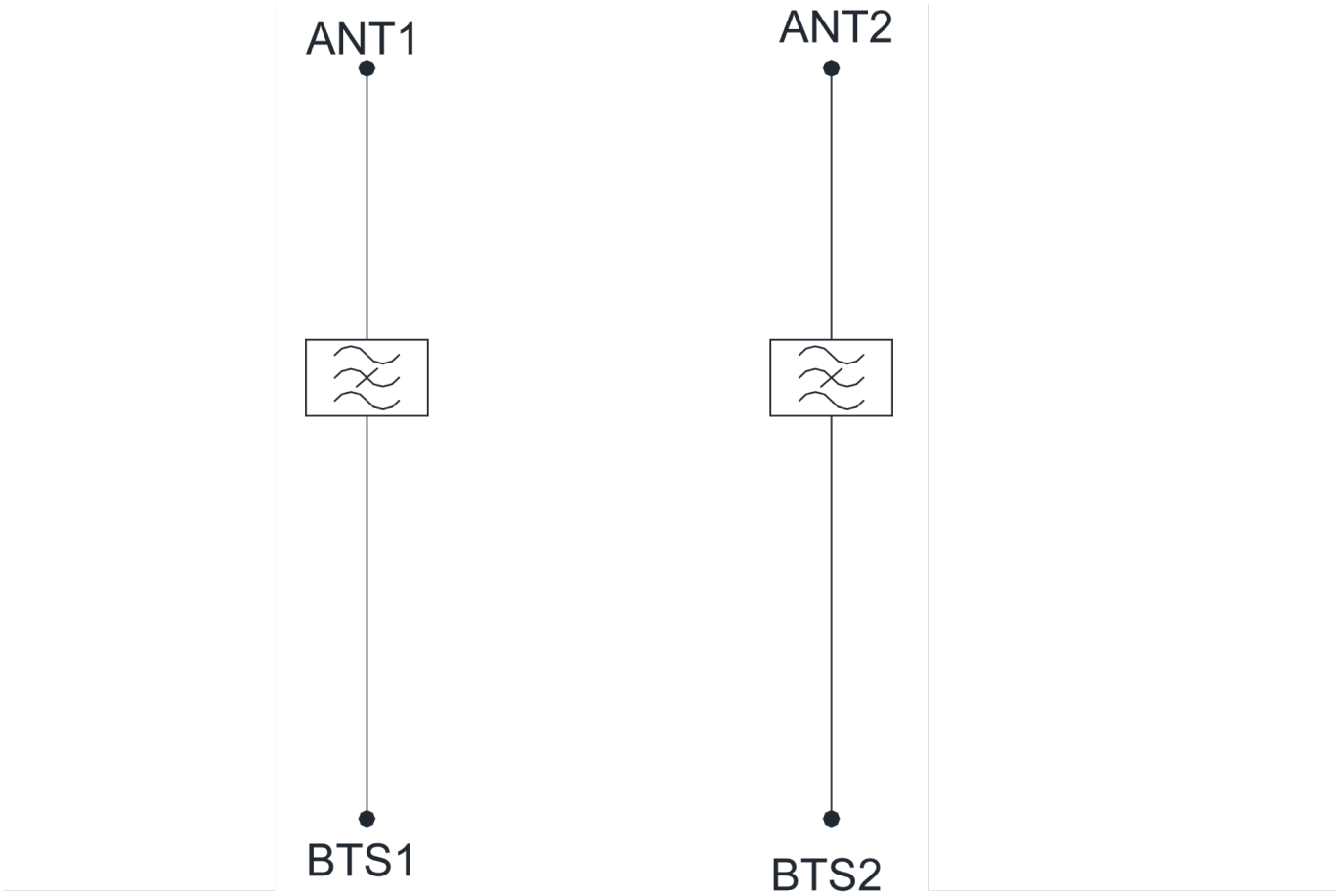
ELECTRICAL BLOCK DIAGRAM



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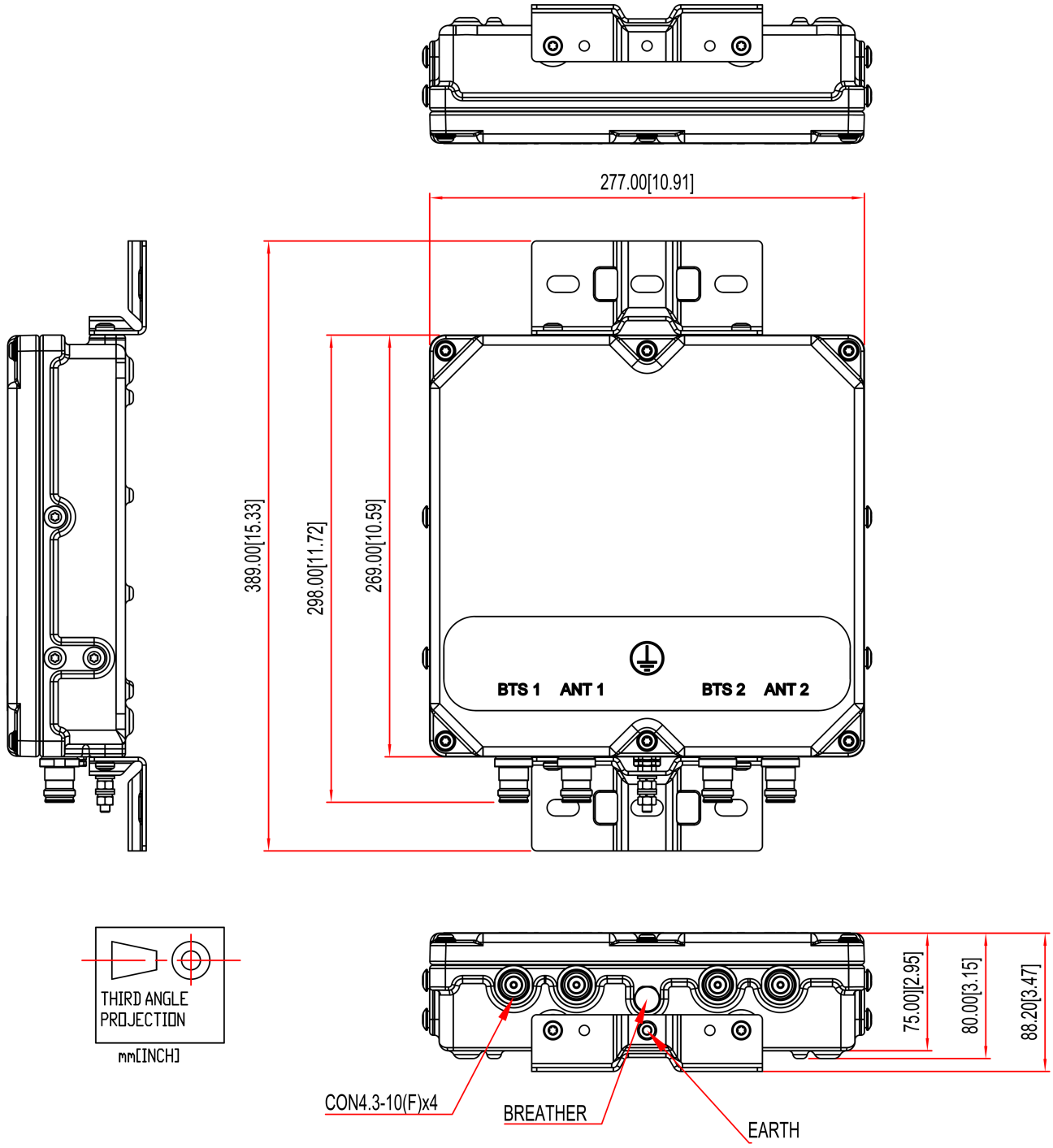
MECHANICAL BLOCK DIAGRAM



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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206420
Colliers Engineering & Design CT, P.C. Project #: 23777067

July 10, 2023

Site Information	*Site ID:*	*5000382471-VZW / NEW BRITAIN 3 CT*
	Site Name:	*NEW BRITAIN 3 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*167 Lester Street* *New Britain, Connecticut 06051* *Hartford County*
	Latitude:	*41.686211°*
	Longitude:	*-72.757042°*
Structure Information	*Tower Type:*	*188-Ft Self Support*
	Mount Type:	*13.25-Ft Platform*
	FUZE ID #	**17123743**

Analysis Results

Platform: **54.9% 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: Grant Walters

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: 324446, dated March 24, 2021*
Mount Mapping Report	*RKS Design & Engineering LLC., Site ID: CC: 803175, dated January 16, 2021*
Mount Modification Drawings	*Maser Consulting Connecticut, Project #: 20777626, dated May 27, 2021*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.997
Seismic Parameters:	S_S:	0.195 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
143.50	146.50	3	Samsung	MT6407-77A	Retained
	145.00	2	KAelus	BSF0020F3V1-1	Added
		3	Amphenol	BXA-80063-6BF-EDIN-X	Retained
		6	Andrew	SBNHH-1D65B	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	Raycap	RHSDC-3315-PF-48	
		1	Racycap	RRFDC-3315-PF-48	
	143.00	3	Samsung	XXDWMM-12.5-65	

Any proposed antennas not currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mount(s).

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design to verify deviation will not adversely impact the analysis.

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

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

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

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

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

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

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

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

8. It is assumed that the mount modifications listed under Sources of Information have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	16.6 %	Pass
Standoff Horizontal	26.5 %	Pass
Cross Member	54.9 %	Pass
Standoff Tab	52.9 %	Pass
Corner Plate	36.7 %	Pass
Mount Pipe	31.1 %	Pass
Support Rail	13.3 %	Pass
Support Rail Corner Bracket	23.4 %	Pass
Kicker	14.8 %	Pass
Mount Connection	15.7 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**54.9%**

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	39.6	39.6	63.2	63.2
0.5	46.8	46.8	80.4	80.4
1	53.7	53.7	97.3	97.2

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

Requirements:

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

Contractor to remove step bolts as necessary for the new collar installation

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 #: 5000382471 SMART Project #: 10206420 Fuze Project ID:

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 to remove step bolts as necessary for the new collar installation

Response:

Special Instruction Confirmation:

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

☐ All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: 5000382471-VZW - NEW BRITAIN 3 CT

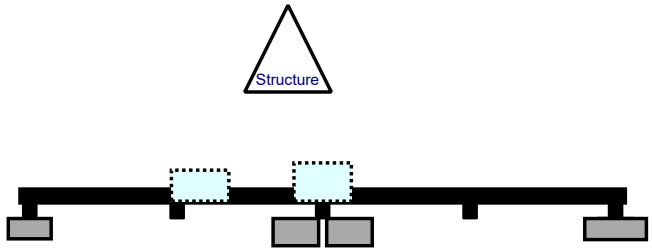
Sector: **A** 7/10/2023

Structure Type: Self Support 10206420

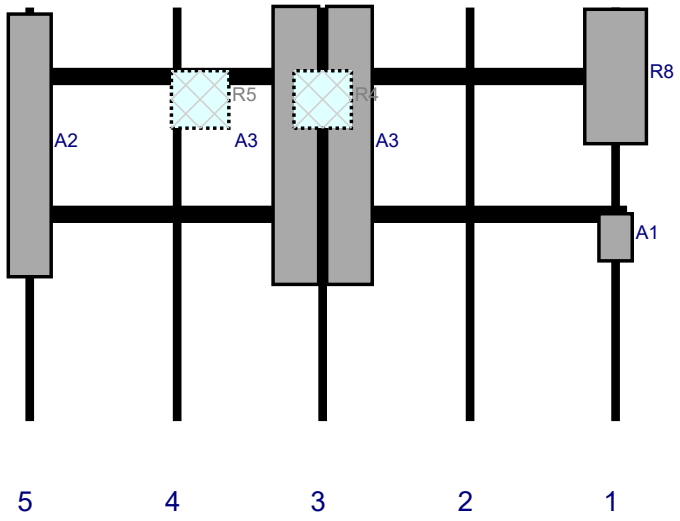
Mount Elev: 143.50 Page: 1

Colliers Engineering & Design

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	XXDWMM-12.5-65	12.3	8.7	156	1	a	Front	60	0	Retained	
R8	MT6407-77A	35.1	16.1	156	1	a	Front	18	0	Retained	
A3	SBNHH-1D65B	72.6	11.9	79.5	3	a	Front	36	7	Retained	01/16/2021
A3	SBNHH-1D65B	72.6	11.9	79.5	3	b	Front	36	-7	Retained	01/16/2021
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	79.5	3	a	Behind	24	0	Retained	01/16/2021
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	41.5	4	a	Behind	24	6	Retained	01/16/2021
A2	BXA-80063-6BF-EDIN-X	68.6	11.2	3	5	a	Front	36	0	Retained	01/16/2021

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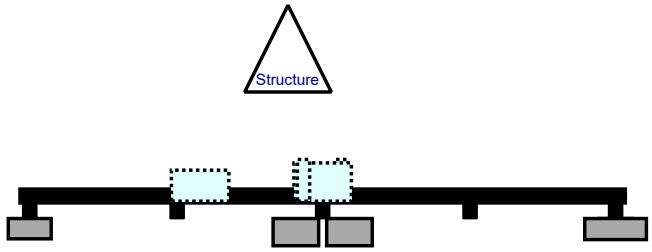
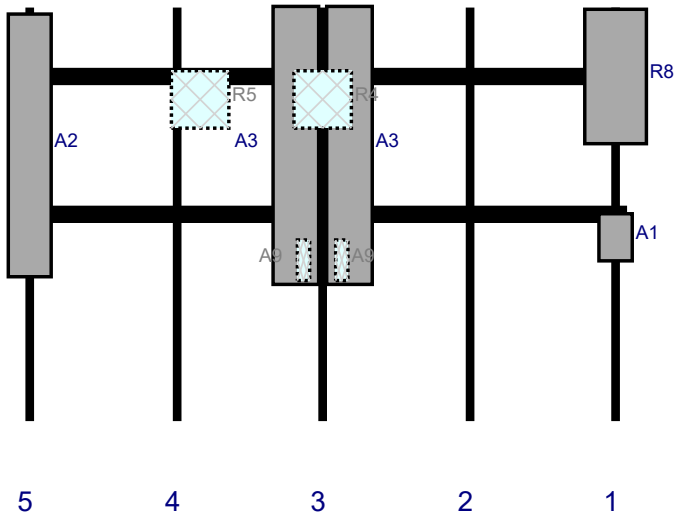
Plan View



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	XXDWMM-12.5-65	12.3	8.7	156	1	a	Front	60	0	Retained	
R8	MT6407-77A	35.1	16.1	156	1	a	Front	18	0	Retained	
A3	SBNHH-1D65B	72.6	11.9	79.5	3	a	Front	36	7	Retained	01/16/2021
A3	SBNHH-1D65B	72.6	11.9	79.5	3	b	Front	36	-7	Retained	01/16/2021
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	79.5	3	a	Behind	24	0	Retained	01/16/2021
A9	BSF0020F3V1-1	10.6	3.2	79.5	3	a	Behind	66	-5	Added	
A9	BSF0020F3V1-1	10.6	3.2	79.5	3	b	Behind	66	5	Added	
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	41.5	4	a	Behind	24	6	Retained	01/16/2021
A2	BXA-80063-6BF-EDIN-X	68.6	11.2	3	5	a	Front	36	0	Retained	01/16/2021

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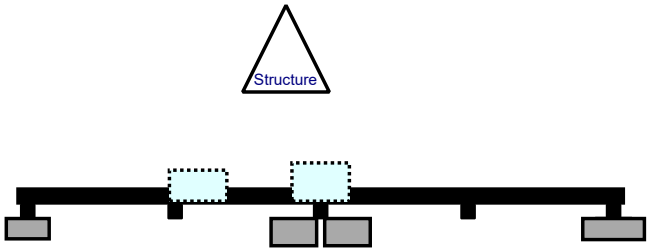
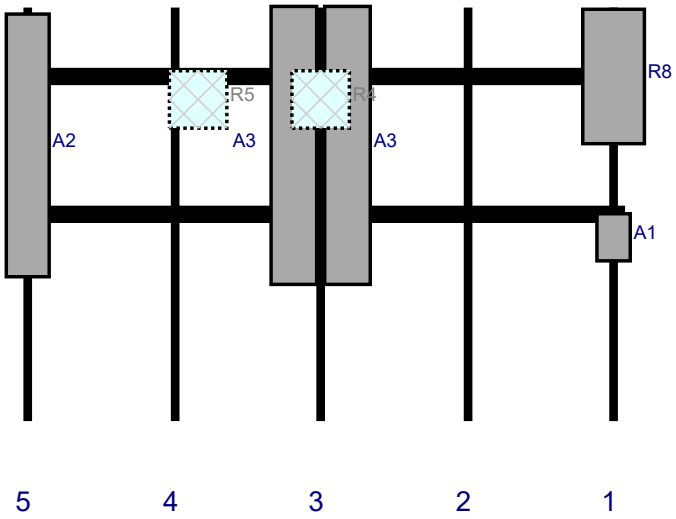
Plan View



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	XXDWMM-12.5-65	12.3	8.7	156	1	a	Front	60	0	Retained	
R8	MT6407-77A	35.1	16.1	156	1	a	Front	18	0	Retained	
A3	SBNHH-1D65B	72.6	11.9	79.5	3	a	Front	36	7	Retained	01/16/2021
A3	SBNHH-1D65B	72.6	11.9	79.5	3	b	Front	36	-7	Retained	01/16/2021
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	79.5	3	a	Behind	24	0	Retained	01/16/2021
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	41.5	4	a	Behind	24	6	Retained	01/16/2021
A2	BXA-80063-6BF-EDIN-X	68.6	11.2	3	5	a	Front	36	0	Retained	01/16/2021

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01/16/2021 15:28


01/16/2021

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
UNKNOWN

Tower Owner:	CROWN CASTLE	**Mapping Date:**	01-16-2021
Site Name:	CC:CT New Britain 3 CAC 803175, VZW: New Britain 3 CT	**Tower Type:**	Monopole
Site Number or ID:	CC: 803175	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS Design & Engineering LLC.	**Mount Elevation (Ft.):**	144.66

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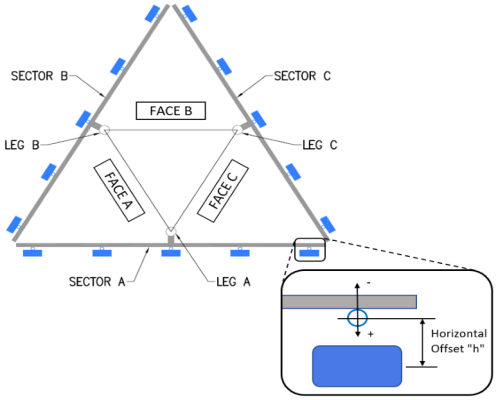
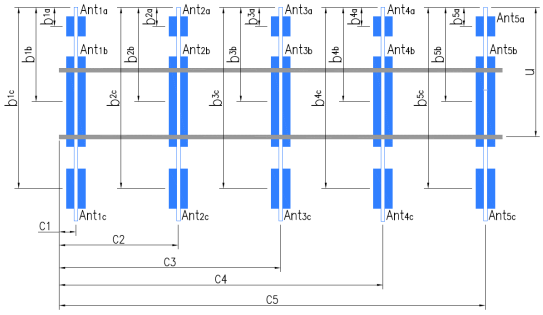
Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





Antenna Layout (Looking Out From Tower)

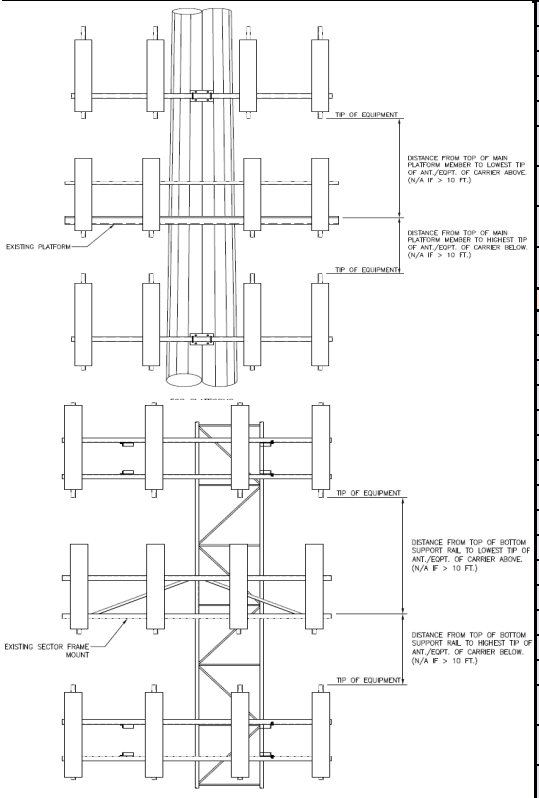
Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE 2.375"Ø X 0.14" X 108" Long	54.00	3.00	C1	PIPE 2.375"Ø X 0.14" X 108" Long	54.00	3.00
A2	PIPE 2.375"Ø X 0.14" X 66" Long	48.00	41.50	C2	PIPE 2.375"Ø X 0.14" X 66" Long	48.00	42.50
A3	PIPE 2.375"Ø X 0.14" X 108" Long	57.00	79.50	C3	PIPE 2.375"Ø X 0.14" X 108" Long	57.00	79.50
A4	PIPE 2.375"Ø X 0.14" X 108" Long	55.50	118.00	C4	PIPE 2.375"Ø X 0.14" X 108" Long	55.50	117.50
A5	PIPE 2.375"Ø X 0.14" X 108" Long	54.00	156.00	C5	PIPE 2.375"Ø X 0.14" X 108" Long	54.00	156.00
A6				C6			
B1	PIPE 2.375"Ø X 0.14" X 108" Long	54.00	3.00	D1			
B2	PIPE 2.375"Ø X 0.14" X 66" Long	48.00	42.50	D2			
B3	PIPE 2.375"Ø X 0.14" X 108" Long	57.00	79.50	D3			
B4	PIPE 2.375"Ø X 0.14" X 108" Long	55.50	117.50	D4			
B5	PIPE 2.375"Ø X 0.14" X 108" Long	54.00	156.00	D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				30.89

Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	BXA-171063-8BF-EDIN	6.00	4.00	48.50		147.139	24.25	8.00	60.00	11, 170
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.00	10.00	15.00		147.118	27.50	-7.00		170
Ant_{3b}	(2)SBNHH-1D65B	12.00	7.00	72.00		146.931	29.75	10.50	60.00	11, 170
Ant_{3c}										
Ant_{4a}	RFV01U-D2A	15.00	10.00	15.00		146.993	27.50	-7.00		11, 171
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	BXA-80063-6BF-EDIN-	11.00	5.50	68.60		146.323	34.05	9.75	60.00	11, 171
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	60.00	Deg	Leg A:		Deg
Sector B:	180.00	Deg	Leg B:		Deg
Sector C:	300.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	260.00 Deg	N/A
Climbing Facility	Corrosion Type:	N/A
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	BXA-171063-12CF-ED	6.00	4.00	72.50		146.348	33.75	8.00	180.00	18, 173
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.00	10.00	15.00		147.118	27.50	-7.00		173
Ant_{3b}	(2)SBNHH-1D65B	12.00	7.00	72.00		146.931	29.75	10.50	180.00	18, 173
Ant_{3c}										
Ant_{4a}	RFV01U-D2A	15.00	10.00	15.00		146.993	27.50	-7.00		18, 173
Ant_{4b}										
Ant_{4c}										
Ant_{5a}	UNKNOWN:GPS	3.00	3.00	7.00		142.368	81.50	-5.00		174
Ant_{5b}	BXA-80063-6BF-EDIN	11.00	5.50	68.60		146.323	34.05	9.75	180.00	18, 174
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RHSDC-3315-PF-48	15.00	10.00	29.00			58.00	7.25		142
Ant on Tower	RRFDC-3315-PF-48	15.00	10.00	25.50			62.75	7.25		332
Sector C										
Ant_{1a}										
Ant_{1b}	BXA-171063-12CF-ED	6.00	4.00	72.50		146.348	33.75	8.00	300.00	25, 176
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.00	10.00	15.00		147.118	27.50	-7.00		176
Ant_{3b}	(2)SBNHH-1D65B	12.00	7.00	72.00		146.931	29.75	10.50	300.00	25, 176
Ant_{3c}										
Ant_{4a}	RFV01U-D2A	15.00	10.00	15.00		146.993	27.50	-7.00		25, 176
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	BXA-80063-6BF-EDIN	11.00	5.50	68.60		146.323	34.05	9.75	300.00	25, 176
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	TOTAL COAX (14): (6) FH 1 5/8, (2) 1.5"Ø HYBRID, (6) FH 1 5/8 CUT COAX	
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.

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC #
UNKNOWN

Tower Owner:	CROWN CASTLE	**Mapping Date:**	01-16-2021
Site Name:	CC:CT New Britain 3 CAC 803175, VZW: New Britain 3 CT	**Tower Type:**	Monopole
Site Number or ID:	CC: 803175	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS Design & Engineering LLC.	**Mount Elevation (Ft.):**	144.66

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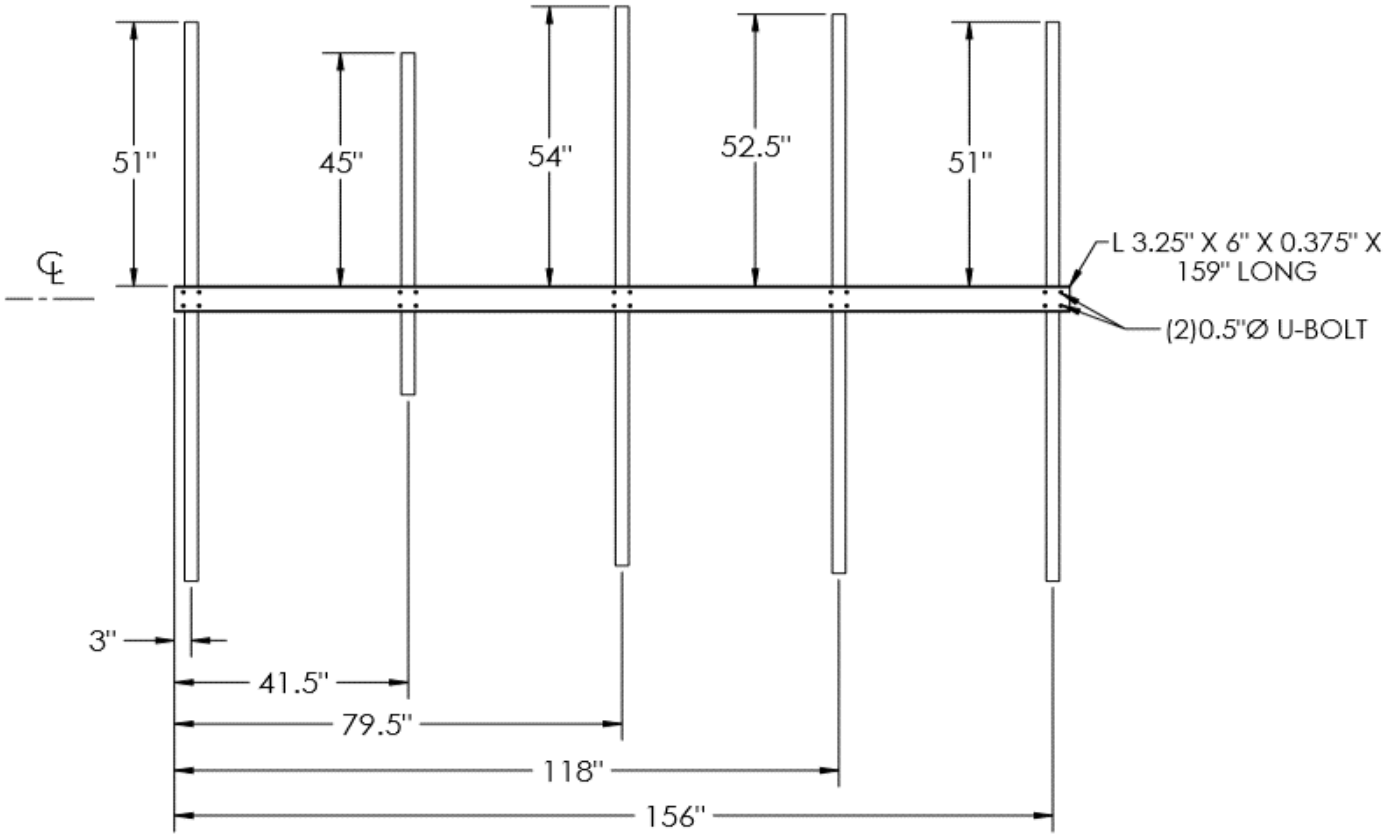
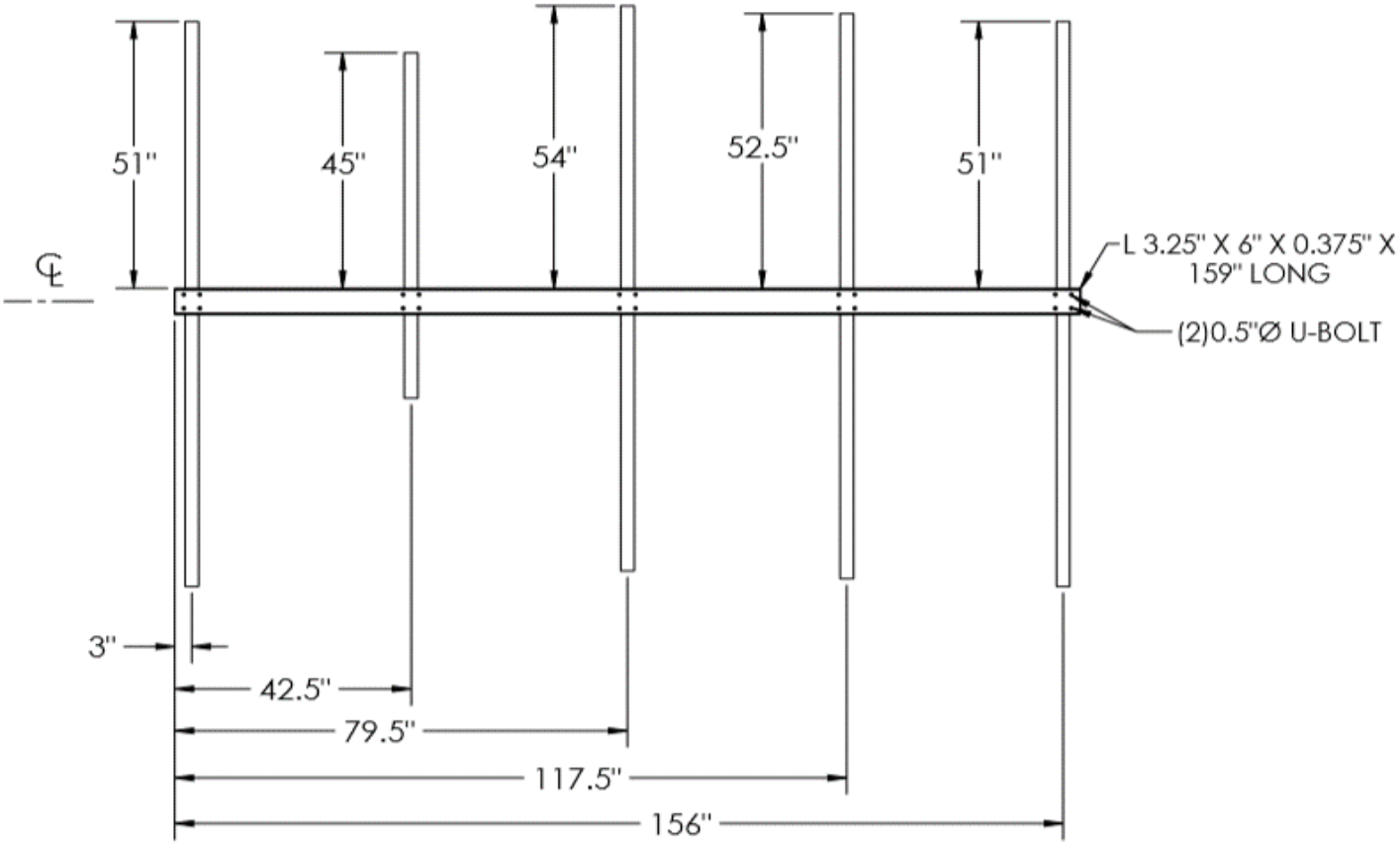
Please Insert Sketches of the Antenna Mount



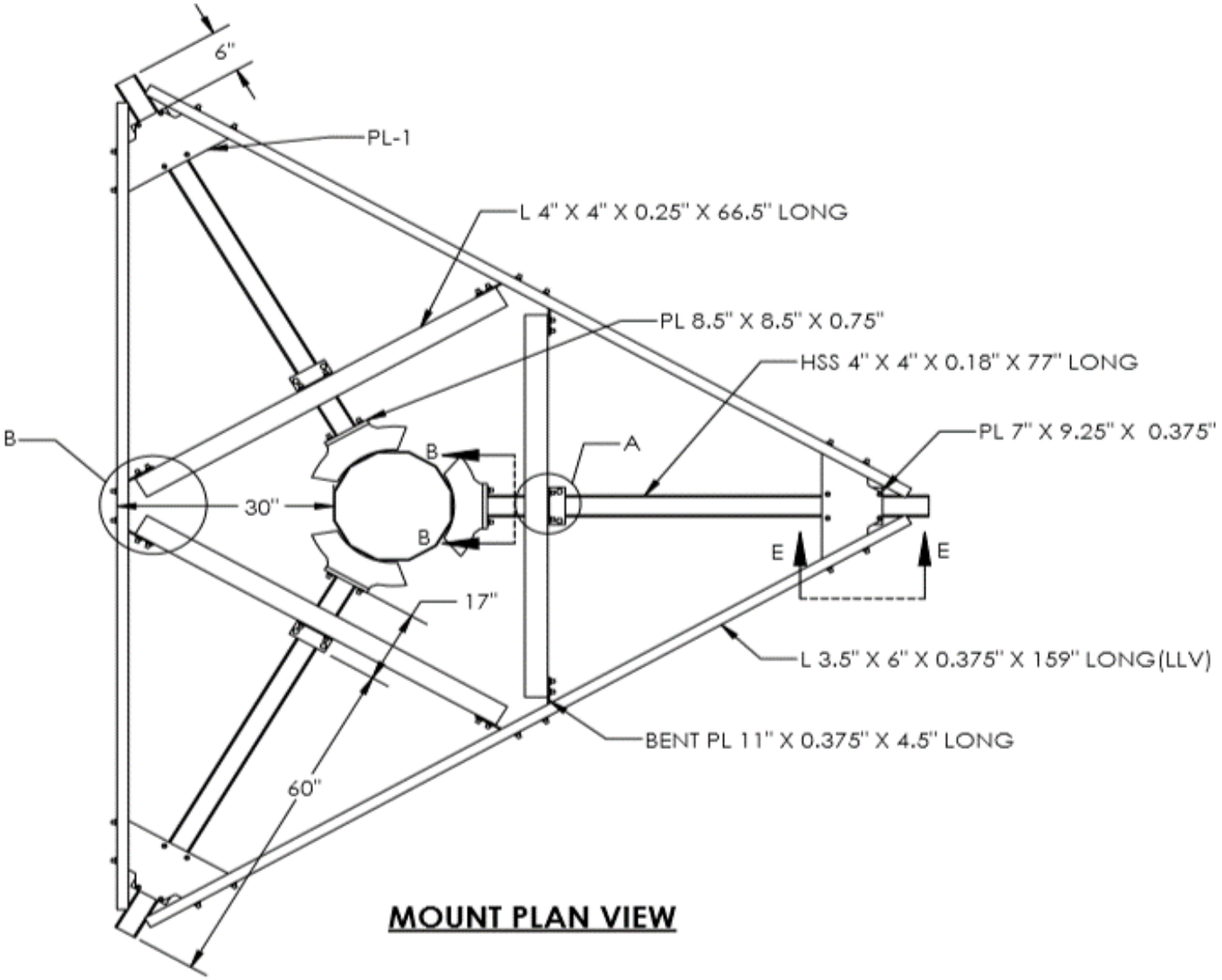
SECTOR-A

Please Insert Sketches of the Antenna Mount, cont'd



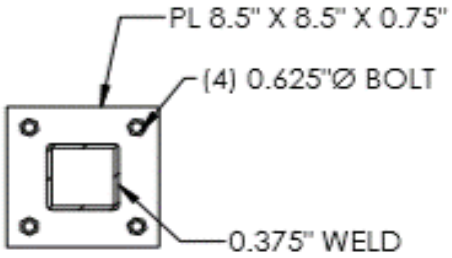
SECTOR-B&C

Please Insert Sketches of the Antenna Mount, cont'd

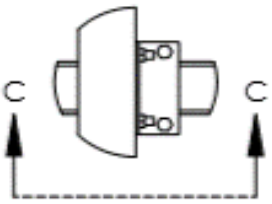


MOUNT PLAN VIEW

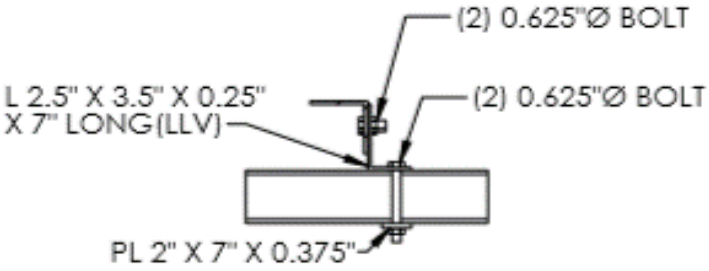
Please Insert Sketches of the Antenna Mount, cont'd



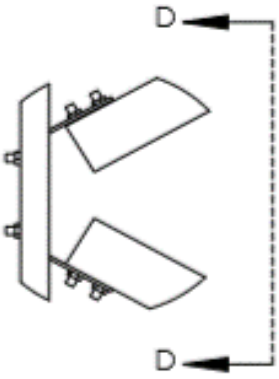
SECTION B-B



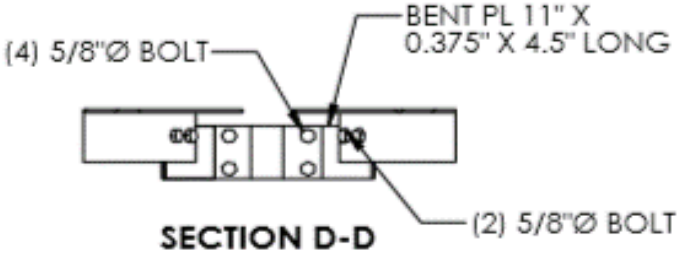
DETAIL A



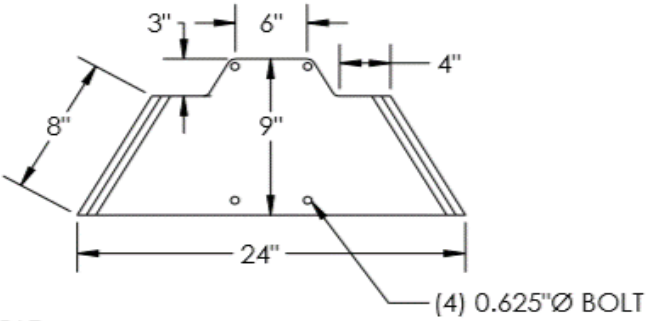
SECTION C-C

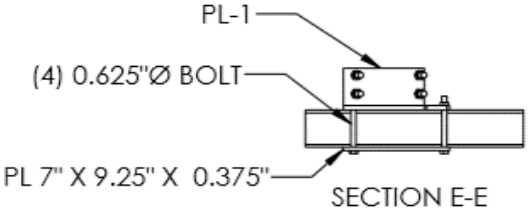


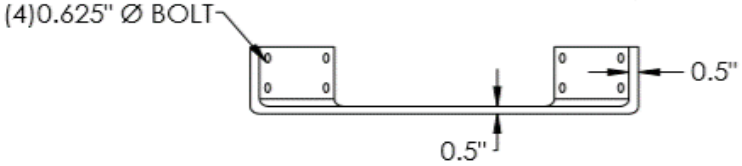
DETAIL B



SECTION D-D

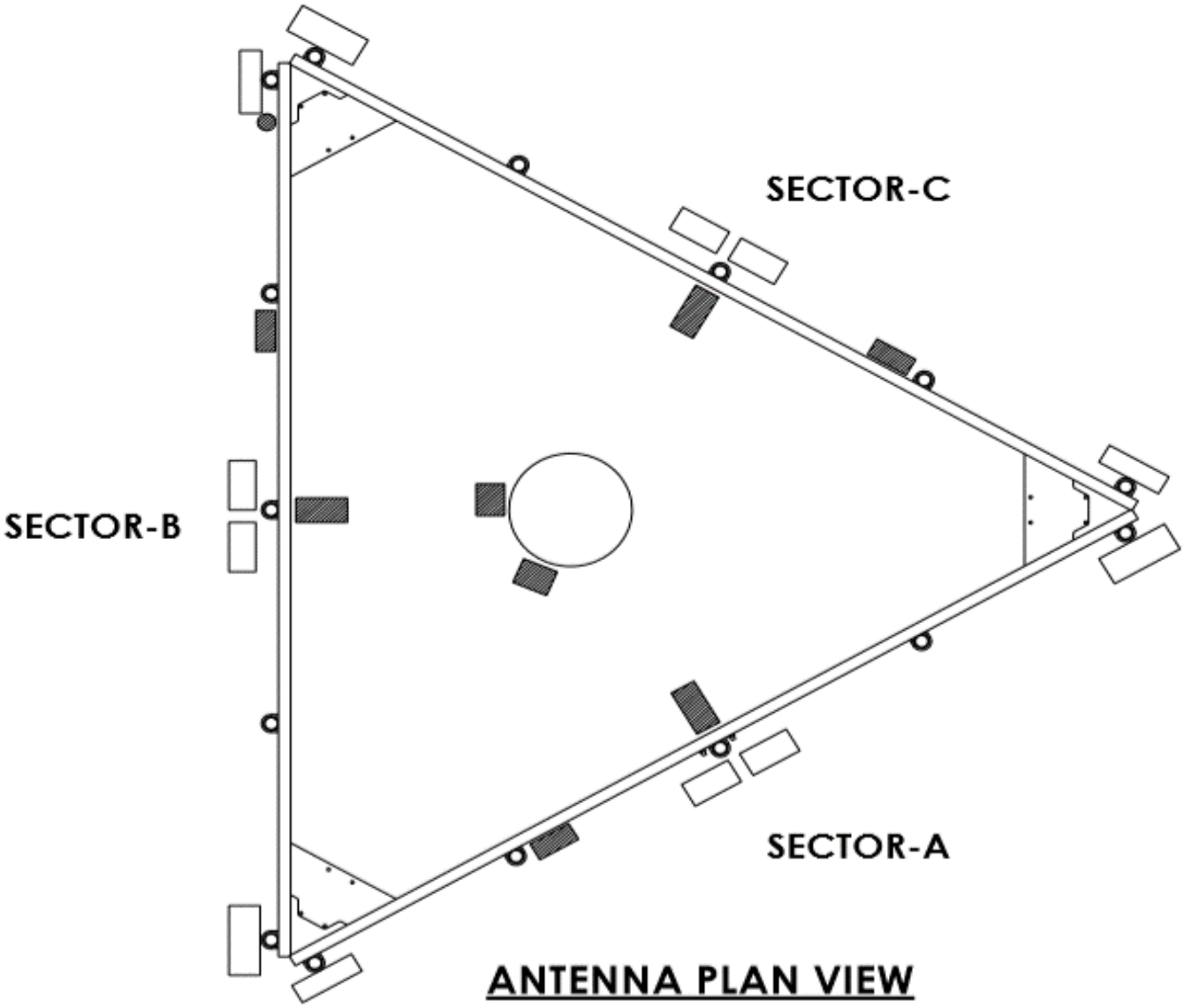






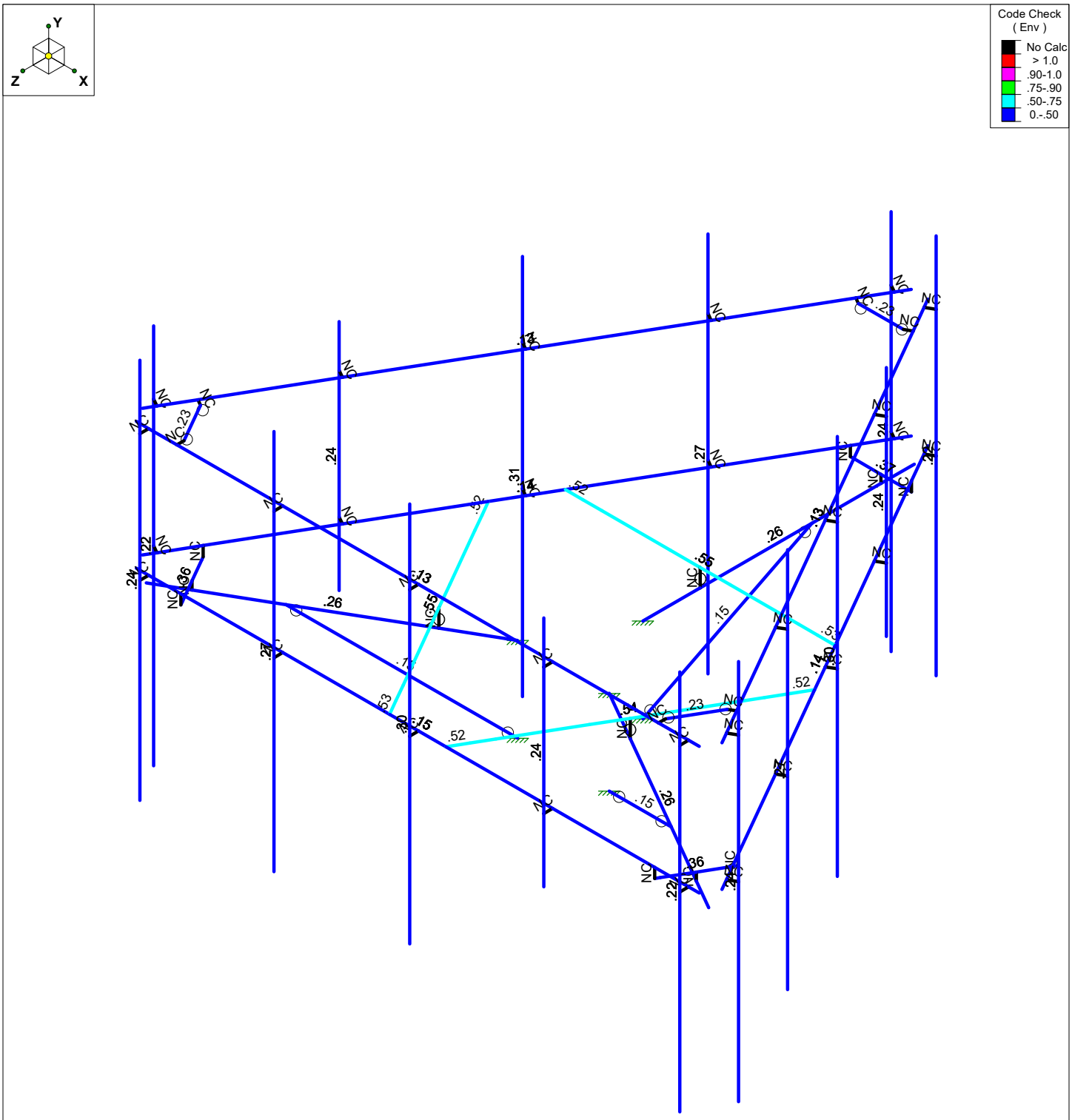
PL-1 DETAIL

Please Insert Sketches of the Antenna Mount, cont'd



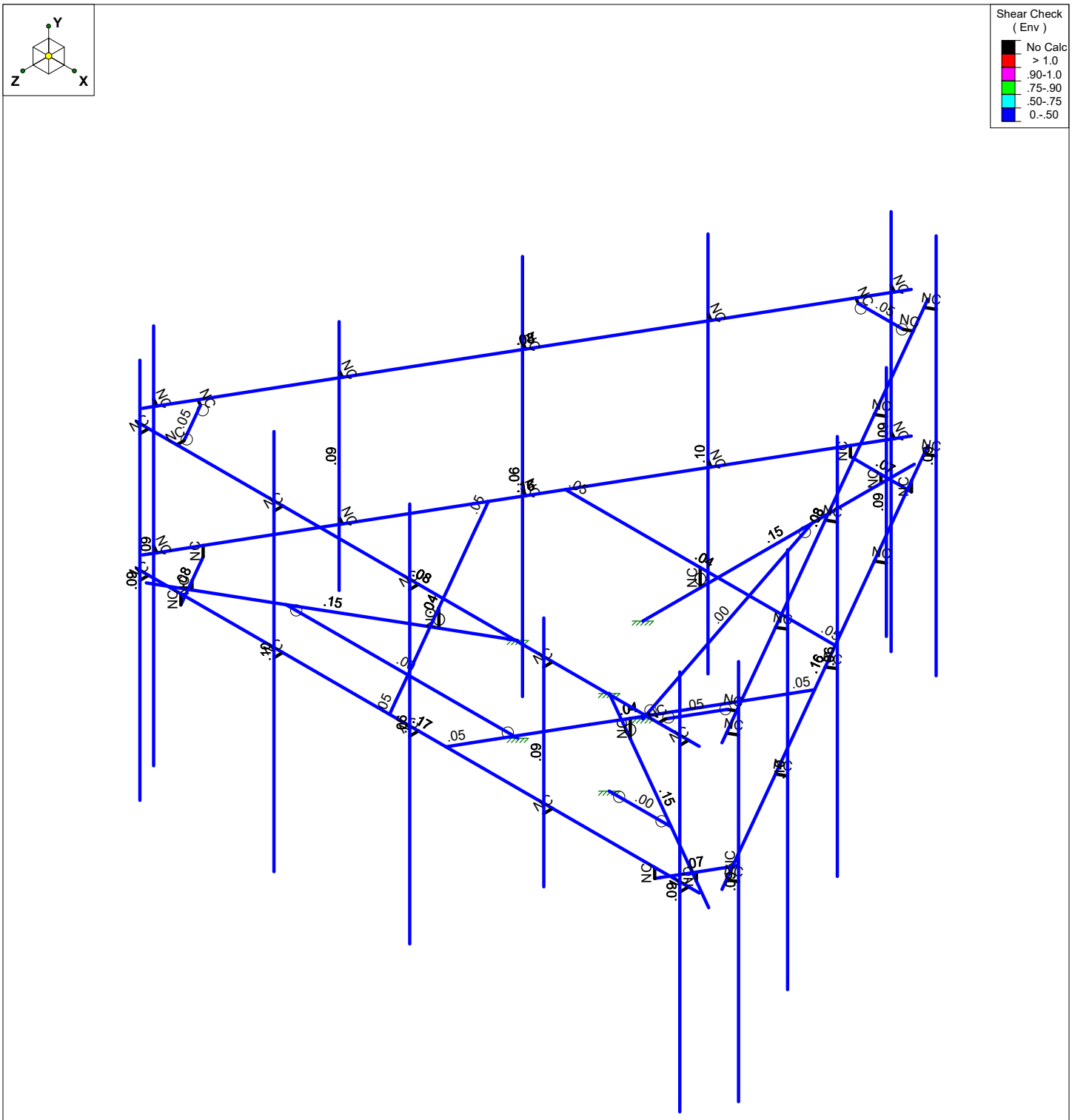
ANTENNA PLAN VIEW

	5000382471-VZW_MT_LO_H	SK - 1
		July 3, 2023 at 10:05 AM
		5000382471-VZW_MT_LO_H.r3d



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

	5000382471-VZW_MT_LO_H	SK - 2
		July 3, 2023 at 10:05 AM
		5000382471-VZW_MT_LO_H.r3d



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

	5000382471-VZW_MT_LO_H	SK - 3
		July 3, 2023 at 10:06 AM
		5000382471-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					102			
2	Antenna Di	None					102			
3	Antenna Wo (0 Deg)	None					102			
4	Antenna Wo (30 Deg)	None					102			
5	Antenna Wo (60 Deg)	None					102			
6	Antenna Wo (90 Deg)	None					102			
7	Antenna Wo (120 Deg)	None					102			
8	Antenna Wo (150 Deg)	None					102			
9	Antenna Wo (180 Deg)	None					102			
10	Antenna Wo (210 Deg)	None					102			
11	Antenna Wo (240 Deg)	None					102			
12	Antenna Wo (270 Deg)	None					102			
13	Antenna Wo (300 Deg)	None					102			
14	Antenna Wo (330 Deg)	None					102			
15	Antenna Wi (0 Deg)	None					102			
16	Antenna Wi (30 Deg)	None					102			
17	Antenna Wi (60 Deg)	None					102			
18	Antenna Wi (90 Deg)	None					102			
19	Antenna Wi (120 Deg)	None					102			
20	Antenna Wi (150 Deg)	None					102			
21	Antenna Wi (180 Deg)	None					102			
22	Antenna Wi (210 Deg)	None					102			
23	Antenna Wi (240 Deg)	None					102			
24	Antenna Wi (270 Deg)	None					102			
25	Antenna Wi (300 Deg)	None					102			
26	Antenna Wi (330 Deg)	None					102			
27	Antenna Wm (0 Deg)	None					102			
28	Antenna Wm (30 Deg)	None					102			
29	Antenna Wm (60 Deg)	None					102			
30	Antenna Wm (90 Deg)	None					102			
31	Antenna Wm (120 Deg)	None					102			
32	Antenna Wm (150 Deg)	None					102			
33	Antenna Wm (180 Deg)	None					102			
34	Antenna Wm (210 Deg)	None					102			
35	Antenna Wm (240 Deg)	None					102			
36	Antenna Wm (270 Deg)	None					102			
37	Antenna Wm (300 Deg)	None					102			
38	Antenna Wm (330 Deg)	None					102			
39	Structure D	None		-1					3	
40	Structure Di	None						42	3	
41	Structure Wo (0 Deg)	None						84		
42	Structure Wo (30 Deg)	None						84		
43	Structure Wo (60 Deg)	None						84		
44	Structure Wo (90 Deg)	None						84		
45	Structure Wo (120 Deg)	None						84		
46	Structure Wo (150 Deg)	None						84		
47	Structure Wo (180 Deg)	None						84		
48	Structure Wo (210 Deg)	None						84		
49	Structure Wo (240 Deg)	None						84		
50	Structure Wo (270 Deg)	None						84		
51	Structure Wo (300 Deg)	None						84		
52	Structure Wo (330 Deg)	None						84		
53	Structure Wi (0 Deg)	None						84		
54	Structure Wi (30 Deg)	None						84		
55	Structure Wi (60 Deg)	None						84		
56	Structure Wi (90 Deg)	None						84		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
57	Structure Wi (120 Deg)	None						84		
58	Structure Wi (150 Deg)	None						84		
59	Structure Wi (180 Deg)	None						84		
60	Structure Wi (210 Deg)	None						84		
61	Structure Wi (240 Deg)	None						84		
62	Structure Wi (270 Deg)	None						84		
63	Structure Wi (300 Deg)	None						84		
64	Structure Wi (330 Deg)	None						84		
65	Structure Wm (0 Deg)	None						84		
66	Structure Wm (30 Deg)	None						84		
67	Structure Wm (60 Deg)	None						84		
68	Structure Wm (90 Deg)	None						84		
69	Structure Wm (120 Deg)	None						84		
70	Structure Wm (150 Deg)	None						84		
71	Structure Wm (180 Deg)	None						84		
72	Structure Wm (210 Deg)	None						84		
73	Structure Wm (240 Deg)	None						84		
74	Structure Wm (270 Deg)	None						84		
75	Structure Wm (300 Deg)	None						84		
76	Structure Wm (330 Deg)	None						84		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					102			
82	Antenna Eh (0 Deg)	None					68			
83	Antenna Eh (90 Deg)	None					68			
84	Structure Ev	ELY							3	
85	Structure Eh (0 Deg)	ELZ			-.03				3	
86	Structure Eh (90 Deg)	ELX	.03						3	
87	BLC 39 Transient Area Loads	None						51		
88	BLC 40 Transient Area Loads	None						51		
89	BLC 84 Transient Area Loads	None								
90	BLC 85 Transient Area Loads	None						51		
91	BLC 86 Transient Area Loads	None						51		

Load Combinations

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

Load Combinations (Continued)

	Description	Solve	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	BLC	Fa...	BLC	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N141A	6.645834	0	4.064464	0	
2	N142A	-6.645833	0	4.064464	0	
3	N152B	0.	0	-0.	0	
4	N153A	0.	-0.416667	-1.25	0	
5	N154A	0.	-0.416667	-7.666667	0	
6	N158	3.187457	0	-2.60809	0	
7	N162	-3.187458	0	-2.608089	0	
8	N161B	-2.770792	0	-2.608089	0	
9	N162A	2.770833	0	-2.60809	0	
10	N163	0.	0	-2.608089	0	
11	N164	0.	-0.416667	-2.60809	0	
12	N168	0.722463	0	-6.877562	0	
13	N169	-0.722477	0	-6.877562	0	
14	N168A	0.	-0.229167	-6.877562	0	
15	N169A	0.722463	-0.229167	-6.877562	0	
16	N170	-0.722477	-0.229167	-6.877562	0	
17	N170A	0.	-0.416667	-6.877562	0	
18	N215A	6.395834	0	4.064464	0	
19	N223A	6.395834	0	4.272798	0	
20	N227A	6.395834	4.5	4.272798	0	
21	N231	6.395834	-4.5	4.272798	0	
22	N140A	0.709215	0	-2.60809	0	
23	N141B	2.321474	0	-2.60809	0	
24	N142B	-0.709215	0	-2.60809	0	
25	N143A	-2.321433	0	-2.608089	0	
26	N26	-1.082532	-0.416667	0.625	0	
27	N27	-6.639528	-0.416667	3.833333	0	
28	N28	-3.852401	0	-1.456374	0	
29	N29	-0.664943	0	4.064464	0	
30	N30	-0.873276	0	3.703621	0	
31	N31	-3.644089	0	-1.095567	0	
32	N32	-2.258672	0	1.304045	0	
33	N33	-2.258672	-0.416667	1.304045	0	
34	N36	-5.956144	-0.229167	3.438781	0	
35	N37	-6.268875	-0.229167	2.897114	0	
36	N38	-5.643412	-0.229167	3.980447	0	
37	N39	-5.956144	-0.416667	3.438781	0	
38	N40	-2.61328	0	0.689846	0	
39	N41	-3.419409	0	-0.706411	0	
40	N42	-1.904064	0	1.918243	0	
41	N43	-1.097955	0	3.314465	0	
42	N44	1.082532	-0.416667	0.625	0	
43	N45	6.639528	-0.416667	3.833333	0	
44	N46	0.664943	0	4.064464	0	
45	N47	3.852401	0	-1.456375	0	
46	N48	3.644068	0	-1.095531	0	
47	N49	0.873256	0	3.703657	0	
48	N50	2.258672	0	1.304045	0	
49	N51	2.258672	-0.416667	1.304045	0	
50	N54	5.956144	-0.229167	3.438781	0	
51	N55	5.643412	-0.229167	3.980448	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N56	6.268875	-0.229167	2.897115	0	
53	N57	5.956144	-0.416667	3.438781	0	
54	N58	1.904064	0	1.918243	0	
55	N59	1.097935	0	3.314501	0	
56	N60	2.61328	0	0.689846	0	
57	N61	3.419388	0	-0.706375	0	
58	N62	0.197012	0	-7.787693	0	
59	N63	6.842846	0	3.723228	0	
60	N123	-6.842846	0	3.723229	0	
61	N124	-0.197013	0	-7.787692	0	
62	N67	3.1875	0	4.064464	0	
63	N68	3.1875	0	4.272798	0	
64	N69	3.1875	4	4.272798	0	
65	N70	3.1875	-1.5	4.272798	0	
66	N71	0.020834	0	4.064464	0	
67	N72	0.020834	0	4.272798	0	
68	N73	0.020834	4.75	4.272798	0	
69	N74	0.020834	-4.25	4.272798	0	
70	N75	-3.1875	0	4.064464	0	
71	N76	-3.1875	0	4.272798	0	
72	N77	-3.1875	4.625	4.272798	0	
73	N78	-3.1875	-4.375	4.272798	0	
74	N79	-6.354166	0	4.064464	0	
75	N80	-6.354166	0	4.272798	0	
76	N81	-6.354166	4.5	4.272798	0	
77	N82	-6.354166	-4.5	4.272798	0	
78	N94	-6.317375	0	2.81311	0	
79	N95	-5.594905	0	4.064464	0	
80	N97	-6.317375	-0.229167	2.81311	0	
81	N98	-5.594905	-0.229167	4.064464	0	
82	N100	0.322012	0	-7.571187	0	
83	N101	0.502434	0	-7.675353	0	
84	N102	0.502434	4.5	-7.675353	0	
85	N103	0.502434	-4.5	-7.675353	0	
86	N137	0.625463	-0.229167	-6.877562	0	
87	N138	-0.625462	-0.229167	-6.877562	0	
88	N149	1.926179	0	-4.792688	0	
89	N150	2.106601	0	-4.896855	0	
90	N151	2.106601	4	-4.896855	0	
91	N152	2.106601	-1.5	-4.896855	0	
92	N153	3.509512	0	-2.050275	0	
93	N154	3.689934	0	-2.154441	0	
94	N155	3.689934	4.75	-2.154441	0	
95	N156	3.689934	-4.25	-2.154441	0	
96	N157	5.113679	0	0.728224	0	
97	N158A	5.294101	0	0.624057	0	
98	N159	5.294101	4.625	0.624057	0	
99	N160	5.294101	-4.375	0.624057	0	
100	N161	6.697012	0	3.470637	0	
101	N162B	6.877434	0	3.366471	0	
102	N163A	6.877434	4.5	3.366471	0	
103	N164A	6.877434	-4.5	3.366471	0	
104	N176	5.594912	0	4.064453	0	
105	N177	6.317382	0	2.813098	0	
106	N179	5.594912	-0.229167	4.064453	0	
107	N180	6.317382	-0.229167	2.813098	0	
108	N182	-6.717846	0	3.506722	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N183	-6.898268	0	3.402556	0	
110	N184	-6.898268	4.5	3.402556	0	
111	N185	-6.898268	-4.5	3.402556	0	
112	N231A	-5.113679	0	0.728224	0	
113	N232	-5.294101	0	0.624058	0	
114	N233	-5.294101	4	0.624058	0	
115	N234	-5.294101	-1.5	0.624058	0	
116	N235	-3.530346	0	-2.01419	0	
117	N236	-3.710768	0	-2.118356	0	
118	N237	-3.710768	4.75	-2.118356	0	
119	N238	-3.710768	-4.25	-2.118356	0	
120	N239	-1.926179	0	-4.792688	0	
121	N240	-2.106601	0	-4.896854	0	
122	N241	-2.106601	4.625	-4.896854	0	
123	N242	-2.106601	-4.375	-4.896854	0	
124	N243	-0.342846	0	-7.535102	0	
125	N244	-0.523268	0	-7.639268	0	
126	N245	-0.523268	4.5	-7.639268	0	
127	N246	-0.523268	-4.5	-7.639268	0	
128	N128	6.645834	3	4.064464	0	
129	N129	-6.645833	3	4.064464	0	
130	N130	6.395834	3	4.064464	0	
131	N131	6.395834	3	4.272798	0	
132	N132	0.197012	3	-7.787693	0	
133	N133	6.842846	3	3.723228	0	
134	N134	-6.842846	3	3.723229	0	
135	N135	-0.197013	3	-7.787692	0	
136	N136	3.1875	3	4.064464	0	
137	N137A	3.1875	3	4.272798	0	
138	N138A	0.020834	3	4.064464	0	
139	N139	0.020834	3	4.272798	0	
140	N140	-3.1875	3	4.064464	0	
141	N141	-3.1875	3	4.272798	0	
142	N142	-6.354166	3	4.064464	0	
143	N143	-6.354166	3	4.272798	0	
144	N144	0.322012	3	-7.571187	0	
145	N145	0.502434	3	-7.675353	0	
146	N146	1.926179	3	-4.792688	0	
147	N147	2.106601	3	-4.896855	0	
148	N148	3.509512	3	-2.050275	0	
149	N149A	3.689934	3	-2.154441	0	
150	N150A	5.113679	3	0.728224	0	
151	N151A	5.294101	3	0.624057	0	
152	N152A	6.697012	3	3.470637	0	
153	N153B	6.877434	3	3.366471	0	
154	N154B	-6.717846	3	3.506722	0	
155	N155A	-6.898268	3	3.402556	0	
156	N156A	-5.113679	3	0.728224	0	
157	N157A	-5.294101	3	0.624058	0	
158	N158B	-3.530346	3	-2.01419	0	
159	N159A	-3.710768	3	-2.118356	0	
160	N160A	-1.926179	3	-4.792688	0	
161	N161A	-2.106601	3	-4.896854	0	
162	N162C	-0.342846	3	-7.535102	0	
163	N163B	-0.523268	3	-7.639268	0	
164	N164B	-5.6875	3	4.064464	0	
165	N165	-5.6875	3	3.897797	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N166	5.6875	3	4.064464	0	
167	N167	5.6875	3	3.897797	0	
168	N168B	6.363679	3	2.893287	0	
169	N169B	6.219341	3	2.97662	0	
170	N170B	0.676179	3	-6.957751	0	
171	N171	0.531842	3	-6.874418	0	
172	N172	-0.676179	3	-6.957751	0	
173	N173	-0.531842	3	-6.874418	0	
174	N174	-6.363679	3	2.893287	0	
175	N175	-6.219341	3	2.97662	0	
176	N176A	0.	-0.416667	-5.25	0	
177	N177A	0.	-2.416667	-1.25	0	
178	N178	-4.546634	-0.416667	2.625	0	
179	N179A	-1.082532	-2.416667	0.625	0	
180	N180A	4.546634	-0.416667	2.625	0	
181	N181	1.082532	-2.416667	0.625	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	TES Plate	PL1/2x10	Beam	Pipe	A53 Gr.B	Typical	5	.104	41.667	.404
2	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
4	Support Rail Corner Bracket	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
5	Standoff Tab	PL1/4x3.5	Beam	RECT	A36 Gr.36	Typical	.875	.005	.893	.017
6	Corner Plate	PL1/2x9	Beam	RECT	A36 Gr.36	Typical	4.5	.094	30.375	.362
7	Standoff Horizontal	HSS4X4X3	Beam	Channel	A36 Gr.36	Typical	2.58	6.21	6.21	10
8	Cross Member	L4X4X4	Beam	Single Angle	A36 Gr.36	Typical	1.93	3	3	.044
9	Face Horizontal	L6X3.5X6	Beam	Single Angle	A36 Gr.36	Typical	3.44	3.33	12.9	.168
10	Kicker	LL3x3x3x6	Beam	Double Angl...	A36 Gr.36	Typical	2.18	4.97	1.9	.027

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	FACE	N142A	N141A		180	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
2	M76	N153A	N154A			Standoff Horizontal	Beam	Channel	A36 Gr.36	Typical
3	M77	N161B	N162A		90	Cross Member	Beam	Single Angle	A36 Gr.36	Typical
4	M78	N162	N161B			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
5	M79	N162A	N158			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
6	M80	N164	N163			RIGID	None	None	RIGID	Typical
7	M81	N170	N169			RIGID	None	None	RIGID	Typical
8	M82	N169A	N168			RIGID	None	None	RIGID	Typical
9	M83	N170A	N168A			RIGID	None	None	RIGID	Typical
10	M84	N170	N169A		90	Corner Plate	Beam	RECT	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
11	L1	N215A	N223A			RIGID	None	None	RIGID	Typical
12	MP1A	N227A	N231			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
13	M13	N26	N27			Standoff Horizontal	Beam	Channel	A36 Gr.36	Typical
14	M14	N30	N31		90	Cross Member	Beam	Single Angle	A36 Gr.36	Typical
15	M15	N29	N30			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
16	M16	N31	N28			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
17	M17	N33	N32			RIGID	None	None	RIGID	Typical
18	M20	N39	N36			RIGID	None	None	RIGID	Typical
19	M22	N44	N45			Standoff Horizontal	Beam	Channel	A36 Gr.36	Typical
20	M23	N48	N49		90	Cross Member	Beam	Single Angle	A36 Gr.36	Typical
21	M24	N47	N48			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
22	M25	N49	N46			Standoff Tab	Beam	RECT	A36 Gr.36	Typical
23	M26	N51	N50			RIGID	None	None	RIGID	Typical
24	M29	N57	N54			RIGID	None	None	RIGID	Typical
25	M31	N63	N62		180	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
26	M61	N124	N123		180	Face Horizontal	Beam	Single Angle	A36 Gr.36	Typical
27	M33	N67	N68			RIGID	None	None	RIGID	Typical
28	MP2A	N69	N70			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
29	LIVE1	N71	N72			RIGID	None	None	RIGID	Typical
30	MP3A	N73	N74			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
31	M37	N75	N76			RIGID	None	None	RIGID	Typical
32	MP4A	N77	N78			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
33	LIVE2	N79	N80			RIGID	None	None	RIGID	Typical
34	MP5A	N81	N82			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
35	M47	N98	N95			RIGID	None	None	RIGID	Typical
36	M48	N97	N94			RIGID	None	None	RIGID	Typical
37	M50	N98	N97		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
38	M51	N100	N101			RIGID	None	None	RIGID	Typical
39	MP1C	N102	N103			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
40	M73A	N149	N150			RIGID	None	None	RIGID	Typical
41	MP2C	N151	N152			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
42	M75	N153	N154			RIGID	None	None	RIGID	Typical
43	MP3C	N155	N156			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
44	M77A	N157	N158A			RIGID	None	None	RIGID	Typical
45	MP4C	N159	N160			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
46	M79A	N161	N162B			RIGID	None	None	RIGID	Typical
47	MP5C	N163A	N164A			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
48	M87	N180	N177			RIGID	None	None	RIGID	Typical
49	M88	N179	N176			RIGID	None	None	RIGID	Typical
50	M90	N180	N179		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
51	M91	N182	N183			RIGID	None	None	RIGID	Typical
52	MP1B	N184	N185			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
53	M113A	N231A	N232			RIGID	None	None	RIGID	Typical
54	MP2B	N233	N234			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
55	M115	N235	N236			RIGID	None	None	RIGID	Typical
56	MP3B	N237	N238			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
57	M117	N239	N240			RIGID	None	None	RIGID	Typical
58	MP4B	N241	N242			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
59	M119	N243	N244			RIGID	None	None	RIGID	Typical
60	MP5B	N245	N246			Mount Pipe	Beam	Pipe	A53 Gr.B	Typical
61	M61A	N130	N131			RIGID	None	None	RIGID	Typical
62	M62	N136	N137A			RIGID	None	None	RIGID	Typical
63	M63	N138A	N139			RIGID	None	None	RIGID	Typical
64	M64	N140	N141			RIGID	None	None	RIGID	Typical
65	M65	N142	N143			RIGID	None	None	RIGID	Typical
66	M66	N144	N145			RIGID	None	None	RIGID	Typical
67	M67	N146	N147			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
68	M68	N148	N149A			RIGID	None	None	RIGID	Typical
69	M69	N150A	N151A			RIGID	None	None	RIGID	Typical
70	M70	N152A	N153B			RIGID	None	None	RIGID	Typical
71	M71	N154B	N155A			RIGID	None	None	RIGID	Typical
72	M72	N156A	N157A			RIGID	None	None	RIGID	Typical
73	M73	N158B	N159A			RIGID	None	None	RIGID	Typical
74	M74	N160A	N161A			RIGID	None	None	RIGID	Typical
75	M75A	N162C	N163B			RIGID	None	None	RIGID	Typical
76	M76A	N134	N135			Support Rail	Beam	Pipe	A53 Gr.B	Typical
77	M77B	N132	N133			Support Rail	Beam	Pipe	A53 Gr.B	Typical
78	M78A	N128	N129			Support Rail	Beam	Pipe	A53 Gr.B	Typical
79	M79B	N164B	N165			RIGID	None	None	RIGID	Typical
80	M80A	N166	N167			RIGID	None	None	RIGID	Typical
81	M81A	N168B	N169B			RIGID	None	None	RIGID	Typical
82	M82A	N170B	N171			RIGID	None	None	RIGID	Typical
83	M83A	N172	N173			RIGID	None	None	RIGID	Typical
84	M84A	N174	N175			RIGID	None	None	RIGID	Typical
85	M85	N165	N175		90	Support Rail Corne...	Beam	Single Angle	A36 Gr.36	Typical
86	M86	N173	N171		90	Support Rail Corne...	Beam	Single Angle	A36 Gr.36	Typical
87	M87A	N169B	N167		90	Support Rail Corne...	Beam	Single Angle	A36 Gr.36	Typical
88	M88A	N176A	N177A			Kicker	Beam	Double Angle ...	A36 Gr.36	Typical
89	M89	N178	N179A			Kicker	Beam	Double Angle ...	A36 Gr.36	Typical
90	M90A	N180A	N181			Kicker	Beam	Double Angle ...	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	FACE						Yes				None
2	M76						Yes				None
3	M77						Yes				None
4	M78						Yes				None
5	M79						Yes				None
6	M80		AllPIN			Compressi...	Yes	** NA **			None
7	M81						Yes	** NA **			None
8	M82						Yes	** NA **			None
9	M83						Yes	** NA **			None
10	M84						Yes				None
11	L1						Yes	** NA **			None
12	MP1A						Yes	Default			None
13	M13						Yes				None
14	M14						Yes				None
15	M15						Yes				None
16	M16						Yes				None
17	M17		AllPIN			Compressi...	Yes	** NA **			None
18	M20						Yes	** NA **			None
19	M22						Yes				None
20	M23						Yes				None
21	M24						Yes				None
22	M25						Yes				None
23	M26		AllPIN			Compressi...	Yes	** NA **			None
24	M29						Yes	** NA **			None
25	M31						Yes				None
26	M61						Yes				None
27	M33						Yes	** NA **			None
28	MP2A						Yes	Default			None
29	LIVE1						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
30	MP3A						Yes	Default			None
31	M37						Yes	** NA **			None
32	MP4A						Yes	Default			None
33	LIVE2						Yes	** NA **			None
34	MP5A						Yes	Default			None
35	M47						Yes	** NA **			None
36	M48						Yes	** NA **			None
37	M50						Yes				None
38	M51						Yes	** NA **			None
39	MP1C						Yes	Default			None
40	M73A						Yes	** NA **			None
41	MP2C						Yes	Default			None
42	M75						Yes	** NA **			None
43	MP3C						Yes	Default			None
44	M77A						Yes	** NA **			None
45	MP4C						Yes	Default			None
46	M79A						Yes	** NA **			None
47	MP5C						Yes	Default			None
48	M87						Yes	** NA **			None
49	M88						Yes	** NA **			None
50	M90						Yes				None
51	M91						Yes	** NA **			None
52	MP1B						Yes	Default			None
53	M113A						Yes	** NA **			None
54	MP2B						Yes	Default			None
55	M115						Yes	** NA **			None
56	MP3B						Yes	Default			None
57	M117						Yes	** NA **			None
58	MP4B						Yes	Default			None
59	M119						Yes	** NA **			None
60	MP5B						Yes	Default			None
61	M61A						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73						Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75A						Yes	** NA **			None
76	M76A						Yes				None
77	M77B						Yes				None
78	M78A						Yes				None
79	M79B	OOOOOX					Yes	** NA **			None
80	M80A	OOOOOX					Yes	** NA **			None
81	M81A	OOOOOX					Yes	** NA **			None
82	M82A	OOOOOX					Yes	** NA **			None
83	M83A	OOOOOX					Yes	** NA **			None
84	M84A	OOOOOX					Yes	** NA **			None
85	M85						Yes				None
86	M86						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
87	M87A						Yes				None
88	M88A	BenPIN	BenPIN				Yes	Default			None
89	M89	BenPIN	BenPIN				Yes	Default			None
90	M90A	BenPIN	BenPIN				Yes	Default			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	Y	-17.6	5.5
2	MP3B	My	-.007	5.5
3	MP3B	Mz	.013	5.5
4	MP1A	Y	-4.4	5
5	MP1A	My	-.002	5
6	MP1A	Mz	0	5
7	MP1B	Y	-4.4	5
8	MP1B	My	.001	5
9	MP1B	Mz	-.002	5
10	MP1C	Y	-4.4	5
11	MP1C	My	.001	5
12	MP1C	Mz	.002	5
13	MP5A	Y	-9.6	.5
14	MP5A	My	-.005	.5
15	MP5A	Mz	0	.5
16	MP5A	Y	-9.6	5.5
17	MP5A	My	-.005	5.5
18	MP5A	Mz	0	5.5
19	MP5B	Y	-9.6	.5
20	MP5B	My	.002	.5
21	MP5B	Mz	-.004	.5
22	MP5B	Y	-9.6	5.5
23	MP5B	My	.002	5.5
24	MP5B	Mz	-.004	5.5
25	MP5C	Y	-9.6	.5
26	MP5C	My	.002	.5
27	MP5C	Mz	.004	.5
28	MP5C	Y	-9.6	5.5
29	MP5C	My	.002	5.5
30	MP5C	Mz	.004	5.5
31	MP3A	Y	-20	.5
32	MP3A	My	-.01	.5
33	MP3A	Mz	.012	.5
34	MP3A	Y	-20	5.5
35	MP3A	My	-.01	5.5
36	MP3A	Mz	.012	5.5
37	MP3B	Y	-20	.5
38	MP3B	My	-.005	.5
39	MP3B	Mz	-.014	.5
40	MP3B	Y	-20	5.5
41	MP3B	My	-.005	5.5
42	MP3B	Mz	-.014	5.5
43	MP3C	Y	-20	.5
44	MP3C	My	.015	.5
45	MP3C	Mz	.003	.5
46	MP3C	Y	-20	5.5
47	MP3C	My	.015	5.5
48	MP3C	Mz	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	Y	-20	.5
50	MP3A	My	-.01	.5
51	MP3A	Mz	-.012	.5
52	MP3A	Y	-20	5.5
53	MP3A	My	-.01	5.5
54	MP3A	Mz	-.012	5.5
55	MP3B	Y	-20	.5
56	MP3B	My	.015	.5
57	MP3B	Mz	-.003	.5
58	MP3B	Y	-20	5.5
59	MP3B	My	.015	5.5
60	MP3B	Mz	-.003	5.5
61	MP3C	Y	-20	.5
62	MP3C	My	-.005	.5
63	MP3C	Mz	.014	.5
64	MP3C	Y	-20	5.5
65	MP3C	My	-.005	5.5
66	MP3C	Mz	.014	5.5
67	MP3A	Y	-84.4	2
68	MP3A	My	.042	2
69	MP3A	Mz	0	2
70	MP3B	Y	-84.4	2
71	MP3B	My	-.021	2
72	MP3B	Mz	.037	2
73	MP3C	Y	-84.4	2
74	MP3C	My	-.021	2
75	MP3C	Mz	-.037	2
76	MP4A	Y	-70.3	2
77	MP4A	My	0	2
78	MP4A	Mz	.035	2
79	MP4B	Y	-70.3	2
80	MP4B	My	-.03	2
81	MP4B	Mz	-.018	2
82	MP4C	Y	-70.3	2
83	MP4C	My	.03	2
84	MP4C	Mz	-.018	2
85	MP1A	Y	-43.55	.5
86	MP1A	My	-.036	.5
87	MP1A	Mz	0	.5
88	MP1A	Y	-43.55	2.5
89	MP1A	My	-.036	2.5
90	MP1A	Mz	0	2.5
91	MP1B	Y	-43.55	.5
92	MP1B	My	.018	.5
93	MP1B	Mz	-.031	.5
94	MP1B	Y	-43.55	2.5
95	MP1B	My	.018	2.5
96	MP1B	Mz	-.031	2.5
97	MP1C	Y	-43.55	.5
98	MP1C	My	.018	.5
99	MP1C	Mz	.031	.5
100	MP1C	Y	-43.55	2.5
101	MP1C	My	.018	2.5
102	MP1C	Mz	.031	2.5

Member Point Loads (BLC 2 : Antenna Di)

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	Y	-29.063	5.5
2	MP3B	My	-.012	5.5
3	MP3B	Mz	.021	5.5
4	MP1A	Y	-23.002	5
5	MP1A	My	-.012	5
6	MP1A	Mz	0	5
7	MP1B	Y	-23.002	5
8	MP1B	My	.006	5
9	MP1B	Mz	-.01	5
10	MP1C	Y	-23.002	5
11	MP1C	My	.006	5
12	MP1C	Mz	.01	5
13	MP5A	Y	-80.511	.5
14	MP5A	My	-.04	.5
15	MP5A	Mz	0	.5
16	MP5A	Y	-80.511	5.5
17	MP5A	My	-.04	5.5
18	MP5A	Mz	0	5.5
19	MP5B	Y	-80.511	.5
20	MP5B	My	.02	.5
21	MP5B	Mz	-.035	.5
22	MP5B	Y	-80.511	5.5
23	MP5B	My	.02	5.5
24	MP5B	Mz	-.035	5.5
25	MP5C	Y	-80.511	.5
26	MP5C	My	.02	.5
27	MP5C	Mz	.035	.5
28	MP5C	Y	-80.511	5.5
29	MP5C	My	.02	5.5
30	MP5C	Mz	.035	5.5
31	MP3A	Y	-96.862	.5
32	MP3A	My	-.048	.5
33	MP3A	Mz	.057	.5
34	MP3A	Y	-96.862	5.5
35	MP3A	My	-.048	5.5
36	MP3A	Mz	.057	5.5
37	MP3B	Y	-96.862	.5
38	MP3B	My	-.025	.5
39	MP3B	Mz	-.07	.5
40	MP3B	Y	-96.862	5.5
41	MP3B	My	-.025	5.5
42	MP3B	Mz	-.07	5.5
43	MP3C	Y	-96.862	.5
44	MP3C	My	.073	.5
45	MP3C	Mz	.014	.5
46	MP3C	Y	-96.862	5.5
47	MP3C	My	.073	5.5
48	MP3C	Mz	.014	5.5
49	MP3A	Y	-96.862	.5
50	MP3A	My	-.048	.5
51	MP3A	Mz	-.057	.5
52	MP3A	Y	-96.862	5.5
53	MP3A	My	-.048	5.5
54	MP3A	Mz	-.057	5.5
55	MP3B	Y	-96.862	.5
56	MP3B	My	.073	.5
57	MP3B	Mz	-.014	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	Y	-96.862	5.5
59	MP3B	My	.073	5.5
60	MP3B	Mz	-.014	5.5
61	MP3C	Y	-96.862	.5
62	MP3C	My	-.025	.5
63	MP3C	Mz	.07	.5
64	MP3C	Y	-96.862	5.5
65	MP3C	My	-.025	5.5
66	MP3C	Mz	.07	5.5
67	MP3A	Y	-72.13	2
68	MP3A	My	.036	2
69	MP3A	Mz	0	2
70	MP3B	Y	-72.13	2
71	MP3B	My	-.018	2
72	MP3B	Mz	.031	2
73	MP3C	Y	-72.13	2
74	MP3C	My	-.018	2
75	MP3C	Mz	-.031	2
76	MP4A	Y	-65.127	2
77	MP4A	My	0	2
78	MP4A	Mz	.033	2
79	MP4B	Y	-65.127	2
80	MP4B	My	-.028	2
81	MP4B	Mz	-.016	2
82	MP4C	Y	-65.127	2
83	MP4C	My	.028	2
84	MP4C	Mz	-.016	2
85	MP1A	Y	-56.746	.5
86	MP1A	My	-.047	.5
87	MP1A	Mz	0	.5
88	MP1A	Y	-56.746	2.5
89	MP1A	My	-.047	2.5
90	MP1A	Mz	0	2.5
91	MP1B	Y	-56.746	.5
92	MP1B	My	.024	.5
93	MP1B	Mz	-.041	.5
94	MP1B	Y	-56.746	2.5
95	MP1B	My	.024	2.5
96	MP1B	Mz	-.041	2.5
97	MP1C	Y	-56.746	.5
98	MP1C	My	.024	.5
99	MP1C	Mz	.041	.5
100	MP1C	Y	-56.746	2.5
101	MP1C	My	.024	2.5
102	MP1C	Mz	.041	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	5.5
2	MP3B	Z	-19.023	5.5
3	MP3B	Mx	-.014	5.5
4	MP1A	X	0	5
5	MP1A	Z	-37.044	5
6	MP1A	Mx	0	5
7	MP1B	X	0	5
8	MP1B	Z	-14.709	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	.006	5
10	MP1C	X	0	5
11	MP1C	Z	-14.709	5
12	MP1C	Mx	-.006	5
13	MP5A	X	0	.5
14	MP5A	Z	-150.648	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	5.5
17	MP5A	Z	-150.648	5.5
18	MP5A	Mx	0	5.5
19	MP5B	X	0	.5
20	MP5B	Z	-100.458	.5
21	MP5B	Mx	.043	.5
22	MP5B	X	0	5.5
23	MP5B	Z	-100.458	5.5
24	MP5B	Mx	.043	5.5
25	MP5C	X	0	.5
26	MP5C	Z	-100.458	.5
27	MP5C	Mx	-.043	.5
28	MP5C	X	0	5.5
29	MP5C	Z	-100.458	5.5
30	MP5C	Mx	-.043	5.5
31	MP3A	X	0	.5
32	MP3A	Z	-114.335	.5
33	MP3A	Mx	-.067	.5
34	MP3A	X	0	5.5
35	MP3A	Z	-114.335	5.5
36	MP3A	Mx	-.067	5.5
37	MP3B	X	0	.5
38	MP3B	Z	-65.468	.5
39	MP3B	Mx	.047	.5
40	MP3B	X	0	5.5
41	MP3B	Z	-65.468	5.5
42	MP3B	Mx	.047	5.5
43	MP3C	X	0	.5
44	MP3C	Z	-65.468	.5
45	MP3C	Mx	-.009	.5
46	MP3C	X	0	5.5
47	MP3C	Z	-65.468	5.5
48	MP3C	Mx	-.009	5.5
49	MP3A	X	0	.5
50	MP3A	Z	-114.335	.5
51	MP3A	Mx	.067	.5
52	MP3A	X	0	5.5
53	MP3A	Z	-114.335	5.5
54	MP3A	Mx	.067	5.5
55	MP3B	X	0	.5
56	MP3B	Z	-65.468	.5
57	MP3B	Mx	.009	.5
58	MP3B	X	0	5.5
59	MP3B	Z	-65.468	5.5
60	MP3B	Mx	.009	5.5
61	MP3C	X	0	.5
62	MP3C	Z	-65.468	.5
63	MP3C	Mx	-.047	.5
64	MP3C	X	0	5.5
65	MP3C	Z	-65.468	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3C	Mx	-.047	5.5
67	MP3A	X	0	2
68	MP3A	Z	-64.326	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	-48.452	2
72	MP3B	Mx	-.021	2
73	MP3C	X	0	2
74	MP3C	Z	-48.452	2
75	MP3C	Mx	.021	2
76	MP4A	X	0	2
77	MP4A	Z	-64.326	2
78	MP4A	Mx	-.032	2
79	MP4B	X	0	2
80	MP4B	Z	-42.538	2
81	MP4B	Mx	.011	2
82	MP4C	X	0	2
83	MP4C	Z	-42.538	2
84	MP4C	Mx	.011	2
85	MP1A	X	0	.5
86	MP1A	Z	-81.342	.5
87	MP1A	Mx	0	.5
88	MP1A	X	0	2.5
89	MP1A	Z	-81.342	2.5
90	MP1A	Mx	0	2.5
91	MP1B	X	0	.5
92	MP1B	Z	-41.345	.5
93	MP1B	Mx	.03	.5
94	MP1B	X	0	2.5
95	MP1B	Z	-41.345	2.5
96	MP1B	Mx	.03	2.5
97	MP1C	X	0	.5
98	MP1C	Z	-41.345	.5
99	MP1C	Mx	-.03	.5
100	MP1C	X	0	2.5
101	MP1C	Z	-41.345	2.5
102	MP1C	Mx	-.03	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	6.042	5.5
2	MP3B	Z	-10.465	5.5
3	MP3B	Mx	-.01	5.5
4	MP1A	X	14.799	5
5	MP1A	Z	-25.633	5
6	MP1A	Mx	-.007	5
7	MP1B	X	3.632	5
8	MP1B	Z	-6.291	5
9	MP1B	Mx	.004	5
10	MP1C	X	14.799	5
11	MP1C	Z	-25.633	5
12	MP1C	Mx	-.007	5
13	MP5A	X	66.959	.5
14	MP5A	Z	-115.977	.5
15	MP5A	Mx	-.033	.5
16	MP5A	X	66.959	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP5A	Z	-115.977	5.5
18	MP5A	Mx	-.033	5.5
19	MP5B	X	41.864	.5
20	MP5B	Z	-72.511	.5
21	MP5B	Mx	.042	.5
22	MP5B	X	41.864	5.5
23	MP5B	Z	-72.511	5.5
24	MP5B	Mx	.042	5.5
25	MP5C	X	66.959	.5
26	MP5C	Z	-115.977	.5
27	MP5C	Mx	-.033	.5
28	MP5C	X	66.959	5.5
29	MP5C	Z	-115.977	5.5
30	MP5C	Mx	-.033	5.5
31	MP3A	X	49.023	.5
32	MP3A	Z	-84.91	.5
33	MP3A	Mx	-.074	.5
34	MP3A	X	49.023	5.5
35	MP3A	Z	-84.91	5.5
36	MP3A	Mx	-.074	5.5
37	MP3B	X	24.589	.5
38	MP3B	Z	-42.59	.5
39	MP3B	Mx	.025	.5
40	MP3B	X	24.589	5.5
41	MP3B	Z	-42.59	5.5
42	MP3B	Mx	.025	5.5
43	MP3C	X	49.023	.5
44	MP3C	Z	-84.91	.5
45	MP3C	Mx	.025	.5
46	MP3C	X	49.023	5.5
47	MP3C	Z	-84.91	5.5
48	MP3C	Mx	.025	5.5
49	MP3A	X	49.023	.5
50	MP3A	Z	-84.91	.5
51	MP3A	Mx	.025	.5
52	MP3A	X	49.023	5.5
53	MP3A	Z	-84.91	5.5
54	MP3A	Mx	.025	5.5
55	MP3B	X	24.589	.5
56	MP3B	Z	-42.59	.5
57	MP3B	Mx	.025	.5
58	MP3B	X	24.589	5.5
59	MP3B	Z	-42.59	5.5
60	MP3B	Mx	.025	5.5
61	MP3C	X	49.023	.5
62	MP3C	Z	-84.91	.5
63	MP3C	Mx	-.074	.5
64	MP3C	X	49.023	5.5
65	MP3C	Z	-84.91	5.5
66	MP3C	Mx	-.074	5.5
67	MP3A	X	29.518	2
68	MP3A	Z	-51.126	2
69	MP3A	Mx	.015	2
70	MP3B	X	21.58	2
71	MP3B	Z	-37.379	2
72	MP3B	Mx	-.022	2
73	MP3C	X	29.518	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	-51.126	2
75	MP3C	Mx	.015	2
76	MP4A	X	28.532	2
77	MP4A	Z	-49.419	2
78	MP4A	Mx	-.025	2
79	MP4B	X	17.638	2
80	MP4B	Z	-30.55	2
81	MP4B	Mx	0	2
82	MP4C	X	28.532	2
83	MP4C	Z	-49.419	2
84	MP4C	Mx	.025	2
85	MP1A	X	34.005	.5
86	MP1A	Z	-58.898	.5
87	MP1A	Mx	-.028	.5
88	MP1A	X	34.005	2.5
89	MP1A	Z	-58.898	2.5
90	MP1A	Mx	-.028	2.5
91	MP1B	X	14.007	.5
92	MP1B	Z	-24.26	.5
93	MP1B	Mx	.023	.5
94	MP1B	X	14.007	2.5
95	MP1B	Z	-24.26	2.5
96	MP1B	Mx	.023	2.5
97	MP1C	X	34.005	.5
98	MP1C	Z	-58.898	.5
99	MP1C	Mx	-.028	.5
100	MP1C	X	34.005	2.5
101	MP1C	Z	-58.898	2.5
102	MP1C	Mx	-.028	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	16.475	5.5
2	MP3B	Z	-9.512	5.5
3	MP3B	Mx	-.014	5.5
4	MP1A	X	12.739	5
5	MP1A	Z	-7.355	5
6	MP1A	Mx	-.006	5
7	MP1B	X	12.739	5
8	MP1B	Z	-7.355	5
9	MP1B	Mx	.006	5
10	MP1C	X	32.081	5
11	MP1C	Z	-18.522	5
12	MP1C	Mx	0	5
13	MP5A	X	87	.5
14	MP5A	Z	-50.229	.5
15	MP5A	Mx	-.043	.5
16	MP5A	X	87	5.5
17	MP5A	Z	-50.229	5.5
18	MP5A	Mx	-.043	5.5
19	MP5B	X	87	.5
20	MP5B	Z	-50.229	.5
21	MP5B	Mx	.043	.5
22	MP5B	X	87	5.5
23	MP5B	Z	-50.229	5.5
24	MP5B	Mx	.043	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP5C	X	130.465	.5
26	MP5C	Z	-75.324	.5
27	MP5C	Mx	0	.5
28	MP5C	X	130.465	5.5
29	MP5C	Z	-75.324	5.5
30	MP5C	Mx	0	5.5
31	MP3A	X	56.697	.5
32	MP3A	Z	-32.734	.5
33	MP3A	Mx	-.047	.5
34	MP3A	X	56.697	5.5
35	MP3A	Z	-32.734	5.5
36	MP3A	Mx	-.047	5.5
37	MP3B	X	56.697	.5
38	MP3B	Z	-32.734	.5
39	MP3B	Mx	.009	.5
40	MP3B	X	56.697	5.5
41	MP3B	Z	-32.734	5.5
42	MP3B	Mx	.009	5.5
43	MP3C	X	99.017	.5
44	MP3C	Z	-57.168	.5
45	MP3C	Mx	.067	.5
46	MP3C	X	99.017	5.5
47	MP3C	Z	-57.168	5.5
48	MP3C	Mx	.067	5.5
49	MP3A	X	56.697	.5
50	MP3A	Z	-32.734	.5
51	MP3A	Mx	-.009	.5
52	MP3A	X	56.697	5.5
53	MP3A	Z	-32.734	5.5
54	MP3A	Mx	-.009	5.5
55	MP3B	X	56.697	.5
56	MP3B	Z	-32.734	.5
57	MP3B	Mx	.047	.5
58	MP3B	X	56.697	5.5
59	MP3B	Z	-32.734	5.5
60	MP3B	Mx	.047	5.5
61	MP3C	X	99.017	.5
62	MP3C	Z	-57.168	.5
63	MP3C	Mx	-.067	.5
64	MP3C	X	99.017	5.5
65	MP3C	Z	-57.168	5.5
66	MP3C	Mx	-.067	5.5
67	MP3A	X	41.961	2
68	MP3A	Z	-24.226	2
69	MP3A	Mx	.021	2
70	MP3B	X	41.961	2
71	MP3B	Z	-24.226	2
72	MP3B	Mx	-.021	2
73	MP3C	X	55.708	2
74	MP3C	Z	-32.163	2
75	MP3C	Mx	0	2
76	MP4A	X	36.839	2
77	MP4A	Z	-21.269	2
78	MP4A	Mx	-.011	2
79	MP4B	X	36.839	2
80	MP4B	Z	-21.269	2
81	MP4B	Mx	-.011	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	55.708	2
83	MP4C	Z	-32.163	2
84	MP4C	Mx	.032	2
85	MP1A	X	35.806	.5
86	MP1A	Z	-20.673	.5
87	MP1A	Mx	-.03	.5
88	MP1A	X	35.806	2.5
89	MP1A	Z	-20.673	2.5
90	MP1A	Mx	-.03	2.5
91	MP1B	X	35.806	.5
92	MP1B	Z	-20.673	.5
93	MP1B	Mx	.03	.5
94	MP1B	X	35.806	2.5
95	MP1B	Z	-20.673	2.5
96	MP1B	Mx	.03	2.5
97	MP1C	X	70.444	.5
98	MP1C	Z	-40.671	.5
99	MP1C	Mx	0	.5
100	MP1C	X	70.444	2.5
101	MP1C	Z	-40.671	2.5
102	MP1C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	32.902	5.5
2	MP3B	Z	0	5.5
3	MP3B	Mx	-.014	5.5
4	MP1A	X	7.264	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.004	5
7	MP1B	X	29.599	5
8	MP1B	Z	0	5
9	MP1B	Mx	.007	5
10	MP1C	X	29.599	5
11	MP1C	Z	0	5
12	MP1C	Mx	.007	5
13	MP5A	X	83.728	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	-.042	.5
16	MP5A	X	83.728	5.5
17	MP5A	Z	0	5.5
18	MP5A	Mx	-.042	5.5
19	MP5B	X	133.918	.5
20	MP5B	Z	0	.5
21	MP5B	Mx	.033	.5
22	MP5B	X	133.918	5.5
23	MP5B	Z	0	5.5
24	MP5B	Mx	.033	5.5
25	MP5C	X	133.918	.5
26	MP5C	Z	0	.5
27	MP5C	Mx	.033	.5
28	MP5C	X	133.918	5.5
29	MP5C	Z	0	5.5
30	MP5C	Mx	.033	5.5
31	MP3A	X	49.179	.5
32	MP3A	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3A	Mx	-.025	.5
34	MP3A	X	49.179	5.5
35	MP3A	Z	0	5.5
36	MP3A	Mx	-.025	5.5
37	MP3B	X	98.046	.5
38	MP3B	Z	0	.5
39	MP3B	Mx	-.025	.5
40	MP3B	X	98.046	5.5
41	MP3B	Z	0	5.5
42	MP3B	Mx	-.025	5.5
43	MP3C	X	98.046	.5
44	MP3C	Z	0	.5
45	MP3C	Mx	.074	.5
46	MP3C	X	98.046	5.5
47	MP3C	Z	0	5.5
48	MP3C	Mx	.074	5.5
49	MP3A	X	49.179	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	-.025	.5
52	MP3A	X	49.179	5.5
53	MP3A	Z	0	5.5
54	MP3A	Mx	-.025	5.5
55	MP3B	X	98.046	.5
56	MP3B	Z	0	.5
57	MP3B	Mx	.074	.5
58	MP3B	X	98.046	5.5
59	MP3B	Z	0	5.5
60	MP3B	Mx	.074	5.5
61	MP3C	X	98.046	.5
62	MP3C	Z	0	.5
63	MP3C	Mx	-.025	.5
64	MP3C	X	98.046	5.5
65	MP3C	Z	0	5.5
66	MP3C	Mx	-.025	5.5
67	MP3A	X	43.161	2
68	MP3A	Z	0	2
69	MP3A	Mx	.022	2
70	MP3B	X	59.035	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.015	2
73	MP3C	X	59.035	2
74	MP3C	Z	0	2
75	MP3C	Mx	-.015	2
76	MP4A	X	35.276	2
77	MP4A	Z	0	2
78	MP4A	Mx	0	2
79	MP4B	X	57.064	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.025	2
82	MP4C	X	57.064	2
83	MP4C	Z	0	2
84	MP4C	Mx	.025	2
85	MP1A	X	28.013	.5
86	MP1A	Z	0	.5
87	MP1A	Mx	-.023	.5
88	MP1A	X	28.013	2.5
89	MP1A	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1A	Mx	-.023	2.5
91	MP1B	X	68.01	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	.028	.5
94	MP1B	X	68.01	2.5
95	MP1B	Z	0	2.5
96	MP1B	Mx	.028	2.5
97	MP1C	X	68.01	.5
98	MP1C	Z	0	.5
99	MP1C	Mx	.028	.5
100	MP1C	X	68.01	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	.028	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	34.503	5.5
2	MP3B	Z	19.92	5.5
3	MP3B	Mx	0	5.5
4	MP1A	X	12.739	5
5	MP1A	Z	7.355	5
6	MP1A	Mx	-.006	5
7	MP1B	X	32.081	5
8	MP1B	Z	18.522	5
9	MP1B	Mx	0	5
10	MP1C	X	12.739	5
11	MP1C	Z	7.355	5
12	MP1C	Mx	.006	5
13	MP5A	X	87	.5
14	MP5A	Z	50.229	.5
15	MP5A	Mx	-.043	.5
16	MP5A	X	87	5.5
17	MP5A	Z	50.229	5.5
18	MP5A	Mx	-.043	5.5
19	MP5B	X	130.465	.5
20	MP5B	Z	75.324	.5
21	MP5B	Mx	0	.5
22	MP5B	X	130.465	5.5
23	MP5B	Z	75.324	5.5
24	MP5B	Mx	0	5.5
25	MP5C	X	87	.5
26	MP5C	Z	50.229	.5
27	MP5C	Mx	.043	.5
28	MP5C	X	87	5.5
29	MP5C	Z	50.229	5.5
30	MP5C	Mx	.043	5.5
31	MP3A	X	56.697	.5
32	MP3A	Z	32.734	.5
33	MP3A	Mx	-.009	.5
34	MP3A	X	56.697	5.5
35	MP3A	Z	32.734	5.5
36	MP3A	Mx	-.009	5.5
37	MP3B	X	99.017	.5
38	MP3B	Z	57.168	.5
39	MP3B	Mx	-.067	.5
40	MP3B	X	99.017	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	57.168	5.5
42	MP3B	Mx	-.067	5.5
43	MP3C	X	56.697	.5
44	MP3C	Z	32.734	.5
45	MP3C	Mx	.047	.5
46	MP3C	X	56.697	5.5
47	MP3C	Z	32.734	5.5
48	MP3C	Mx	.047	5.5
49	MP3A	X	56.697	.5
50	MP3A	Z	32.734	.5
51	MP3A	Mx	-.047	.5
52	MP3A	X	56.697	5.5
53	MP3A	Z	32.734	5.5
54	MP3A	Mx	-.047	5.5
55	MP3B	X	99.017	.5
56	MP3B	Z	57.168	.5
57	MP3B	Mx	.067	.5
58	MP3B	X	99.017	5.5
59	MP3B	Z	57.168	5.5
60	MP3B	Mx	.067	5.5
61	MP3C	X	56.697	.5
62	MP3C	Z	32.734	.5
63	MP3C	Mx	.009	.5
64	MP3C	X	56.697	5.5
65	MP3C	Z	32.734	5.5
66	MP3C	Mx	.009	5.5
67	MP3A	X	41.961	2
68	MP3A	Z	24.226	2
69	MP3A	Mx	.021	2
70	MP3B	X	55.708	2
71	MP3B	Z	32.163	2
72	MP3B	Mx	0	2
73	MP3C	X	41.961	2
74	MP3C	Z	24.226	2
75	MP3C	Mx	-.021	2
76	MP4A	X	36.839	2
77	MP4A	Z	21.269	2
78	MP4A	Mx	.011	2
79	MP4B	X	55.708	2
80	MP4B	Z	32.163	2
81	MP4B	Mx	-.032	2
82	MP4C	X	36.839	2
83	MP4C	Z	21.269	2
84	MP4C	Mx	.011	2
85	MP1A	X	35.806	.5
86	MP1A	Z	20.673	.5
87	MP1A	Mx	-.03	.5
88	MP1A	X	35.806	2.5
89	MP1A	Z	20.673	2.5
90	MP1A	Mx	-.03	2.5
91	MP1B	X	70.444	.5
92	MP1B	Z	40.671	.5
93	MP1B	Mx	0	.5
94	MP1B	X	70.444	2.5
95	MP1B	Z	40.671	2.5
96	MP1B	Mx	0	2.5
97	MP1C	X	35.806	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1C	Z	20.673	.5
99	MP1C	Mx	.03	.5
100	MP1C	X	35.806	2.5
101	MP1C	Z	20.673	2.5
102	MP1C	Mx	.03	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	16.451	5.5
2	MP3B	Z	28.494	5.5
3	MP3B	Mx	.014	5.5
4	MP1A	X	14.799	5
5	MP1A	Z	25.633	5
6	MP1A	Mx	-.007	5
7	MP1B	X	14.799	5
8	MP1B	Z	25.633	5
9	MP1B	Mx	-.007	5
10	MP1C	X	3.632	5
11	MP1C	Z	6.291	5
12	MP1C	Mx	.004	5
13	MP5A	X	66.959	.5
14	MP5A	Z	115.977	.5
15	MP5A	Mx	-.033	.5
16	MP5A	X	66.959	5.5
17	MP5A	Z	115.977	5.5
18	MP5A	Mx	-.033	5.5
19	MP5B	X	66.959	.5
20	MP5B	Z	115.977	.5
21	MP5B	Mx	-.033	.5
22	MP5B	X	66.959	5.5
23	MP5B	Z	115.977	5.5
24	MP5B	Mx	-.033	5.5
25	MP5C	X	41.864	.5
26	MP5C	Z	72.511	.5
27	MP5C	Mx	.042	.5
28	MP5C	X	41.864	5.5
29	MP5C	Z	72.511	5.5
30	MP5C	Mx	.042	5.5
31	MP3A	X	49.023	.5
32	MP3A	Z	84.91	.5
33	MP3A	Mx	.025	.5
34	MP3A	X	49.023	5.5
35	MP3A	Z	84.91	5.5
36	MP3A	Mx	.025	5.5
37	MP3B	X	49.023	.5
38	MP3B	Z	84.91	.5
39	MP3B	Mx	-.074	.5
40	MP3B	X	49.023	5.5
41	MP3B	Z	84.91	5.5
42	MP3B	Mx	-.074	5.5
43	MP3C	X	24.589	.5
44	MP3C	Z	42.59	.5
45	MP3C	Mx	.025	.5
46	MP3C	X	24.589	5.5
47	MP3C	Z	42.59	5.5
48	MP3C	Mx	.025	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	49.023	.5
50	MP3A	Z	84.91	.5
51	MP3A	Mx	-.074	.5
52	MP3A	X	49.023	5.5
53	MP3A	Z	84.91	5.5
54	MP3A	Mx	-.074	5.5
55	MP3B	X	49.023	.5
56	MP3B	Z	84.91	.5
57	MP3B	Mx	.025	.5
58	MP3B	X	49.023	5.5
59	MP3B	Z	84.91	5.5
60	MP3B	Mx	.025	5.5
61	MP3C	X	24.589	.5
62	MP3C	Z	42.59	.5
63	MP3C	Mx	.025	.5
64	MP3C	X	24.589	5.5
65	MP3C	Z	42.59	5.5
66	MP3C	Mx	.025	5.5
67	MP3A	X	29.518	2
68	MP3A	Z	51.126	2
69	MP3A	Mx	.015	2
70	MP3B	X	29.518	2
71	MP3B	Z	51.126	2
72	MP3B	Mx	.015	2
73	MP3C	X	21.58	2
74	MP3C	Z	37.379	2
75	MP3C	Mx	-.022	2
76	MP4A	X	28.532	2
77	MP4A	Z	49.419	2
78	MP4A	Mx	.025	2
79	MP4B	X	28.532	2
80	MP4B	Z	49.419	2
81	MP4B	Mx	-.025	2
82	MP4C	X	17.638	2
83	MP4C	Z	30.55	2
84	MP4C	Mx	0	2
85	MP1A	X	34.005	.5
86	MP1A	Z	58.898	.5
87	MP1A	Mx	-.028	.5
88	MP1A	X	34.005	2.5
89	MP1A	Z	58.898	2.5
90	MP1A	Mx	-.028	2.5
91	MP1B	X	34.005	.5
92	MP1B	Z	58.898	.5
93	MP1B	Mx	-.028	.5
94	MP1B	X	34.005	2.5
95	MP1B	Z	58.898	2.5
96	MP1B	Mx	-.028	2.5
97	MP1C	X	14.007	.5
98	MP1C	Z	24.26	.5
99	MP1C	Mx	.023	.5
100	MP1C	X	14.007	2.5
101	MP1C	Z	24.26	2.5
102	MP1C	Mx	.023	2.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	5.5
2	MP3B	Z	19.023	5.5
3	MP3B	Mx	.014	5.5
4	MP1A	X	0	5
5	MP1A	Z	37.044	5
6	MP1A	Mx	0	5
7	MP1B	X	0	5
8	MP1B	Z	14.709	5
9	MP1B	Mx	-.006	5
10	MP1C	X	0	5
11	MP1C	Z	14.709	5
12	MP1C	Mx	.006	5
13	MP5A	X	0	.5
14	MP5A	Z	150.648	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	5.5
17	MP5A	Z	150.648	5.5
18	MP5A	Mx	0	5.5
19	MP5B	X	0	.5
20	MP5B	Z	100.458	.5
21	MP5B	Mx	-.043	.5
22	MP5B	X	0	5.5
23	MP5B	Z	100.458	5.5
24	MP5B	Mx	-.043	5.5
25	MP5C	X	0	.5
26	MP5C	Z	100.458	.5
27	MP5C	Mx	.043	.5
28	MP5C	X	0	5.5
29	MP5C	Z	100.458	5.5
30	MP5C	Mx	.043	5.5
31	MP3A	X	0	.5
32	MP3A	Z	114.335	.5
33	MP3A	Mx	.067	.5
34	MP3A	X	0	5.5
35	MP3A	Z	114.335	5.5
36	MP3A	Mx	.067	5.5
37	MP3B	X	0	.5
38	MP3B	Z	65.468	.5
39	MP3B	Mx	-.047	.5
40	MP3B	X	0	5.5
41	MP3B	Z	65.468	5.5
42	MP3B	Mx	-.047	5.5
43	MP3C	X	0	.5
44	MP3C	Z	65.468	.5
45	MP3C	Mx	.009	.5
46	MP3C	X	0	5.5
47	MP3C	Z	65.468	5.5
48	MP3C	Mx	.009	5.5
49	MP3A	X	0	.5
50	MP3A	Z	114.335	.5
51	MP3A	Mx	-.067	.5
52	MP3A	X	0	5.5
53	MP3A	Z	114.335	5.5
54	MP3A	Mx	-.067	5.5
55	MP3B	X	0	.5
56	MP3B	Z	65.468	.5
57	MP3B	Mx	-.009	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	0	5.5
59	MP3B	Z	65.468	5.5
60	MP3B	Mx	-.009	5.5
61	MP3C	X	0	.5
62	MP3C	Z	65.468	.5
63	MP3C	Mx	.047	.5
64	MP3C	X	0	5.5
65	MP3C	Z	65.468	5.5
66	MP3C	Mx	.047	5.5
67	MP3A	X	0	2
68	MP3A	Z	64.326	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	48.452	2
72	MP3B	Mx	.021	2
73	MP3C	X	0	2
74	MP3C	Z	48.452	2
75	MP3C	Mx	-.021	2
76	MP4A	X	0	2
77	MP4A	Z	64.326	2
78	MP4A	Mx	.032	2
79	MP4B	X	0	2
80	MP4B	Z	42.538	2
81	MP4B	Mx	-.011	2
82	MP4C	X	0	2
83	MP4C	Z	42.538	2
84	MP4C	Mx	-.011	2
85	MP1A	X	0	.5
86	MP1A	Z	81.342	.5
87	MP1A	Mx	0	.5
88	MP1A	X	0	2.5
89	MP1A	Z	81.342	2.5
90	MP1A	Mx	0	2.5
91	MP1B	X	0	.5
92	MP1B	Z	41.345	.5
93	MP1B	Mx	-.03	.5
94	MP1B	X	0	2.5
95	MP1B	Z	41.345	2.5
96	MP1B	Mx	-.03	2.5
97	MP1C	X	0	.5
98	MP1C	Z	41.345	.5
99	MP1C	Mx	.03	.5
100	MP1C	X	0	2.5
101	MP1C	Z	41.345	2.5
102	MP1C	Mx	.03	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-6.042	5.5
2	MP3B	Z	10.465	5.5
3	MP3B	Mx	.01	5.5
4	MP1A	X	-14.799	5
5	MP1A	Z	25.633	5
6	MP1A	Mx	.007	5
7	MP1B	X	-3.632	5
8	MP1B	Z	6.291	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	-.004	5
10	MP1C	X	-14.799	5
11	MP1C	Z	25.633	5
12	MP1C	Mx	.007	5
13	MP5A	X	-66.959	.5
14	MP5A	Z	115.977	.5
15	MP5A	Mx	.033	.5
16	MP5A	X	-66.959	5.5
17	MP5A	Z	115.977	5.5
18	MP5A	Mx	.033	5.5
19	MP5B	X	-41.864	.5
20	MP5B	Z	72.511	.5
21	MP5B	Mx	-.042	.5
22	MP5B	X	-41.864	5.5
23	MP5B	Z	72.511	5.5
24	MP5B	Mx	-.042	5.5
25	MP5C	X	-66.959	.5
26	MP5C	Z	115.977	.5
27	MP5C	Mx	.033	.5
28	MP5C	X	-66.959	5.5
29	MP5C	Z	115.977	5.5
30	MP5C	Mx	.033	5.5
31	MP3A	X	-49.023	.5
32	MP3A	Z	84.91	.5
33	MP3A	Mx	.074	.5
34	MP3A	X	-49.023	5.5
35	MP3A	Z	84.91	5.5
36	MP3A	Mx	.074	5.5
37	MP3B	X	-24.589	.5
38	MP3B	Z	42.59	.5
39	MP3B	Mx	-.025	.5
40	MP3B	X	-24.589	5.5
41	MP3B	Z	42.59	5.5
42	MP3B	Mx	-.025	5.5
43	MP3C	X	-49.023	.5
44	MP3C	Z	84.91	.5
45	MP3C	Mx	-.025	.5
46	MP3C	X	-49.023	5.5
47	MP3C	Z	84.91	5.5
48	MP3C	Mx	-.025	5.5
49	MP3A	X	-49.023	.5
50	MP3A	Z	84.91	.5
51	MP3A	Mx	-.025	.5
52	MP3A	X	-49.023	5.5
53	MP3A	Z	84.91	5.5
54	MP3A	Mx	-.025	5.5
55	MP3B	X	-24.589	.5
56	MP3B	Z	42.59	.5
57	MP3B	Mx	-.025	.5
58	MP3B	X	-24.589	5.5
59	MP3B	Z	42.59	5.5
60	MP3B	Mx	-.025	5.5
61	MP3C	X	-49.023	.5
62	MP3C	Z	84.91	.5
63	MP3C	Mx	.074	.5
64	MP3C	X	-49.023	5.5
65	MP3C	Z	84.91	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3C	Mx	.074	5.5
67	MP3A	X	-29.518	2
68	MP3A	Z	51.126	2
69	MP3A	Mx	-.015	2
70	MP3B	X	-21.58	2
71	MP3B	Z	37.379	2
72	MP3B	Mx	.022	2
73	MP3C	X	-29.518	2
74	MP3C	Z	51.126	2
75	MP3C	Mx	-.015	2
76	MP4A	X	-28.532	2
77	MP4A	Z	49.419	2
78	MP4A	Mx	.025	2
79	MP4B	X	-17.638	2
80	MP4B	Z	30.55	2
81	MP4B	Mx	0	2
82	MP4C	X	-28.532	2
83	MP4C	Z	49.419	2
84	MP4C	Mx	-.025	2
85	MP1A	X	-34.005	.5
86	MP1A	Z	58.898	.5
87	MP1A	Mx	.028	.5
88	MP1A	X	-34.005	2.5
89	MP1A	Z	58.898	2.5
90	MP1A	Mx	.028	2.5
91	MP1B	X	-14.007	.5
92	MP1B	Z	24.26	.5
93	MP1B	Mx	-.023	.5
94	MP1B	X	-14.007	2.5
95	MP1B	Z	24.26	2.5
96	MP1B	Mx	-.023	2.5
97	MP1C	X	-34.005	.5
98	MP1C	Z	58.898	.5
99	MP1C	Mx	.028	.5
100	MP1C	X	-34.005	2.5
101	MP1C	Z	58.898	2.5
102	MP1C	Mx	.028	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-16.475	5.5
2	MP3B	Z	9.512	5.5
3	MP3B	Mx	.014	5.5
4	MP1A	X	-12.739	5
5	MP1A	Z	7.355	5
6	MP1A	Mx	.006	5
7	MP1B	X	-12.739	5
8	MP1B	Z	7.355	5
9	MP1B	Mx	-.006	5
10	MP1C	X	-32.081	5
11	MP1C	Z	18.522	5
12	MP1C	Mx	0	5
13	MP5A	X	-87	.5
14	MP5A	Z	50.229	.5
15	MP5A	Mx	.043	.5
16	MP5A	X	-87	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP5A	Z	50.229	5.5
18	MP5A	Mx	.043	5.5
19	MP5B	X	-87	.5
20	MP5B	Z	50.229	.5
21	MP5B	Mx	-.043	.5
22	MP5B	X	-87	5.5
23	MP5B	Z	50.229	5.5
24	MP5B	Mx	-.043	5.5
25	MP5C	X	-130.465	.5
26	MP5C	Z	75.324	.5
27	MP5C	Mx	0	.5
28	MP5C	X	-130.465	5.5
29	MP5C	Z	75.324	5.5
30	MP5C	Mx	0	5.5
31	MP3A	X	-56.697	.5
32	MP3A	Z	32.734	.5
33	MP3A	Mx	.047	.5
34	MP3A	X	-56.697	5.5
35	MP3A	Z	32.734	5.5
36	MP3A	Mx	.047	5.5
37	MP3B	X	-56.697	.5
38	MP3B	Z	32.734	.5
39	MP3B	Mx	-.009	.5
40	MP3B	X	-56.697	5.5
41	MP3B	Z	32.734	5.5
42	MP3B	Mx	-.009	5.5
43	MP3C	X	-99.017	.5
44	MP3C	Z	57.168	.5
45	MP3C	Mx	-.067	.5
46	MP3C	X	-99.017	5.5
47	MP3C	Z	57.168	5.5
48	MP3C	Mx	-.067	5.5
49	MP3A	X	-56.697	.5
50	MP3A	Z	32.734	.5
51	MP3A	Mx	.009	.5
52	MP3A	X	-56.697	5.5
53	MP3A	Z	32.734	5.5
54	MP3A	Mx	.009	5.5
55	MP3B	X	-56.697	.5
56	MP3B	Z	32.734	.5
57	MP3B	Mx	-.047	.5
58	MP3B	X	-56.697	5.5
59	MP3B	Z	32.734	5.5
60	MP3B	Mx	-.047	5.5
61	MP3C	X	-99.017	.5
62	MP3C	Z	57.168	.5
63	MP3C	Mx	.067	.5
64	MP3C	X	-99.017	5.5
65	MP3C	Z	57.168	5.5
66	MP3C	Mx	.067	5.5
67	MP3A	X	-41.961	2
68	MP3A	Z	24.226	2
69	MP3A	Mx	-.021	2
70	MP3B	X	-41.961	2
71	MP3B	Z	24.226	2
72	MP3B	Mx	.021	2
73	MP3C	X	-55.708	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	32.163	2
75	MP3C	Mx	0	2
76	MP4A	X	-36.839	2
77	MP4A	Z	21.269	2
78	MP4A	Mx	.011	2
79	MP4B	X	-36.839	2
80	MP4B	Z	21.269	2
81	MP4B	Mx	.011	2
82	MP4C	X	-55.708	2
83	MP4C	Z	32.163	2
84	MP4C	Mx	-.032	2
85	MP1A	X	-35.806	.5
86	MP1A	Z	20.673	.5
87	MP1A	Mx	.03	.5
88	MP1A	X	-35.806	2.5
89	MP1A	Z	20.673	2.5
90	MP1A	Mx	.03	2.5
91	MP1B	X	-35.806	.5
92	MP1B	Z	20.673	.5
93	MP1B	Mx	-.03	.5
94	MP1B	X	-35.806	2.5
95	MP1B	Z	20.673	2.5
96	MP1B	Mx	-.03	2.5
97	MP1C	X	-70.444	.5
98	MP1C	Z	40.671	.5
99	MP1C	Mx	0	.5
100	MP1C	X	-70.444	2.5
101	MP1C	Z	40.671	2.5
102	MP1C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-32.902	5.5
2	MP3B	Z	0	5.5
3	MP3B	Mx	.014	5.5
4	MP1A	X	-7.264	5
5	MP1A	Z	0	5
6	MP1A	Mx	.004	5
7	MP1B	X	-29.599	5
8	MP1B	Z	0	5
9	MP1B	Mx	-.007	5
10	MP1C	X	-29.599	5
11	MP1C	Z	0	5
12	MP1C	Mx	-.007	5
13	MP5A	X	-83.728	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	.042	.5
16	MP5A	X	-83.728	5.5
17	MP5A	Z	0	5.5
18	MP5A	Mx	.042	5.5
19	MP5B	X	-133.918	.5
20	MP5B	Z	0	.5
21	MP5B	Mx	-.033	.5
22	MP5B	X	-133.918	5.5
23	MP5B	Z	0	5.5
24	MP5B	Mx	-.033	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP5C	X	-133.918	.5
26	MP5C	Z	0	.5
27	MP5C	Mx	-.033	.5
28	MP5C	X	-133.918	5.5
29	MP5C	Z	0	5.5
30	MP5C	Mx	-.033	5.5
31	MP3A	X	-49.179	.5
32	MP3A	Z	0	.5
33	MP3A	Mx	.025	.5
34	MP3A	X	-49.179	5.5
35	MP3A	Z	0	5.5
36	MP3A	Mx	.025	5.5
37	MP3B	X	-98.046	.5
38	MP3B	Z	0	.5
39	MP3B	Mx	.025	.5
40	MP3B	X	-98.046	5.5
41	MP3B	Z	0	5.5
42	MP3B	Mx	.025	5.5
43	MP3C	X	-98.046	.5
44	MP3C	Z	0	.5
45	MP3C	Mx	-.074	.5
46	MP3C	X	-98.046	5.5
47	MP3C	Z	0	5.5
48	MP3C	Mx	-.074	5.5
49	MP3A	X	-49.179	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	.025	.5
52	MP3A	X	-49.179	5.5
53	MP3A	Z	0	5.5
54	MP3A	Mx	.025	5.5
55	MP3B	X	-98.046	.5
56	MP3B	Z	0	.5
57	MP3B	Mx	-.074	.5
58	MP3B	X	-98.046	5.5
59	MP3B	Z	0	5.5
60	MP3B	Mx	-.074	5.5
61	MP3C	X	-98.046	.5
62	MP3C	Z	0	.5
63	MP3C	Mx	.025	.5
64	MP3C	X	-98.046	5.5
65	MP3C	Z	0	5.5
66	MP3C	Mx	.025	5.5
67	MP3A	X	-43.161	2
68	MP3A	Z	0	2
69	MP3A	Mx	-.022	2
70	MP3B	X	-59.035	2
71	MP3B	Z	0	2
72	MP3B	Mx	.015	2
73	MP3C	X	-59.035	2
74	MP3C	Z	0	2
75	MP3C	Mx	.015	2
76	MP4A	X	-35.276	2
77	MP4A	Z	0	2
78	MP4A	Mx	0	2
79	MP4B	X	-57.064	2
80	MP4B	Z	0	2
81	MP4B	Mx	.025	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	-57.064	2
83	MP4C	Z	0	2
84	MP4C	Mx	-.025	2
85	MP1A	X	-28.013	.5
86	MP1A	Z	0	.5
87	MP1A	Mx	.023	.5
88	MP1A	X	-28.013	2.5
89	MP1A	Z	0	2.5
90	MP1A	Mx	.023	2.5
91	MP1B	X	-68.01	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	-.028	.5
94	MP1B	X	-68.01	2.5
95	MP1B	Z	0	2.5
96	MP1B	Mx	-.028	2.5
97	MP1C	X	-68.01	.5
98	MP1C	Z	0	.5
99	MP1C	Mx	-.028	.5
100	MP1C	X	-68.01	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	-.028	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-34.503	5.5
2	MP3B	Z	-19.92	5.5
3	MP3B	Mx	0	5.5
4	MP1A	X	-12.739	5
5	MP1A	Z	-7.355	5
6	MP1A	Mx	.006	5
7	MP1B	X	-32.081	5
8	MP1B	Z	-18.522	5
9	MP1B	Mx	0	5
10	MP1C	X	-12.739	5
11	MP1C	Z	-7.355	5
12	MP1C	Mx	-.006	5
13	MP5A	X	-87	.5
14	MP5A	Z	-50.229	.5
15	MP5A	Mx	.043	.5
16	MP5A	X	-87	5.5
17	MP5A	Z	-50.229	5.5
18	MP5A	Mx	.043	5.5
19	MP5B	X	-130.465	.5
20	MP5B	Z	-75.324	.5
21	MP5B	Mx	0	.5
22	MP5B	X	-130.465	5.5
23	MP5B	Z	-75.324	5.5
24	MP5B	Mx	0	5.5
25	MP5C	X	-87	.5
26	MP5C	Z	-50.229	.5
27	MP5C	Mx	-.043	.5
28	MP5C	X	-87	5.5
29	MP5C	Z	-50.229	5.5
30	MP5C	Mx	-.043	5.5
31	MP3A	X	-56.697	.5
32	MP3A	Z	-32.734	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3A	Mx	.009	.5
34	MP3A	X	-56.697	5.5
35	MP3A	Z	-32.734	5.5
36	MP3A	Mx	.009	5.5
37	MP3B	X	-99.017	.5
38	MP3B	Z	-57.168	.5
39	MP3B	Mx	.067	.5
40	MP3B	X	-99.017	5.5
41	MP3B	Z	-57.168	5.5
42	MP3B	Mx	.067	5.5
43	MP3C	X	-56.697	.5
44	MP3C	Z	-32.734	.5
45	MP3C	Mx	-.047	.5
46	MP3C	X	-56.697	5.5
47	MP3C	Z	-32.734	5.5
48	MP3C	Mx	-.047	5.5
49	MP3A	X	-56.697	.5
50	MP3A	Z	-32.734	.5
51	MP3A	Mx	.047	.5
52	MP3A	X	-56.697	5.5
53	MP3A	Z	-32.734	5.5
54	MP3A	Mx	.047	5.5
55	MP3B	X	-99.017	.5
56	MP3B	Z	-57.168	.5
57	MP3B	Mx	-.067	.5
58	MP3B	X	-99.017	5.5
59	MP3B	Z	-57.168	5.5
60	MP3B	Mx	-.067	5.5
61	MP3C	X	-56.697	.5
62	MP3C	Z	-32.734	.5
63	MP3C	Mx	-.009	.5
64	MP3C	X	-56.697	5.5
65	MP3C	Z	-32.734	5.5
66	MP3C	Mx	-.009	5.5
67	MP3A	X	-41.961	2
68	MP3A	Z	-24.226	2
69	MP3A	Mx	-.021	2
70	MP3B	X	-55.708	2
71	MP3B	Z	-32.163	2
72	MP3B	Mx	0	2
73	MP3C	X	-41.961	2
74	MP3C	Z	-24.226	2
75	MP3C	Mx	.021	2
76	MP4A	X	-36.839	2
77	MP4A	Z	-21.269	2
78	MP4A	Mx	-.011	2
79	MP4B	X	-55.708	2
80	MP4B	Z	-32.163	2
81	MP4B	Mx	.032	2
82	MP4C	X	-36.839	2
83	MP4C	Z	-21.269	2
84	MP4C	Mx	-.011	2
85	MP1A	X	-35.806	.5
86	MP1A	Z	-20.673	.5
87	MP1A	Mx	.03	.5
88	MP1A	X	-35.806	2.5
89	MP1A	Z	-20.673	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1A	Mx	.03	2.5
91	MP1B	X	-70.444	.5
92	MP1B	Z	-40.671	.5
93	MP1B	Mx	0	.5
94	MP1B	X	-70.444	2.5
95	MP1B	Z	-40.671	2.5
96	MP1B	Mx	0	2.5
97	MP1C	X	-35.806	.5
98	MP1C	Z	-20.673	.5
99	MP1C	Mx	-.03	.5
100	MP1C	X	-35.806	2.5
101	MP1C	Z	-20.673	2.5
102	MP1C	Mx	-.03	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-16.451	5.5
2	MP3B	Z	-28.494	5.5
3	MP3B	Mx	-.014	5.5
4	MP1A	X	-14.799	5
5	MP1A	Z	-25.633	5
6	MP1A	Mx	.007	5
7	MP1B	X	-14.799	5
8	MP1B	Z	-25.633	5
9	MP1B	Mx	.007	5
10	MP1C	X	-3.632	5
11	MP1C	Z	-6.291	5
12	MP1C	Mx	-.004	5
13	MP5A	X	-66.959	.5
14	MP5A	Z	-115.977	.5
15	MP5A	Mx	.033	.5
16	MP5A	X	-66.959	5.5
17	MP5A	Z	-115.977	5.5
18	MP5A	Mx	.033	5.5
19	MP5B	X	-66.959	.5
20	MP5B	Z	-115.977	.5
21	MP5B	Mx	.033	.5
22	MP5B	X	-66.959	5.5
23	MP5B	Z	-115.977	5.5
24	MP5B	Mx	.033	5.5
25	MP5C	X	-41.864	.5
26	MP5C	Z	-72.511	.5
27	MP5C	Mx	-.042	.5
28	MP5C	X	-41.864	5.5
29	MP5C	Z	-72.511	5.5
30	MP5C	Mx	-.042	5.5
31	MP3A	X	-49.023	.5
32	MP3A	Z	-84.91	.5
33	MP3A	Mx	-.025	.5
34	MP3A	X	-49.023	5.5
35	MP3A	Z	-84.91	5.5
36	MP3A	Mx	-.025	5.5
37	MP3B	X	-49.023	.5
38	MP3B	Z	-84.91	.5
39	MP3B	Mx	.074	.5
40	MP3B	X	-49.023	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	-84.91	5.5
42	MP3B	Mx	.074	5.5
43	MP3C	X	-24.589	.5
44	MP3C	Z	-42.59	.5
45	MP3C	Mx	-.025	.5
46	MP3C	X	-24.589	5.5
47	MP3C	Z	-42.59	5.5
48	MP3C	Mx	-.025	5.5
49	MP3A	X	-49.023	.5
50	MP3A	Z	-84.91	.5
51	MP3A	Mx	.074	.5
52	MP3A	X	-49.023	5.5
53	MP3A	Z	-84.91	5.5
54	MP3A	Mx	.074	5.5
55	MP3B	X	-49.023	.5
56	MP3B	Z	-84.91	.5
57	MP3B	Mx	-.025	.5
58	MP3B	X	-49.023	5.5
59	MP3B	Z	-84.91	5.5
60	MP3B	Mx	-.025	5.5
61	MP3C	X	-24.589	.5
62	MP3C	Z	-42.59	.5
63	MP3C	Mx	-.025	.5
64	MP3C	X	-24.589	5.5
65	MP3C	Z	-42.59	5.5
66	MP3C	Mx	-.025	5.5
67	MP3A	X	-29.518	2
68	MP3A	Z	-51.126	2
69	MP3A	Mx	-.015	2
70	MP3B	X	-29.518	2
71	MP3B	Z	-51.126	2
72	MP3B	Mx	-.015	2
73	MP3C	X	-21.58	2
74	MP3C	Z	-37.379	2
75	MP3C	Mx	.022	2
76	MP4A	X	-28.532	2
77	MP4A	Z	-49.419	2
78	MP4A	Mx	-.025	2
79	MP4B	X	-28.532	2
80	MP4B	Z	-49.419	2
81	MP4B	Mx	.025	2
82	MP4C	X	-17.638	2
83	MP4C	Z	-30.55	2
84	MP4C	Mx	0	2
85	MP1A	X	-34.005	.5
86	MP1A	Z	-58.898	.5
87	MP1A	Mx	.028	.5
88	MP1A	X	-34.005	2.5
89	MP1A	Z	-58.898	2.5
90	MP1A	Mx	.028	2.5
91	MP1B	X	-34.005	.5
92	MP1B	Z	-58.898	.5
93	MP1B	Mx	.028	.5
94	MP1B	X	-34.005	2.5
95	MP1B	Z	-58.898	2.5
96	MP1B	Mx	.028	2.5
97	MP1C	X	-14.007	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1C	Z	-24.26	.5
99	MP1C	Mx	-.023	.5
100	MP1C	X	-14.007	2.5
101	MP1C	Z	-24.26	2.5
102	MP1C	Mx	-.023	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	5.5
2	MP3B	Z	-5.79	5.5
3	MP3B	Mx	-.004	5.5
4	MP1A	X	0	5
5	MP1A	Z	-9.759	5
6	MP1A	Mx	0	5
7	MP1B	X	0	5
8	MP1B	Z	-4.933	5
9	MP1B	Mx	.002	5
10	MP1C	X	0	5
11	MP1C	Z	-4.933	5
12	MP1C	Mx	-.002	5
13	MP5A	X	0	.5
14	MP5A	Z	-31.627	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	5.5
17	MP5A	Z	-31.627	5.5
18	MP5A	Mx	0	5.5
19	MP5B	X	0	.5
20	MP5B	Z	-22.384	.5
21	MP5B	Mx	.01	.5
22	MP5B	X	0	5.5
23	MP5B	Z	-22.384	5.5
24	MP5B	Mx	.01	5.5
25	MP5C	X	0	.5
26	MP5C	Z	-22.384	.5
27	MP5C	Mx	-.01	.5
28	MP5C	X	0	5.5
29	MP5C	Z	-22.384	5.5
30	MP5C	Mx	-.01	5.5
31	MP3A	X	0	.5
32	MP3A	Z	-35.222	.5
33	MP3A	Mx	-.021	.5
34	MP3A	X	0	5.5
35	MP3A	Z	-35.222	5.5
36	MP3A	Mx	-.021	5.5
37	MP3B	X	0	.5
38	MP3B	Z	-27.384	.5
39	MP3B	Mx	.02	.5
40	MP3B	X	0	5.5
41	MP3B	Z	-27.384	5.5
42	MP3B	Mx	.02	5.5
43	MP3C	X	0	.5
44	MP3C	Z	-27.384	.5
45	MP3C	Mx	-.004	.5
46	MP3C	X	0	5.5
47	MP3C	Z	-27.384	5.5
48	MP3C	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	0	.5
50	MP3A	Z	-35.222	.5
51	MP3A	Mx	.021	.5
52	MP3A	X	0	5.5
53	MP3A	Z	-35.222	5.5
54	MP3A	Mx	.021	5.5
55	MP3B	X	0	.5
56	MP3B	Z	-27.384	.5
57	MP3B	Mx	.004	.5
58	MP3B	X	0	5.5
59	MP3B	Z	-27.384	5.5
60	MP3B	Mx	.004	5.5
61	MP3C	X	0	.5
62	MP3C	Z	-27.384	.5
63	MP3C	Mx	-.02	.5
64	MP3C	X	0	5.5
65	MP3C	Z	-27.384	5.5
66	MP3C	Mx	-.02	5.5
67	MP3A	X	0	2
68	MP3A	Z	-18.185	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	-14.22	2
72	MP3B	Mx	-.006	2
73	MP3C	X	0	2
74	MP3C	Z	-14.22	2
75	MP3C	Mx	.006	2
76	MP4A	X	0	2
77	MP4A	Z	-18.185	2
78	MP4A	Mx	-.009	2
79	MP4B	X	0	2
80	MP4B	Z	-12.713	2
81	MP4B	Mx	.003	2
82	MP4C	X	0	2
83	MP4C	Z	-12.713	2
84	MP4C	Mx	.003	2
85	MP1A	X	0	.5
86	MP1A	Z	-20.986	.5
87	MP1A	Mx	0	.5
88	MP1A	X	0	2.5
89	MP1A	Z	-20.986	2.5
90	MP1A	Mx	0	2.5
91	MP1B	X	0	.5
92	MP1B	Z	-12.24	.5
93	MP1B	Mx	.009	.5
94	MP1B	X	0	2.5
95	MP1B	Z	-12.24	2.5
96	MP1B	Mx	.009	2.5
97	MP1C	X	0	.5
98	MP1C	Z	-12.24	.5
99	MP1C	Mx	-.009	.5
100	MP1C	X	0	2.5
101	MP1C	Z	-12.24	2.5
102	MP1C	Mx	-.009	2.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	2.14	5.5
2	MP3B	Z	-3.707	5.5
3	MP3B	Mx	-.004	5.5
4	MP1A	X	4.075	5
5	MP1A	Z	-7.058	5
6	MP1A	Mx	-.002	5
7	MP1B	X	1.662	5
8	MP1B	Z	-2.879	5
9	MP1B	Mx	.002	5
10	MP1C	X	4.075	5
11	MP1C	Z	-7.058	5
12	MP1C	Mx	-.002	5
13	MP5A	X	14.273	.5
14	MP5A	Z	-24.721	.5
15	MP5A	Mx	-.007	.5
16	MP5A	X	14.273	5.5
17	MP5A	Z	-24.721	5.5
18	MP5A	Mx	-.007	5.5
19	MP5B	X	9.651	.5
20	MP5B	Z	-16.717	.5
21	MP5B	Mx	.01	.5
22	MP5B	X	9.651	5.5
23	MP5B	Z	-16.717	5.5
24	MP5B	Mx	.01	5.5
25	MP5C	X	14.273	.5
26	MP5C	Z	-24.721	.5
27	MP5C	Mx	-.007	.5
28	MP5C	X	14.273	5.5
29	MP5C	Z	-24.721	5.5
30	MP5C	Mx	-.007	5.5
31	MP3A	X	16.305	.5
32	MP3A	Z	-28.241	.5
33	MP3A	Mx	-.025	.5
34	MP3A	X	16.305	5.5
35	MP3A	Z	-28.241	5.5
36	MP3A	Mx	-.025	5.5
37	MP3B	X	12.386	.5
38	MP3B	Z	-21.453	.5
39	MP3B	Mx	.012	.5
40	MP3B	X	12.386	5.5
41	MP3B	Z	-21.453	5.5
42	MP3B	Mx	.012	5.5
43	MP3C	X	16.305	.5
44	MP3C	Z	-28.241	.5
45	MP3C	Mx	.008	.5
46	MP3C	X	16.305	5.5
47	MP3C	Z	-28.241	5.5
48	MP3C	Mx	.008	5.5
49	MP3A	X	16.305	.5
50	MP3A	Z	-28.241	.5
51	MP3A	Mx	.008	.5
52	MP3A	X	16.305	5.5
53	MP3A	Z	-28.241	5.5
54	MP3A	Mx	.008	5.5
55	MP3B	X	12.386	.5
56	MP3B	Z	-21.453	.5
57	MP3B	Mx	.012	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	12.386	5.5
59	MP3B	Z	-21.453	5.5
60	MP3B	Mx	.012	5.5
61	MP3C	X	16.305	.5
62	MP3C	Z	-28.241	.5
63	MP3C	Mx	-.025	.5
64	MP3C	X	16.305	5.5
65	MP3C	Z	-28.241	5.5
66	MP3C	Mx	-.025	5.5
67	MP3A	X	8.432	2
68	MP3A	Z	-14.604	2
69	MP3A	Mx	.004	2
70	MP3B	X	6.449	2
71	MP3B	Z	-11.17	2
72	MP3B	Mx	-.006	2
73	MP3C	X	8.432	2
74	MP3C	Z	-14.604	2
75	MP3C	Mx	.004	2
76	MP4A	X	8.18	2
77	MP4A	Z	-14.169	2
78	MP4A	Mx	-.007	2
79	MP4B	X	5.445	2
80	MP4B	Z	-9.431	2
81	MP4B	Mx	0	2
82	MP4C	X	8.18	2
83	MP4C	Z	-14.169	2
84	MP4C	Mx	.007	2
85	MP1A	X	9.035	.5
86	MP1A	Z	-15.65	.5
87	MP1A	Mx	-.008	.5
88	MP1A	X	9.035	2.5
89	MP1A	Z	-15.65	2.5
90	MP1A	Mx	-.008	2.5
91	MP1B	X	4.663	.5
92	MP1B	Z	-8.076	.5
93	MP1B	Mx	.008	.5
94	MP1B	X	4.663	2.5
95	MP1B	Z	-8.076	2.5
96	MP1B	Mx	.008	2.5
97	MP1C	X	9.035	.5
98	MP1C	Z	-15.65	.5
99	MP1C	Mx	-.008	.5
100	MP1C	X	9.035	2.5
101	MP1C	Z	-15.65	2.5
102	MP1C	Mx	-.008	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	5.014	5.5
2	MP3B	Z	-2.895	5.5
3	MP3B	Mx	-.004	5.5
4	MP1A	X	4.272	5
5	MP1A	Z	-2.466	5
6	MP1A	Mx	-.002	5
7	MP1B	X	4.272	5
8	MP1B	Z	-2.466	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	.002	5
10	MP1C	X	8.451	5
11	MP1C	Z	-4.879	5
12	MP1C	Mx	0	5
13	MP5A	X	19.385	.5
14	MP5A	Z	-11.192	.5
15	MP5A	Mx	-.01	.5
16	MP5A	X	19.385	5.5
17	MP5A	Z	-11.192	5.5
18	MP5A	Mx	-.01	5.5
19	MP5B	X	19.385	.5
20	MP5B	Z	-11.192	.5
21	MP5B	Mx	.01	.5
22	MP5B	X	19.385	5.5
23	MP5B	Z	-11.192	5.5
24	MP5B	Mx	.01	5.5
25	MP5C	X	27.39	.5
26	MP5C	Z	-15.813	.5
27	MP5C	Mx	0	.5
28	MP5C	X	27.39	5.5
29	MP5C	Z	-15.813	5.5
30	MP5C	Mx	0	5.5
31	MP3A	X	23.715	.5
32	MP3A	Z	-13.692	.5
33	MP3A	Mx	-.02	.5
34	MP3A	X	23.715	5.5
35	MP3A	Z	-13.692	5.5
36	MP3A	Mx	-.02	5.5
37	MP3B	X	23.715	.5
38	MP3B	Z	-13.692	.5
39	MP3B	Mx	.004	.5
40	MP3B	X	23.715	5.5
41	MP3B	Z	-13.692	5.5
42	MP3B	Mx	.004	5.5
43	MP3C	X	30.503	.5
44	MP3C	Z	-17.611	.5
45	MP3C	Mx	.021	.5
46	MP3C	X	30.503	5.5
47	MP3C	Z	-17.611	5.5
48	MP3C	Mx	.021	5.5
49	MP3A	X	23.715	.5
50	MP3A	Z	-13.692	.5
51	MP3A	Mx	-.004	.5
52	MP3A	X	23.715	5.5
53	MP3A	Z	-13.692	5.5
54	MP3A	Mx	-.004	5.5
55	MP3B	X	23.715	.5
56	MP3B	Z	-13.692	.5
57	MP3B	Mx	.02	.5
58	MP3B	X	23.715	5.5
59	MP3B	Z	-13.692	5.5
60	MP3B	Mx	.02	5.5
61	MP3C	X	30.503	.5
62	MP3C	Z	-17.611	.5
63	MP3C	Mx	-.021	.5
64	MP3C	X	30.503	5.5
65	MP3C	Z	-17.611	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3C	Mx	-.021	5.5
67	MP3A	X	12.315	2
68	MP3A	Z	-7.11	2
69	MP3A	Mx	.006	2
70	MP3B	X	12.315	2
71	MP3B	Z	-7.11	2
72	MP3B	Mx	-.006	2
73	MP3C	X	15.748	2
74	MP3C	Z	-9.092	2
75	MP3C	Mx	0	2
76	MP4A	X	11.01	2
77	MP4A	Z	-6.357	2
78	MP4A	Mx	-.003	2
79	MP4B	X	11.01	2
80	MP4B	Z	-6.357	2
81	MP4B	Mx	-.003	2
82	MP4C	X	15.748	2
83	MP4C	Z	-9.092	2
84	MP4C	Mx	.009	2
85	MP1A	X	10.6	.5
86	MP1A	Z	-6.12	.5
87	MP1A	Mx	-.009	.5
88	MP1A	X	10.6	2.5
89	MP1A	Z	-6.12	2.5
90	MP1A	Mx	-.009	2.5
91	MP1B	X	10.6	.5
92	MP1B	Z	-6.12	.5
93	MP1B	Mx	.009	.5
94	MP1B	X	10.6	2.5
95	MP1B	Z	-6.12	2.5
96	MP1B	Mx	.009	2.5
97	MP1C	X	18.174	.5
98	MP1C	Z	-10.493	.5
99	MP1C	Mx	0	.5
100	MP1C	X	18.174	2.5
101	MP1C	Z	-10.493	2.5
102	MP1C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	8.809	5.5
2	MP3B	Z	0	5.5
3	MP3B	Mx	-.004	5.5
4	MP1A	X	3.324	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.002	5
7	MP1B	X	8.15	5
8	MP1B	Z	0	5
9	MP1B	Mx	.002	5
10	MP1C	X	8.15	5
11	MP1C	Z	0	5
12	MP1C	Mx	.002	5
13	MP5A	X	19.303	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	-.01	.5
16	MP5A	X	19.303	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP5A	Z	0	5.5
18	MP5A	Mx	-.01	5.5
19	MP5B	X	28.546	.5
20	MP5B	Z	0	.5
21	MP5B	Mx	.007	.5
22	MP5B	X	28.546	5.5
23	MP5B	Z	0	5.5
24	MP5B	Mx	.007	5.5
25	MP5C	X	28.546	.5
26	MP5C	Z	0	.5
27	MP5C	Mx	.007	.5
28	MP5C	X	28.546	5.5
29	MP5C	Z	0	5.5
30	MP5C	Mx	.007	5.5
31	MP3A	X	24.772	.5
32	MP3A	Z	0	.5
33	MP3A	Mx	-.012	.5
34	MP3A	X	24.772	5.5
35	MP3A	Z	0	5.5
36	MP3A	Mx	-.012	5.5
37	MP3B	X	32.609	.5
38	MP3B	Z	0	.5
39	MP3B	Mx	-.008	.5
40	MP3B	X	32.609	5.5
41	MP3B	Z	0	5.5
42	MP3B	Mx	-.008	5.5
43	MP3C	X	32.609	.5
44	MP3C	Z	0	.5
45	MP3C	Mx	.025	.5
46	MP3C	X	32.609	5.5
47	MP3C	Z	0	5.5
48	MP3C	Mx	.025	5.5
49	MP3A	X	24.772	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	-.012	.5
52	MP3A	X	24.772	5.5
53	MP3A	Z	0	5.5
54	MP3A	Mx	-.012	5.5
55	MP3B	X	32.609	.5
56	MP3B	Z	0	.5
57	MP3B	Mx	.025	.5
58	MP3B	X	32.609	5.5
59	MP3B	Z	0	5.5
60	MP3B	Mx	.025	5.5
61	MP3C	X	32.609	.5
62	MP3C	Z	0	.5
63	MP3C	Mx	-.008	.5
64	MP3C	X	32.609	5.5
65	MP3C	Z	0	5.5
66	MP3C	Mx	-.008	5.5
67	MP3A	X	12.898	2
68	MP3A	Z	0	2
69	MP3A	Mx	.006	2
70	MP3B	X	16.863	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.004	2
73	MP3C	X	16.863	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	0	2
75	MP3C	Mx	-.004	2
76	MP4A	X	10.889	2
77	MP4A	Z	0	2
78	MP4A	Mx	0	2
79	MP4B	X	16.361	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.007	2
82	MP4C	X	16.361	2
83	MP4C	Z	0	2
84	MP4C	Mx	.007	2
85	MP1A	X	9.325	.5
86	MP1A	Z	0	.5
87	MP1A	Mx	-.008	.5
88	MP1A	X	9.325	2.5
89	MP1A	Z	0	2.5
90	MP1A	Mx	-.008	2.5
91	MP1B	X	18.071	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	.008	.5
94	MP1B	X	18.071	2.5
95	MP1B	Z	0	2.5
96	MP1B	Mx	.008	2.5
97	MP1C	X	18.071	.5
98	MP1C	Z	0	.5
99	MP1C	Mx	.008	.5
100	MP1C	X	18.071	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	.008	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	8.936	5.5
2	MP3B	Z	5.159	5.5
3	MP3B	Mx	0	5.5
4	MP1A	X	4.272	5
5	MP1A	Z	2.466	5
6	MP1A	Mx	-.002	5
7	MP1B	X	8.451	5
8	MP1B	Z	4.879	5
9	MP1B	Mx	0	5
10	MP1C	X	4.272	5
11	MP1C	Z	2.466	5
12	MP1C	Mx	.002	5
13	MP5A	X	19.385	.5
14	MP5A	Z	11.192	.5
15	MP5A	Mx	-.01	.5
16	MP5A	X	19.385	5.5
17	MP5A	Z	11.192	5.5
18	MP5A	Mx	-.01	5.5
19	MP5B	X	27.39	.5
20	MP5B	Z	15.813	.5
21	MP5B	Mx	0	.5
22	MP5B	X	27.39	5.5
23	MP5B	Z	15.813	5.5
24	MP5B	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP5C	X	19.385	.5
26	MP5C	Z	11.192	.5
27	MP5C	Mx	.01	.5
28	MP5C	X	19.385	5.5
29	MP5C	Z	11.192	5.5
30	MP5C	Mx	.01	5.5
31	MP3A	X	23.715	.5
32	MP3A	Z	13.692	.5
33	MP3A	Mx	-.004	.5
34	MP3A	X	23.715	5.5
35	MP3A	Z	13.692	5.5
36	MP3A	Mx	-.004	5.5
37	MP3B	X	30.503	.5
38	MP3B	Z	17.611	.5
39	MP3B	Mx	-.021	.5
40	MP3B	X	30.503	5.5
41	MP3B	Z	17.611	5.5
42	MP3B	Mx	-.021	5.5
43	MP3C	X	23.715	.5
44	MP3C	Z	13.692	.5
45	MP3C	Mx	.02	.5
46	MP3C	X	23.715	5.5
47	MP3C	Z	13.692	5.5
48	MP3C	Mx	.02	5.5
49	MP3A	X	23.715	.5
50	MP3A	Z	13.692	.5
51	MP3A	Mx	-.02	.5
52	MP3A	X	23.715	5.5
53	MP3A	Z	13.692	5.5
54	MP3A	Mx	-.02	5.5
55	MP3B	X	30.503	.5
56	MP3B	Z	17.611	.5
57	MP3B	Mx	.021	.5
58	MP3B	X	30.503	5.5
59	MP3B	Z	17.611	5.5
60	MP3B	Mx	.021	5.5
61	MP3C	X	23.715	.5
62	MP3C	Z	13.692	.5
63	MP3C	Mx	.004	.5
64	MP3C	X	23.715	5.5
65	MP3C	Z	13.692	5.5
66	MP3C	Mx	.004	5.5
67	MP3A	X	12.315	2
68	MP3A	Z	7.11	2
69	MP3A	Mx	.006	2
70	MP3B	X	15.748	2
71	MP3B	Z	9.092	2
72	MP3B	Mx	0	2
73	MP3C	X	12.315	2
74	MP3C	Z	7.11	2
75	MP3C	Mx	-.006	2
76	MP4A	X	11.01	2
77	MP4A	Z	6.357	2
78	MP4A	Mx	.003	2
79	MP4B	X	15.748	2
80	MP4B	Z	9.092	2
81	MP4B	Mx	-.009	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	11.01	2
83	MP4C	Z	6.357	2
84	MP4C	Mx	.003	2
85	MP1A	X	10.6	.5
86	MP1A	Z	6.12	.5
87	MP1A	Mx	-.009	.5
88	MP1A	X	10.6	2.5
89	MP1A	Z	6.12	2.5
90	MP1A	Mx	-.009	2.5
91	MP1B	X	18.174	.5
92	MP1B	Z	10.493	.5
93	MP1B	Mx	0	.5
94	MP1B	X	18.174	2.5
95	MP1B	Z	10.493	2.5
96	MP1B	Mx	0	2.5
97	MP1C	X	10.6	.5
98	MP1C	Z	6.12	.5
99	MP1C	Mx	.009	.5
100	MP1C	X	10.6	2.5
101	MP1C	Z	6.12	2.5
102	MP1C	Mx	.009	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	4.404	5.5
2	MP3B	Z	7.629	5.5
3	MP3B	Mx	.004	5.5
4	MP1A	X	4.075	5
5	MP1A	Z	7.058	5
6	MP1A	Mx	-.002	5
7	MP1B	X	4.075	5
8	MP1B	Z	7.058	5
9	MP1B	Mx	-.002	5
10	MP1C	X	1.662	5
11	MP1C	Z	2.879	5
12	MP1C	Mx	.002	5
13	MP5A	X	14.273	.5
14	MP5A	Z	24.721	.5
15	MP5A	Mx	-.007	.5
16	MP5A	X	14.273	5.5
17	MP5A	Z	24.721	5.5
18	MP5A	Mx	-.007	5.5
19	MP5B	X	14.273	.5
20	MP5B	Z	24.721	.5
21	MP5B	Mx	-.007	.5
22	MP5B	X	14.273	5.5
23	MP5B	Z	24.721	5.5
24	MP5B	Mx	-.007	5.5
25	MP5C	X	9.651	.5
26	MP5C	Z	16.717	.5
27	MP5C	Mx	.01	.5
28	MP5C	X	9.651	5.5
29	MP5C	Z	16.717	5.5
30	MP5C	Mx	.01	5.5
31	MP3A	X	16.305	.5
32	MP3A	Z	28.241	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3A	Mx	.008	.5
34	MP3A	X	16.305	5.5
35	MP3A	Z	28.241	5.5
36	MP3A	Mx	.008	5.5
37	MP3B	X	16.305	.5
38	MP3B	Z	28.241	.5
39	MP3B	Mx	-.025	.5
40	MP3B	X	16.305	5.5
41	MP3B	Z	28.241	5.5
42	MP3B	Mx	-.025	5.5
43	MP3C	X	12.386	.5
44	MP3C	Z	21.453	.5
45	MP3C	Mx	.012	.5
46	MP3C	X	12.386	5.5
47	MP3C	Z	21.453	5.5
48	MP3C	Mx	.012	5.5
49	MP3A	X	16.305	.5
50	MP3A	Z	28.241	.5
51	MP3A	Mx	-.025	.5
52	MP3A	X	16.305	5.5
53	MP3A	Z	28.241	5.5
54	MP3A	Mx	-.025	5.5
55	MP3B	X	16.305	.5
56	MP3B	Z	28.241	.5
57	MP3B	Mx	.008	.5
58	MP3B	X	16.305	5.5
59	MP3B	Z	28.241	5.5
60	MP3B	Mx	.008	5.5
61	MP3C	X	12.386	.5
62	MP3C	Z	21.453	.5
63	MP3C	Mx	.012	.5
64	MP3C	X	12.386	5.5
65	MP3C	Z	21.453	5.5
66	MP3C	Mx	.012	5.5
67	MP3A	X	8.432	2
68	MP3A	Z	14.604	2
69	MP3A	Mx	.004	2
70	MP3B	X	8.432	2
71	MP3B	Z	14.604	2
72	MP3B	Mx	.004	2
73	MP3C	X	6.449	2
74	MP3C	Z	11.17	2
75	MP3C	Mx	-.006	2
76	MP4A	X	8.18	2
77	MP4A	Z	14.169	2
78	MP4A	Mx	.007	2
79	MP4B	X	8.18	2
80	MP4B	Z	14.169	2
81	MP4B	Mx	-.007	2
82	MP4C	X	5.445	2
83	MP4C	Z	9.431	2
84	MP4C	Mx	0	2
85	MP1A	X	9.035	.5
86	MP1A	Z	15.65	.5
87	MP1A	Mx	-.008	.5
88	MP1A	X	9.035	2.5
89	MP1A	Z	15.65	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1A	Mx	-.008	2.5
91	MP1B	X	9.035	.5
92	MP1B	Z	15.65	.5
93	MP1B	Mx	-.008	.5
94	MP1B	X	9.035	2.5
95	MP1B	Z	15.65	2.5
96	MP1B	Mx	-.008	2.5
97	MP1C	X	4.663	.5
98	MP1C	Z	8.076	.5
99	MP1C	Mx	.008	.5
100	MP1C	X	4.663	2.5
101	MP1C	Z	8.076	2.5
102	MP1C	Mx	.008	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	5.5
2	MP3B	Z	5.79	5.5
3	MP3B	Mx	.004	5.5
4	MP1A	X	0	5
5	MP1A	Z	9.759	5
6	MP1A	Mx	0	5
7	MP1B	X	0	5
8	MP1B	Z	4.933	5
9	MP1B	Mx	-.002	5
10	MP1C	X	0	5
11	MP1C	Z	4.933	5
12	MP1C	Mx	.002	5
13	MP5A	X	0	.5
14	MP5A	Z	31.627	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	5.5
17	MP5A	Z	31.627	5.5
18	MP5A	Mx	0	5.5
19	MP5B	X	0	.5
20	MP5B	Z	22.384	.5
21	MP5B	Mx	-.01	.5
22	MP5B	X	0	5.5
23	MP5B	Z	22.384	5.5
24	MP5B	Mx	-.01	5.5
25	MP5C	X	0	.5
26	MP5C	Z	22.384	.5
27	MP5C	Mx	.01	.5
28	MP5C	X	0	5.5
29	MP5C	Z	22.384	5.5
30	MP5C	Mx	.01	5.5
31	MP3A	X	0	.5
32	MP3A	Z	35.222	.5
33	MP3A	Mx	.021	.5
34	MP3A	X	0	5.5
35	MP3A	Z	35.222	5.5
36	MP3A	Mx	.021	5.5
37	MP3B	X	0	.5
38	MP3B	Z	27.384	.5
39	MP3B	Mx	-.02	.5
40	MP3B	X	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	27.384	5.5
42	MP3B	Mx	-.02	5.5
43	MP3C	X	0	.5
44	MP3C	Z	27.384	.5
45	MP3C	Mx	.004	.5
46	MP3C	X	0	5.5
47	MP3C	Z	27.384	5.5
48	MP3C	Mx	.004	5.5
49	MP3A	X	0	.5
50	MP3A	Z	35.222	.5
51	MP3A	Mx	-.021	.5
52	MP3A	X	0	5.5
53	MP3A	Z	35.222	5.5
54	MP3A	Mx	-.021	5.5
55	MP3B	X	0	.5
56	MP3B	Z	27.384	.5
57	MP3B	Mx	-.004	.5
58	MP3B	X	0	5.5
59	MP3B	Z	27.384	5.5
60	MP3B	Mx	-.004	5.5
61	MP3C	X	0	.5
62	MP3C	Z	27.384	.5
63	MP3C	Mx	.02	.5
64	MP3C	X	0	5.5
65	MP3C	Z	27.384	5.5
66	MP3C	Mx	.02	5.5
67	MP3A	X	0	2
68	MP3A	Z	18.185	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	14.22	2
72	MP3B	Mx	.006	2
73	MP3C	X	0	2
74	MP3C	Z	14.22	2
75	MP3C	Mx	-.006	2
76	MP4A	X	0	2
77	MP4A	Z	18.185	2
78	MP4A	Mx	.009	2
79	MP4B	X	0	2
80	MP4B	Z	12.713	2
81	MP4B	Mx	-.003	2
82	MP4C	X	0	2
83	MP4C	Z	12.713	2
84	MP4C	Mx	-.003	2
85	MP1A	X	0	.5
86	MP1A	Z	20.986	.5
87	MP1A	Mx	0	.5
88	MP1A	X	0	2.5
89	MP1A	Z	20.986	2.5
90	MP1A	Mx	0	2.5
91	MP1B	X	0	.5
92	MP1B	Z	12.24	.5
93	MP1B	Mx	-.009	.5
94	MP1B	X	0	2.5
95	MP1B	Z	12.24	2.5
96	MP1B	Mx	-.009	2.5
97	MP1C	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1C	Z	12.24	.5
99	MP1C	Mx	.009	.5
100	MP1C	X	0	2.5
101	MP1C	Z	12.24	2.5
102	MP1C	Mx	.009	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-2.14	5.5
2	MP3B	Z	3.707	5.5
3	MP3B	Mx	.004	5.5
4	MP1A	X	-4.075	5
5	MP1A	Z	7.058	5
6	MP1A	Mx	.002	5
7	MP1B	X	-1.662	5
8	MP1B	Z	2.879	5
9	MP1B	Mx	-.002	5
10	MP1C	X	-4.075	5
11	MP1C	Z	7.058	5
12	MP1C	Mx	.002	5
13	MP5A	X	-14.273	.5
14	MP5A	Z	24.721	.5
15	MP5A	Mx	.007	.5
16	MP5A	X	-14.273	5.5
17	MP5A	Z	24.721	5.5
18	MP5A	Mx	.007	5.5
19	MP5B	X	-9.651	.5
20	MP5B	Z	16.717	.5
21	MP5B	Mx	-.01	.5
22	MP5B	X	-9.651	5.5
23	MP5B	Z	16.717	5.5
24	MP5B	Mx	-.01	5.5
25	MP5C	X	-14.273	.5
26	MP5C	Z	24.721	.5
27	MP5C	Mx	.007	.5
28	MP5C	X	-14.273	5.5
29	MP5C	Z	24.721	5.5
30	MP5C	Mx	.007	5.5
31	MP3A	X	-16.305	.5
32	MP3A	Z	28.241	.5
33	MP3A	Mx	.025	.5
34	MP3A	X	-16.305	5.5
35	MP3A	Z	28.241	5.5
36	MP3A	Mx	.025	5.5
37	MP3B	X	-12.386	.5
38	MP3B	Z	21.453	.5
39	MP3B	Mx	-.012	.5
40	MP3B	X	-12.386	5.5
41	MP3B	Z	21.453	5.5
42	MP3B	Mx	-.012	5.5
43	MP3C	X	-16.305	.5
44	MP3C	Z	28.241	.5
45	MP3C	Mx	-.008	.5
46	MP3C	X	-16.305	5.5
47	MP3C	Z	28.241	5.5
48	MP3C	Mx	-.008	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	-16.305	.5
50	MP3A	Z	28.241	.5
51	MP3A	Mx	-.008	.5
52	MP3A	X	-16.305	5.5
53	MP3A	Z	28.241	5.5
54	MP3A	Mx	-.008	5.5
55	MP3B	X	-12.386	.5
56	MP3B	Z	21.453	.5
57	MP3B	Mx	-.012	.5
58	MP3B	X	-12.386	5.5
59	MP3B	Z	21.453	5.5
60	MP3B	Mx	-.012	5.5
61	MP3C	X	-16.305	.5
62	MP3C	Z	28.241	.5
63	MP3C	Mx	.025	.5
64	MP3C	X	-16.305	5.5
65	MP3C	Z	28.241	5.5
66	MP3C	Mx	.025	5.5
67	MP3A	X	-8.432	2
68	MP3A	Z	14.604	2
69	MP3A	Mx	-.004	2
70	MP3B	X	-6.449	2
71	MP3B	Z	11.17	2
72	MP3B	Mx	.006	2
73	MP3C	X	-8.432	2
74	MP3C	Z	14.604	2
75	MP3C	Mx	-.004	2
76	MP4A	X	-8.18	2
77	MP4A	Z	14.169	2
78	MP4A	Mx	.007	2
79	MP4B	X	-5.445	2
80	MP4B	Z	9.431	2
81	MP4B	Mx	0	2
82	MP4C	X	-8.18	2
83	MP4C	Z	14.169	2
84	MP4C	Mx	-.007	2
85	MP1A	X	-9.035	.5
86	MP1A	Z	15.65	.5
87	MP1A	Mx	.008	.5
88	MP1A	X	-9.035	2.5
89	MP1A	Z	15.65	2.5
90	MP1A	Mx	.008	2.5
91	MP1B	X	-4.663	.5
92	MP1B	Z	8.076	.5
93	MP1B	Mx	-.008	.5
94	MP1B	X	-4.663	2.5
95	MP1B	Z	8.076	2.5
96	MP1B	Mx	-.008	2.5
97	MP1C	X	-9.035	.5
98	MP1C	Z	15.65	.5
99	MP1C	Mx	.008	.5
100	MP1C	X	-9.035	2.5
101	MP1C	Z	15.65	2.5
102	MP1C	Mx	.008	2.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-5.014	5.5
2	MP3B	Z	2.895	5.5
3	MP3B	Mx	.004	5.5
4	MP1A	X	-4.272	5
5	MP1A	Z	2.466	5
6	MP1A	Mx	.002	5
7	MP1B	X	-4.272	5
8	MP1B	Z	2.466	5
9	MP1B	Mx	-.002	5
10	MP1C	X	-8.451	5
11	MP1C	Z	4.879	5
12	MP1C	Mx	0	5
13	MP5A	X	-19.385	.5
14	MP5A	Z	11.192	.5
15	MP5A	Mx	.01	.5
16	MP5A	X	-19.385	5.5
17	MP5A	Z	11.192	5.5
18	MP5A	Mx	.01	5.5
19	MP5B	X	-19.385	.5
20	MP5B	Z	11.192	.5
21	MP5B	Mx	-.01	.5
22	MP5B	X	-19.385	5.5
23	MP5B	Z	11.192	5.5
24	MP5B	Mx	-.01	5.5
25	MP5C	X	-27.39	.5
26	MP5C	Z	15.813	.5
27	MP5C	Mx	0	.5
28	MP5C	X	-27.39	5.5
29	MP5C	Z	15.813	5.5
30	MP5C	Mx	0	5.5
31	MP3A	X	-23.715	.5
32	MP3A	Z	13.692	.5
33	MP3A	Mx	.02	.5
34	MP3A	X	-23.715	5.5
35	MP3A	Z	13.692	5.5
36	MP3A	Mx	.02	5.5
37	MP3B	X	-23.715	.5
38	MP3B	Z	13.692	.5
39	MP3B	Mx	-.004	.5
40	MP3B	X	-23.715	5.5
41	MP3B	Z	13.692	5.5
42	MP3B	Mx	-.004	5.5
43	MP3C	X	-30.503	.5
44	MP3C	Z	17.611	.5
45	MP3C	Mx	-.021	.5
46	MP3C	X	-30.503	5.5
47	MP3C	Z	17.611	5.5
48	MP3C	Mx	-.021	5.5
49	MP3A	X	-23.715	.5
50	MP3A	Z	13.692	.5
51	MP3A	Mx	.004	.5
52	MP3A	X	-23.715	5.5
53	MP3A	Z	13.692	5.5
54	MP3A	Mx	.004	5.5
55	MP3B	X	-23.715	.5
56	MP3B	Z	13.692	.5
57	MP3B	Mx	-.02	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-23.715	5.5
59	MP3B	Z	13.692	5.5
60	MP3B	Mx	-.02	5.5
61	MP3C	X	-30.503	.5
62	MP3C	Z	17.611	.5
63	MP3C	Mx	.021	.5
64	MP3C	X	-30.503	5.5
65	MP3C	Z	17.611	5.5
66	MP3C	Mx	.021	5.5
67	MP3A	X	-12.315	2
68	MP3A	Z	7.11	2
69	MP3A	Mx	-.006	2
70	MP3B	X	-12.315	2
71	MP3B	Z	7.11	2
72	MP3B	Mx	.006	2
73	MP3C	X	-15.748	2
74	MP3C	Z	9.092	2
75	MP3C	Mx	0	2
76	MP4A	X	-11.01	2
77	MP4A	Z	6.357	2
78	MP4A	Mx	.003	2
79	MP4B	X	-11.01	2
80	MP4B	Z	6.357	2
81	MP4B	Mx	.003	2
82	MP4C	X	-15.748	2
83	MP4C	Z	9.092	2
84	MP4C	Mx	-.009	2
85	MP1A	X	-10.6	.5
86	MP1A	Z	6.12	.5
87	MP1A	Mx	.009	.5
88	MP1A	X	-10.6	2.5
89	MP1A	Z	6.12	2.5
90	MP1A	Mx	.009	2.5
91	MP1B	X	-10.6	.5
92	MP1B	Z	6.12	.5
93	MP1B	Mx	-.009	.5
94	MP1B	X	-10.6	2.5
95	MP1B	Z	6.12	2.5
96	MP1B	Mx	-.009	2.5
97	MP1C	X	-18.174	.5
98	MP1C	Z	10.493	.5
99	MP1C	Mx	0	.5
100	MP1C	X	-18.174	2.5
101	MP1C	Z	10.493	2.5
102	MP1C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-8.809	5.5
2	MP3B	Z	0	5.5
3	MP3B	Mx	.004	5.5
4	MP1A	X	-3.324	5
5	MP1A	Z	0	5
6	MP1A	Mx	.002	5
7	MP1B	X	-8.15	5
8	MP1B	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	-.002	5
10	MP1C	X	-8.15	5
11	MP1C	Z	0	5
12	MP1C	Mx	-.002	5
13	MP5A	X	-19.303	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	.01	.5
16	MP5A	X	-19.303	5.5
17	MP5A	Z	0	5.5
18	MP5A	Mx	.01	5.5
19	MP5B	X	-28.546	.5
20	MP5B	Z	0	.5
21	MP5B	Mx	-.007	.5
22	MP5B	X	-28.546	5.5
23	MP5B	Z	0	5.5
24	MP5B	Mx	-.007	5.5
25	MP5C	X	-28.546	.5
26	MP5C	Z	0	.5
27	MP5C	Mx	-.007	.5
28	MP5C	X	-28.546	5.5
29	MP5C	Z	0	5.5
30	MP5C	Mx	-.007	5.5
31	MP3A	X	-24.772	.5
32	MP3A	Z	0	.5
33	MP3A	Mx	.012	.5
34	MP3A	X	-24.772	5.5
35	MP3A	Z	0	5.5
36	MP3A	Mx	.012	5.5
37	MP3B	X	-32.609	.5
38	MP3B	Z	0	.5
39	MP3B	Mx	.008	.5
40	MP3B	X	-32.609	5.5
41	MP3B	Z	0	5.5
42	MP3B	Mx	.008	5.5
43	MP3C	X	-32.609	.5
44	MP3C	Z	0	.5
45	MP3C	Mx	-.025	.5
46	MP3C	X	-32.609	5.5
47	MP3C	Z	0	5.5
48	MP3C	Mx	-.025	5.5
49	MP3A	X	-24.772	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	.012	.5
52	MP3A	X	-24.772	5.5
53	MP3A	Z	0	5.5
54	MP3A	Mx	.012	5.5
55	MP3B	X	-32.609	.5
56	MP3B	Z	0	.5
57	MP3B	Mx	-.025	.5
58	MP3B	X	-32.609	5.5
59	MP3B	Z	0	5.5
60	MP3B	Mx	-.025	5.5
61	MP3C	X	-32.609	.5
62	MP3C	Z	0	.5
63	MP3C	Mx	.008	.5
64	MP3C	X	-32.609	5.5
65	MP3C	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3C	Mx	.008	5.5
67	MP3A	X	-12.898	2
68	MP3A	Z	0	2
69	MP3A	Mx	-.006	2
70	MP3B	X	-16.863	2
71	MP3B	Z	0	2
72	MP3B	Mx	.004	2
73	MP3C	X	-16.863	2
74	MP3C	Z	0	2
75	MP3C	Mx	.004	2
76	MP4A	X	-10.889	2
77	MP4A	Z	0	2
78	MP4A	Mx	0	2
79	MP4B	X	-16.361	2
80	MP4B	Z	0	2
81	MP4B	Mx	.007	2
82	MP4C	X	-16.361	2
83	MP4C	Z	0	2
84	MP4C	Mx	-.007	2
85	MP1A	X	-9.325	.5
86	MP1A	Z	0	.5
87	MP1A	Mx	.008	.5
88	MP1A	X	-9.325	2.5
89	MP1A	Z	0	2.5
90	MP1A	Mx	.008	2.5
91	MP1B	X	-18.071	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	-.008	.5
94	MP1B	X	-18.071	2.5
95	MP1B	Z	0	2.5
96	MP1B	Mx	-.008	2.5
97	MP1C	X	-18.071	.5
98	MP1C	Z	0	.5
99	MP1C	Mx	-.008	.5
100	MP1C	X	-18.071	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	-.008	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-8.936	5.5
2	MP3B	Z	-5.159	5.5
3	MP3B	Mx	0	5.5
4	MP1A	X	-4.272	5
5	MP1A	Z	-2.466	5
6	MP1A	Mx	.002	5
7	MP1B	X	-8.451	5
8	MP1B	Z	-4.879	5
9	MP1B	Mx	0	5
10	MP1C	X	-4.272	5
11	MP1C	Z	-2.466	5
12	MP1C	Mx	-.002	5
13	MP5A	X	-19.385	.5
14	MP5A	Z	-11.192	.5
15	MP5A	Mx	.01	.5
16	MP5A	X	-19.385	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP5A	Z	-11.192	5.5
18	MP5A	Mx	.01	5.5
19	MP5B	X	-27.39	.5
20	MP5B	Z	-15.813	.5
21	MP5B	Mx	0	.5
22	MP5B	X	-27.39	5.5
23	MP5B	Z	-15.813	5.5
24	MP5B	Mx	0	5.5
25	MP5C	X	-19.385	.5
26	MP5C	Z	-11.192	.5
27	MP5C	Mx	-.01	.5
28	MP5C	X	-19.385	5.5
29	MP5C	Z	-11.192	5.5
30	MP5C	Mx	-.01	5.5
31	MP3A	X	-23.715	.5
32	MP3A	Z	-13.692	.5
33	MP3A	Mx	.004	.5
34	MP3A	X	-23.715	5.5
35	MP3A	Z	-13.692	5.5
36	MP3A	Mx	.004	5.5
37	MP3B	X	-30.503	.5
38	MP3B	Z	-17.611	.5
39	MP3B	Mx	.021	.5
40	MP3B	X	-30.503	5.5
41	MP3B	Z	-17.611	5.5
42	MP3B	Mx	.021	5.5
43	MP3C	X	-23.715	.5
44	MP3C	Z	-13.692	.5
45	MP3C	Mx	-.02	.5
46	MP3C	X	-23.715	5.5
47	MP3C	Z	-13.692	5.5
48	MP3C	Mx	-.02	5.5
49	MP3A	X	-23.715	.5
50	MP3A	Z	-13.692	.5
51	MP3A	Mx	.02	.5
52	MP3A	X	-23.715	5.5
53	MP3A	Z	-13.692	5.5
54	MP3A	Mx	.02	5.5
55	MP3B	X	-30.503	.5
56	MP3B	Z	-17.611	.5
57	MP3B	Mx	-.021	.5
58	MP3B	X	-30.503	5.5
59	MP3B	Z	-17.611	5.5
60	MP3B	Mx	-.021	5.5
61	MP3C	X	-23.715	.5
62	MP3C	Z	-13.692	.5
63	MP3C	Mx	-.004	.5
64	MP3C	X	-23.715	5.5
65	MP3C	Z	-13.692	5.5
66	MP3C	Mx	-.004	5.5
67	MP3A	X	-12.315	2
68	MP3A	Z	-7.11	2
69	MP3A	Mx	-.006	2
70	MP3B	X	-15.748	2
71	MP3B	Z	-9.092	2
72	MP3B	Mx	0	2
73	MP3C	X	-12.315	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	-7.11	2
75	MP3C	Mx	.006	2
76	MP4A	X	-11.01	2
77	MP4A	Z	-6.357	2
78	MP4A	Mx	-.003	2
79	MP4B	X	-15.748	2
80	MP4B	Z	-9.092	2
81	MP4B	Mx	.009	2
82	MP4C	X	-11.01	2
83	MP4C	Z	-6.357	2
84	MP4C	Mx	-.003	2
85	MP1A	X	-10.6	.5
86	MP1A	Z	-6.12	.5
87	MP1A	Mx	.009	.5
88	MP1A	X	-10.6	2.5
89	MP1A	Z	-6.12	2.5
90	MP1A	Mx	.009	2.5
91	MP1B	X	-18.174	.5
92	MP1B	Z	-10.493	.5
93	MP1B	Mx	0	.5
94	MP1B	X	-18.174	2.5
95	MP1B	Z	-10.493	2.5
96	MP1B	Mx	0	2.5
97	MP1C	X	-10.6	.5
98	MP1C	Z	-6.12	.5
99	MP1C	Mx	-.009	.5
100	MP1C	X	-10.6	2.5
101	MP1C	Z	-6.12	2.5
102	MP1C	Mx	-.009	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-4.404	5.5
2	MP3B	Z	-7.629	5.5
3	MP3B	Mx	-.004	5.5
4	MP1A	X	-4.075	5
5	MP1A	Z	-7.058	5
6	MP1A	Mx	.002	5
7	MP1B	X	-4.075	5
8	MP1B	Z	-7.058	5
9	MP1B	Mx	.002	5
10	MP1C	X	-1.662	5
11	MP1C	Z	-2.879	5
12	MP1C	Mx	-.002	5
13	MP5A	X	-14.273	.5
14	MP5A	Z	-24.721	.5
15	MP5A	Mx	.007	.5
16	MP5A	X	-14.273	5.5
17	MP5A	Z	-24.721	5.5
18	MP5A	Mx	.007	5.5
19	MP5B	X	-14.273	.5
20	MP5B	Z	-24.721	.5
21	MP5B	Mx	.007	.5
22	MP5B	X	-14.273	5.5
23	MP5B	Z	-24.721	5.5
24	MP5B	Mx	.007	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP5C	X	-9.651	.5
26	MP5C	Z	-16.717	.5
27	MP5C	Mx	-.01	.5
28	MP5C	X	-9.651	5.5
29	MP5C	Z	-16.717	5.5
30	MP5C	Mx	-.01	5.5
31	MP3A	X	-16.305	.5
32	MP3A	Z	-28.241	.5
33	MP3A	Mx	-.008	.5
34	MP3A	X	-16.305	5.5
35	MP3A	Z	-28.241	5.5
36	MP3A	Mx	-.008	5.5
37	MP3B	X	-16.305	.5
38	MP3B	Z	-28.241	.5
39	MP3B	Mx	.025	.5
40	MP3B	X	-16.305	5.5
41	MP3B	Z	-28.241	5.5
42	MP3B	Mx	.025	5.5
43	MP3C	X	-12.386	.5
44	MP3C	Z	-21.453	.5
45	MP3C	Mx	-.012	.5
46	MP3C	X	-12.386	5.5
47	MP3C	Z	-21.453	5.5
48	MP3C	Mx	-.012	5.5
49	MP3A	X	-16.305	.5
50	MP3A	Z	-28.241	.5
51	MP3A	Mx	.025	.5
52	MP3A	X	-16.305	5.5
53	MP3A	Z	-28.241	5.5
54	MP3A	Mx	.025	5.5
55	MP3B	X	-16.305	.5
56	MP3B	Z	-28.241	.5
57	MP3B	Mx	-.008	.5
58	MP3B	X	-16.305	5.5
59	MP3B	Z	-28.241	5.5
60	MP3B	Mx	-.008	5.5
61	MP3C	X	-12.386	.5
62	MP3C	Z	-21.453	.5
63	MP3C	Mx	-.012	.5
64	MP3C	X	-12.386	5.5
65	MP3C	Z	-21.453	5.5
66	MP3C	Mx	-.012	5.5
67	MP3A	X	-8.432	2
68	MP3A	Z	-14.604	2
69	MP3A	Mx	-.004	2
70	MP3B	X	-8.432	2
71	MP3B	Z	-14.604	2
72	MP3B	Mx	-.004	2
73	MP3C	X	-6.449	2
74	MP3C	Z	-11.17	2
75	MP3C	Mx	.006	2
76	MP4A	X	-8.18	2
77	MP4A	Z	-14.169	2
78	MP4A	Mx	-.007	2
79	MP4B	X	-8.18	2
80	MP4B	Z	-14.169	2
81	MP4B	Mx	.007	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	-5.445	2
83	MP4C	Z	-9.431	2
84	MP4C	Mx	0	2
85	MP1A	X	-9.035	.5
86	MP1A	Z	-15.65	.5
87	MP1A	Mx	.008	.5
88	MP1A	X	-9.035	2.5
89	MP1A	Z	-15.65	2.5
90	MP1A	Mx	.008	2.5
91	MP1B	X	-9.035	.5
92	MP1B	Z	-15.65	.5
93	MP1B	Mx	.008	.5
94	MP1B	X	-9.035	2.5
95	MP1B	Z	-15.65	2.5
96	MP1B	Mx	.008	2.5
97	MP1C	X	-4.663	.5
98	MP1C	Z	-8.076	.5
99	MP1C	Mx	-.008	.5
100	MP1C	X	-4.663	2.5
101	MP1C	Z	-8.076	2.5
102	MP1C	Mx	-.008	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	5.5
2	MP3B	Z	-1.23	5.5
3	MP3B	Mx	-.000888	5.5
4	MP1A	X	0	5
5	MP1A	Z	-2.394	5
6	MP1A	Mx	0	5
7	MP1B	X	0	5
8	MP1B	Z	-.951	5
9	MP1B	Mx	.000412	5
10	MP1C	X	0	5
11	MP1C	Z	-.951	5
12	MP1C	Mx	-.000412	5
13	MP5A	X	0	.5
14	MP5A	Z	-9.737	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	5.5
17	MP5A	Z	-9.737	5.5
18	MP5A	Mx	0	5.5
19	MP5B	X	0	.5
20	MP5B	Z	-6.493	.5
21	MP5B	Mx	.003	.5
22	MP5B	X	0	5.5
23	MP5B	Z	-6.493	5.5
24	MP5B	Mx	.003	5.5
25	MP5C	X	0	.5
26	MP5C	Z	-6.493	.5
27	MP5C	Mx	-.003	.5
28	MP5C	X	0	5.5
29	MP5C	Z	-6.493	5.5
30	MP5C	Mx	-.003	5.5
31	MP3A	X	0	.5
32	MP3A	Z	-7.39	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3A	Mx	-.004	.5
34	MP3A	X	0	5.5
35	MP3A	Z	-7.39	5.5
36	MP3A	Mx	-.004	5.5
37	MP3B	X	0	.5
38	MP3B	Z	-4.232	.5
39	MP3B	Mx	.003	.5
40	MP3B	X	0	5.5
41	MP3B	Z	-4.232	5.5
42	MP3B	Mx	.003	5.5
43	MP3C	X	0	.5
44	MP3C	Z	-4.232	.5
45	MP3C	Mx	-.000598	.5
46	MP3C	X	0	5.5
47	MP3C	Z	-4.232	5.5
48	MP3C	Mx	-.000598	5.5
49	MP3A	X	0	.5
50	MP3A	Z	-7.39	.5
51	MP3A	Mx	.004	.5
52	MP3A	X	0	5.5
53	MP3A	Z	-7.39	5.5
54	MP3A	Mx	.004	5.5
55	MP3B	X	0	.5
56	MP3B	Z	-4.232	.5
57	MP3B	Mx	.000598	.5
58	MP3B	X	0	5.5
59	MP3B	Z	-4.232	5.5
60	MP3B	Mx	.000598	5.5
61	MP3C	X	0	.5
62	MP3C	Z	-4.232	.5
63	MP3C	Mx	-.003	.5
64	MP3C	X	0	5.5
65	MP3C	Z	-4.232	5.5
66	MP3C	Mx	-.003	5.5
67	MP3A	X	0	2
68	MP3A	Z	-4.158	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	-3.132	2
72	MP3B	Mx	-.001	2
73	MP3C	X	0	2
74	MP3C	Z	-3.132	2
75	MP3C	Mx	.001	2
76	MP4A	X	0	2
77	MP4A	Z	-4.158	2
78	MP4A	Mx	-.002	2
79	MP4B	X	0	2
80	MP4B	Z	-2.75	2
81	MP4B	Mx	.000688	2
82	MP4C	X	0	2
83	MP4C	Z	-2.75	2
84	MP4C	Mx	.000688	2
85	MP1A	X	0	.5
86	MP1A	Z	-5.258	.5
87	MP1A	Mx	0	.5
88	MP1A	X	0	2.5
89	MP1A	Z	-5.258	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1A	Mx	0	2.5
91	MP1B	X	0	.5
92	MP1B	Z	-2.672	.5
93	MP1B	Mx	.002	.5
94	MP1B	X	0	2.5
95	MP1B	Z	-2.672	2.5
96	MP1B	Mx	.002	2.5
97	MP1C	X	0	.5
98	MP1C	Z	-2.672	.5
99	MP1C	Mx	-.002	.5
100	MP1C	X	0	2.5
101	MP1C	Z	-2.672	2.5
102	MP1C	Mx	-.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	.391	5.5
2	MP3B	Z	-.676	5.5
3	MP3B	Mx	-.000651	5.5
4	MP1A	X	.957	5
5	MP1A	Z	-1.657	5
6	MP1A	Mx	-.000478	5
7	MP1B	X	.235	5
8	MP1B	Z	-.407	5
9	MP1B	Mx	.000235	5
10	MP1C	X	.957	5
11	MP1C	Z	-1.657	5
12	MP1C	Mx	-.000478	5
13	MP5A	X	4.328	.5
14	MP5A	Z	-7.496	.5
15	MP5A	Mx	-.002	.5
16	MP5A	X	4.328	5.5
17	MP5A	Z	-7.496	5.5
18	MP5A	Mx	-.002	5.5
19	MP5B	X	2.706	.5
20	MP5B	Z	-4.687	.5
21	MP5B	Mx	.003	.5
22	MP5B	X	2.706	5.5
23	MP5B	Z	-4.687	5.5
24	MP5B	Mx	.003	5.5
25	MP5C	X	4.328	.5
26	MP5C	Z	-7.496	.5
27	MP5C	Mx	-.002	.5
28	MP5C	X	4.328	5.5
29	MP5C	Z	-7.496	5.5
30	MP5C	Mx	-.002	5.5
31	MP3A	X	3.169	.5
32	MP3A	Z	-5.488	.5
33	MP3A	Mx	-.005	.5
34	MP3A	X	3.169	5.5
35	MP3A	Z	-5.488	5.5
36	MP3A	Mx	-.005	5.5
37	MP3B	X	1.589	.5
38	MP3B	Z	-2.753	.5
39	MP3B	Mx	.002	.5
40	MP3B	X	1.589	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	-2.753	5.5
42	MP3B	Mx	.002	5.5
43	MP3C	X	3.169	.5
44	MP3C	Z	-5.488	.5
45	MP3C	Mx	.002	.5
46	MP3C	X	3.169	5.5
47	MP3C	Z	-5.488	5.5
48	MP3C	Mx	.002	5.5
49	MP3A	X	3.169	.5
50	MP3A	Z	-5.488	.5
51	MP3A	Mx	.002	.5
52	MP3A	X	3.169	5.5
53	MP3A	Z	-5.488	5.5
54	MP3A	Mx	.002	5.5
55	MP3B	X	1.589	.5
56	MP3B	Z	-2.753	.5
57	MP3B	Mx	.002	.5
58	MP3B	X	1.589	5.5
59	MP3B	Z	-2.753	5.5
60	MP3B	Mx	.002	5.5
61	MP3C	X	3.169	.5
62	MP3C	Z	-5.488	.5
63	MP3C	Mx	-.005	.5
64	MP3C	X	3.169	5.5
65	MP3C	Z	-5.488	5.5
66	MP3C	Mx	-.005	5.5
67	MP3A	X	1.908	2
68	MP3A	Z	-3.305	2
69	MP3A	Mx	.000954	2
70	MP3B	X	1.395	2
71	MP3B	Z	-2.416	2
72	MP3B	Mx	-.001	2
73	MP3C	X	1.908	2
74	MP3C	Z	-3.305	2
75	MP3C	Mx	.000954	2
76	MP4A	X	1.844	2
77	MP4A	Z	-3.194	2
78	MP4A	Mx	-.002	2
79	MP4B	X	1.14	2
80	MP4B	Z	-1.975	2
81	MP4B	Mx	0	2
82	MP4C	X	1.844	2
83	MP4C	Z	-3.194	2
84	MP4C	Mx	.002	2
85	MP1A	X	2.198	.5
86	MP1A	Z	-3.807	.5
87	MP1A	Mx	-.002	.5
88	MP1A	X	2.198	2.5
89	MP1A	Z	-3.807	2.5
90	MP1A	Mx	-.002	2.5
91	MP1B	X	.905	.5
92	MP1B	Z	-1.568	.5
93	MP1B	Mx	.002	.5
94	MP1B	X	.905	2.5
95	MP1B	Z	-1.568	2.5
96	MP1B	Mx	.002	2.5
97	MP1C	X	2.198	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1C	Z	-3.807	.5
99	MP1C	Mx	-.002	.5
100	MP1C	X	2.198	2.5
101	MP1C	Z	-3.807	2.5
102	MP1C	Mx	-.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	1.065	5.5
2	MP3B	Z	-.615	5.5
3	MP3B	Mx	-.000888	5.5
4	MP1A	X	.823	5
5	MP1A	Z	-.475	5
6	MP1A	Mx	-.000412	5
7	MP1B	X	.823	5
8	MP1B	Z	-.475	5
9	MP1B	Mx	.000411	5
10	MP1C	X	2.074	5
11	MP1C	Z	-1.197	5
12	MP1C	Mx	0	5
13	MP5A	X	5.623	.5
14	MP5A	Z	-3.247	.5
15	MP5A	Mx	-.003	.5
16	MP5A	X	5.623	5.5
17	MP5A	Z	-3.247	5.5
18	MP5A	Mx	-.003	5.5
19	MP5B	X	5.623	.5
20	MP5B	Z	-3.247	.5
21	MP5B	Mx	.003	.5
22	MP5B	X	5.623	5.5
23	MP5B	Z	-3.247	5.5
24	MP5B	Mx	.003	5.5
25	MP5C	X	8.433	.5
26	MP5C	Z	-4.869	.5
27	MP5C	Mx	0	.5
28	MP5C	X	8.433	5.5
29	MP5C	Z	-4.869	5.5
30	MP5C	Mx	0	5.5
31	MP3A	X	3.665	.5
32	MP3A	Z	-2.116	.5
33	MP3A	Mx	-.003	.5
34	MP3A	X	3.665	5.5
35	MP3A	Z	-2.116	5.5
36	MP3A	Mx	-.003	5.5
37	MP3B	X	3.665	.5
38	MP3B	Z	-2.116	.5
39	MP3B	Mx	.000598	.5
40	MP3B	X	3.665	5.5
41	MP3B	Z	-2.116	5.5
42	MP3B	Mx	.000598	5.5
43	MP3C	X	6.4	.5
44	MP3C	Z	-3.695	.5
45	MP3C	Mx	.004	.5
46	MP3C	X	6.4	5.5
47	MP3C	Z	-3.695	5.5
48	MP3C	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	3.665	.5
50	MP3A	Z	-2.116	.5
51	MP3A	Mx	-.000598	.5
52	MP3A	X	3.665	5.5
53	MP3A	Z	-2.116	5.5
54	MP3A	Mx	-.000598	5.5
55	MP3B	X	3.665	.5
56	MP3B	Z	-2.116	.5
57	MP3B	Mx	.003	.5
58	MP3B	X	3.665	5.5
59	MP3B	Z	-2.116	5.5
60	MP3B	Mx	.003	5.5
61	MP3C	X	6.4	.5
62	MP3C	Z	-3.695	.5
63	MP3C	Mx	-.004	.5
64	MP3C	X	6.4	5.5
65	MP3C	Z	-3.695	5.5
66	MP3C	Mx	-.004	5.5
67	MP3A	X	2.712	2
68	MP3A	Z	-1.566	2
69	MP3A	Mx	.001	2
70	MP3B	X	2.712	2
71	MP3B	Z	-1.566	2
72	MP3B	Mx	-.001	2
73	MP3C	X	3.601	2
74	MP3C	Z	-2.079	2
75	MP3C	Mx	0	2
76	MP4A	X	2.381	2
77	MP4A	Z	-1.375	2
78	MP4A	Mx	-.000688	2
79	MP4B	X	2.381	2
80	MP4B	Z	-1.375	2
81	MP4B	Mx	-.000687	2
82	MP4C	X	3.601	2
83	MP4C	Z	-2.079	2
84	MP4C	Mx	.002	2
85	MP1A	X	2.314	.5
86	MP1A	Z	-1.336	.5
87	MP1A	Mx	-.002	.5
88	MP1A	X	2.314	2.5
89	MP1A	Z	-1.336	2.5
90	MP1A	Mx	-.002	2.5
91	MP1B	X	2.314	.5
92	MP1B	Z	-1.336	.5
93	MP1B	Mx	.002	.5
94	MP1B	X	2.314	2.5
95	MP1B	Z	-1.336	2.5
96	MP1B	Mx	.002	2.5
97	MP1C	X	4.553	.5
98	MP1C	Z	-2.629	.5
99	MP1C	Mx	0	.5
100	MP1C	X	4.553	2.5
101	MP1C	Z	-2.629	2.5
102	MP1C	Mx	0	2.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	2.127	5.5
2	MP3B	Z	0	5.5
3	MP3B	Mx	-.000886	5.5
4	MP1A	X	.47	5
5	MP1A	Z	0	5
6	MP1A	Mx	-.000235	5
7	MP1B	X	1.913	5
8	MP1B	Z	0	5
9	MP1B	Mx	.000478	5
10	MP1C	X	1.913	5
11	MP1C	Z	0	5
12	MP1C	Mx	.000478	5
13	MP5A	X	5.412	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	-.003	.5
16	MP5A	X	5.412	5.5
17	MP5A	Z	0	5.5
18	MP5A	Mx	-.003	5.5
19	MP5B	X	8.656	.5
20	MP5B	Z	0	.5
21	MP5B	Mx	.002	.5
22	MP5B	X	8.656	5.5
23	MP5B	Z	0	5.5
24	MP5B	Mx	.002	5.5
25	MP5C	X	8.656	.5
26	MP5C	Z	0	.5
27	MP5C	Mx	.002	.5
28	MP5C	X	8.656	5.5
29	MP5C	Z	0	5.5
30	MP5C	Mx	.002	5.5
31	MP3A	X	3.179	.5
32	MP3A	Z	0	.5
33	MP3A	Mx	-.002	.5
34	MP3A	X	3.179	5.5
35	MP3A	Z	0	5.5
36	MP3A	Mx	-.002	5.5
37	MP3B	X	6.337	.5
38	MP3B	Z	0	.5
39	MP3B	Mx	-.002	.5
40	MP3B	X	6.337	5.5
41	MP3B	Z	0	5.5
42	MP3B	Mx	-.002	5.5
43	MP3C	X	6.337	.5
44	MP3C	Z	0	.5
45	MP3C	Mx	.005	.5
46	MP3C	X	6.337	5.5
47	MP3C	Z	0	5.5
48	MP3C	Mx	.005	5.5
49	MP3A	X	3.179	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	-.002	.5
52	MP3A	X	3.179	5.5
53	MP3A	Z	0	5.5
54	MP3A	Mx	-.002	5.5
55	MP3B	X	6.337	.5
56	MP3B	Z	0	.5
57	MP3B	Mx	.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	6.337	5.5
59	MP3B	Z	0	5.5
60	MP3B	Mx	.005	5.5
61	MP3C	X	6.337	.5
62	MP3C	Z	0	.5
63	MP3C	Mx	-.002	.5
64	MP3C	X	6.337	5.5
65	MP3C	Z	0	5.5
66	MP3C	Mx	-.002	5.5
67	MP3A	X	2.79	2
68	MP3A	Z	0	2
69	MP3A	Mx	.001	2
70	MP3B	X	3.816	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.000954	2
73	MP3C	X	3.816	2
74	MP3C	Z	0	2
75	MP3C	Mx	-.000954	2
76	MP4A	X	2.28	2
77	MP4A	Z	0	2
78	MP4A	Mx	0	2
79	MP4B	X	3.688	2
80	MP4B	Z	0	2
81	MP4B	Mx	-.002	2
82	MP4C	X	3.688	2
83	MP4C	Z	0	2
84	MP4C	Mx	.002	2
85	MP1A	X	1.811	.5
86	MP1A	Z	0	.5
87	MP1A	Mx	-.002	.5
88	MP1A	X	1.811	2.5
89	MP1A	Z	0	2.5
90	MP1A	Mx	-.002	2.5
91	MP1B	X	4.396	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	.002	.5
94	MP1B	X	4.396	2.5
95	MP1B	Z	0	2.5
96	MP1B	Mx	.002	2.5
97	MP1C	X	4.396	.5
98	MP1C	Z	0	.5
99	MP1C	Mx	.002	.5
100	MP1C	X	4.396	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	2.23	5.5
2	MP3B	Z	1.288	5.5
3	MP3B	Mx	0	5.5
4	MP1A	X	.823	5
5	MP1A	Z	.475	5
6	MP1A	Mx	-.000412	5
7	MP1B	X	2.074	5
8	MP1B	Z	1.197	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	0	5
10	MP1C	X	.823	5
11	MP1C	Z	.475	5
12	MP1C	Mx	.000411	5
13	MP5A	X	5.623	.5
14	MP5A	Z	3.247	.5
15	MP5A	Mx	-.003	.5
16	MP5A	X	5.623	5.5
17	MP5A	Z	3.247	5.5
18	MP5A	Mx	-.003	5.5
19	MP5B	X	8.433	.5
20	MP5B	Z	4.869	.5
21	MP5B	Mx	0	.5
22	MP5B	X	8.433	5.5
23	MP5B	Z	4.869	5.5
24	MP5B	Mx	0	5.5
25	MP5C	X	5.623	.5
26	MP5C	Z	3.247	.5
27	MP5C	Mx	.003	.5
28	MP5C	X	5.623	5.5
29	MP5C	Z	3.247	5.5
30	MP5C	Mx	.003	5.5
31	MP3A	X	3.665	.5
32	MP3A	Z	2.116	.5
33	MP3A	Mx	-.000598	.5
34	MP3A	X	3.665	5.5
35	MP3A	Z	2.116	5.5
36	MP3A	Mx	-.000598	5.5
37	MP3B	X	6.4	.5
38	MP3B	Z	3.695	.5
39	MP3B	Mx	-.004	.5
40	MP3B	X	6.4	5.5
41	MP3B	Z	3.695	5.5
42	MP3B	Mx	-.004	5.5
43	MP3C	X	3.665	.5
44	MP3C	Z	2.116	.5
45	MP3C	Mx	.003	.5
46	MP3C	X	3.665	5.5
47	MP3C	Z	2.116	5.5
48	MP3C	Mx	.003	5.5
49	MP3A	X	3.665	.5
50	MP3A	Z	2.116	.5
51	MP3A	Mx	-.003	.5
52	MP3A	X	3.665	5.5
53	MP3A	Z	2.116	5.5
54	MP3A	Mx	-.003	5.5
55	MP3B	X	6.4	.5
56	MP3B	Z	3.695	.5
57	MP3B	Mx	.004	.5
58	MP3B	X	6.4	5.5
59	MP3B	Z	3.695	5.5
60	MP3B	Mx	.004	5.5
61	MP3C	X	3.665	.5
62	MP3C	Z	2.116	.5
63	MP3C	Mx	.000598	.5
64	MP3C	X	3.665	5.5
65	MP3C	Z	2.116	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3C	Mx	.000598	5.5
67	MP3A	X	2.712	2
68	MP3A	Z	1.566	2
69	MP3A	Mx	.001	2
70	MP3B	X	3.601	2
71	MP3B	Z	2.079	2
72	MP3B	Mx	0	2
73	MP3C	X	2.712	2
74	MP3C	Z	1.566	2
75	MP3C	Mx	-.001	2
76	MP4A	X	2.381	2
77	MP4A	Z	1.375	2
78	MP4A	Mx	.000688	2
79	MP4B	X	3.601	2
80	MP4B	Z	2.079	2
81	MP4B	Mx	-.002	2
82	MP4C	X	2.381	2
83	MP4C	Z	1.375	2
84	MP4C	Mx	.000687	2
85	MP1A	X	2.314	.5
86	MP1A	Z	1.336	.5
87	MP1A	Mx	-.002	.5
88	MP1A	X	2.314	2.5
89	MP1A	Z	1.336	2.5
90	MP1A	Mx	-.002	2.5
91	MP1B	X	4.553	.5
92	MP1B	Z	2.629	.5
93	MP1B	Mx	0	.5
94	MP1B	X	4.553	2.5
95	MP1B	Z	2.629	2.5
96	MP1B	Mx	0	2.5
97	MP1C	X	2.314	.5
98	MP1C	Z	1.336	.5
99	MP1C	Mx	.002	.5
100	MP1C	X	2.314	2.5
101	MP1C	Z	1.336	2.5
102	MP1C	Mx	.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	1.063	5.5
2	MP3B	Z	1.842	5.5
3	MP3B	Mx	.000886	5.5
4	MP1A	X	.957	5
5	MP1A	Z	1.657	5
6	MP1A	Mx	-.000478	5
7	MP1B	X	.957	5
8	MP1B	Z	1.657	5
9	MP1B	Mx	-.000478	5
10	MP1C	X	.235	5
11	MP1C	Z	.407	5
12	MP1C	Mx	.000235	5
13	MP5A	X	4.328	.5
14	MP5A	Z	7.496	.5
15	MP5A	Mx	-.002	.5
16	MP5A	X	4.328	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP5A	Z	7.496	5.5
18	MP5A	Mx	-.002	5.5
19	MP5B	X	4.328	.5
20	MP5B	Z	7.496	.5
21	MP5B	Mx	-.002	.5
22	MP5B	X	4.328	5.5
23	MP5B	Z	7.496	5.5
24	MP5B	Mx	-.002	5.5
25	MP5C	X	2.706	.5
26	MP5C	Z	4.687	.5
27	MP5C	Mx	.003	.5
28	MP5C	X	2.706	5.5
29	MP5C	Z	4.687	5.5
30	MP5C	Mx	.003	5.5
31	MP3A	X	3.169	.5
32	MP3A	Z	5.488	.5
33	MP3A	Mx	.002	.5
34	MP3A	X	3.169	5.5
35	MP3A	Z	5.488	5.5
36	MP3A	Mx	.002	5.5
37	MP3B	X	3.169	.5
38	MP3B	Z	5.488	.5
39	MP3B	Mx	-.005	.5
40	MP3B	X	3.169	5.5
41	MP3B	Z	5.488	5.5
42	MP3B	Mx	-.005	5.5
43	MP3C	X	1.589	.5
44	MP3C	Z	2.753	.5
45	MP3C	Mx	.002	.5
46	MP3C	X	1.589	5.5
47	MP3C	Z	2.753	5.5
48	MP3C	Mx	.002	5.5
49	MP3A	X	3.169	.5
50	MP3A	Z	5.488	.5
51	MP3A	Mx	-.005	.5
52	MP3A	X	3.169	5.5
53	MP3A	Z	5.488	5.5
54	MP3A	Mx	-.005	5.5
55	MP3B	X	3.169	.5
56	MP3B	Z	5.488	.5
57	MP3B	Mx	.002	.5
58	MP3B	X	3.169	5.5
59	MP3B	Z	5.488	5.5
60	MP3B	Mx	.002	5.5
61	MP3C	X	1.589	.5
62	MP3C	Z	2.753	.5
63	MP3C	Mx	.002	.5
64	MP3C	X	1.589	5.5
65	MP3C	Z	2.753	5.5
66	MP3C	Mx	.002	5.5
67	MP3A	X	1.908	2
68	MP3A	Z	3.305	2
69	MP3A	Mx	.000954	2
70	MP3B	X	1.908	2
71	MP3B	Z	3.305	2
72	MP3B	Mx	.000954	2
73	MP3C	X	1.395	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	2.416	2
75	MP3C	Mx	-.001	2
76	MP4A	X	1.844	2
77	MP4A	Z	3.194	2
78	MP4A	Mx	.002	2
79	MP4B	X	1.844	2
80	MP4B	Z	3.194	2
81	MP4B	Mx	-.002	2
82	MP4C	X	1.14	2
83	MP4C	Z	1.975	2
84	MP4C	Mx	0	2
85	MP1A	X	2.198	.5
86	MP1A	Z	3.807	.5
87	MP1A	Mx	-.002	.5
88	MP1A	X	2.198	2.5
89	MP1A	Z	3.807	2.5
90	MP1A	Mx	-.002	2.5
91	MP1B	X	2.198	.5
92	MP1B	Z	3.807	.5
93	MP1B	Mx	-.002	.5
94	MP1B	X	2.198	2.5
95	MP1B	Z	3.807	2.5
96	MP1B	Mx	-.002	2.5
97	MP1C	X	.905	.5
98	MP1C	Z	1.568	.5
99	MP1C	Mx	.002	.5
100	MP1C	X	.905	2.5
101	MP1C	Z	1.568	2.5
102	MP1C	Mx	.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	0	5.5
2	MP3B	Z	1.23	5.5
3	MP3B	Mx	.000888	5.5
4	MP1A	X	0	5
5	MP1A	Z	2.394	5
6	MP1A	Mx	0	5
7	MP1B	X	0	5
8	MP1B	Z	.951	5
9	MP1B	Mx	-.000412	5
10	MP1C	X	0	5
11	MP1C	Z	.951	5
12	MP1C	Mx	.000412	5
13	MP5A	X	0	.5
14	MP5A	Z	9.737	.5
15	MP5A	Mx	0	.5
16	MP5A	X	0	5.5
17	MP5A	Z	9.737	5.5
18	MP5A	Mx	0	5.5
19	MP5B	X	0	.5
20	MP5B	Z	6.493	.5
21	MP5B	Mx	-.003	.5
22	MP5B	X	0	5.5
23	MP5B	Z	6.493	5.5
24	MP5B	Mx	-.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP5C	X	0	.5
26	MP5C	Z	6.493	.5
27	MP5C	Mx	.003	.5
28	MP5C	X	0	5.5
29	MP5C	Z	6.493	5.5
30	MP5C	Mx	.003	5.5
31	MP3A	X	0	.5
32	MP3A	Z	7.39	.5
33	MP3A	Mx	.004	.5
34	MP3A	X	0	5.5
35	MP3A	Z	7.39	5.5
36	MP3A	Mx	.004	5.5
37	MP3B	X	0	.5
38	MP3B	Z	4.232	.5
39	MP3B	Mx	-.003	.5
40	MP3B	X	0	5.5
41	MP3B	Z	4.232	5.5
42	MP3B	Mx	-.003	5.5
43	MP3C	X	0	.5
44	MP3C	Z	4.232	.5
45	MP3C	Mx	.000598	.5
46	MP3C	X	0	5.5
47	MP3C	Z	4.232	5.5
48	MP3C	Mx	.000598	5.5
49	MP3A	X	0	.5
50	MP3A	Z	7.39	.5
51	MP3A	Mx	-.004	.5
52	MP3A	X	0	5.5
53	MP3A	Z	7.39	5.5
54	MP3A	Mx	-.004	5.5
55	MP3B	X	0	.5
56	MP3B	Z	4.232	.5
57	MP3B	Mx	-.000598	.5
58	MP3B	X	0	5.5
59	MP3B	Z	4.232	5.5
60	MP3B	Mx	-.000598	5.5
61	MP3C	X	0	.5
62	MP3C	Z	4.232	.5
63	MP3C	Mx	.003	.5
64	MP3C	X	0	5.5
65	MP3C	Z	4.232	5.5
66	MP3C	Mx	.003	5.5
67	MP3A	X	0	2
68	MP3A	Z	4.158	2
69	MP3A	Mx	0	2
70	MP3B	X	0	2
71	MP3B	Z	3.132	2
72	MP3B	Mx	.001	2
73	MP3C	X	0	2
74	MP3C	Z	3.132	2
75	MP3C	Mx	-.001	2
76	MP4A	X	0	2
77	MP4A	Z	4.158	2
78	MP4A	Mx	.002	2
79	MP4B	X	0	2
80	MP4B	Z	2.75	2
81	MP4B	Mx	-.000688	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	0	2
83	MP4C	Z	2.75	2
84	MP4C	Mx	-.000688	2
85	MP1A	X	0	.5
86	MP1A	Z	5.258	.5
87	MP1A	Mx	0	.5
88	MP1A	X	0	2.5
89	MP1A	Z	5.258	2.5
90	MP1A	Mx	0	2.5
91	MP1B	X	0	.5
92	MP1B	Z	2.672	.5
93	MP1B	Mx	-.002	.5
94	MP1B	X	0	2.5
95	MP1B	Z	2.672	2.5
96	MP1B	Mx	-.002	2.5
97	MP1C	X	0	.5
98	MP1C	Z	2.672	.5
99	MP1C	Mx	.002	.5
100	MP1C	X	0	2.5
101	MP1C	Z	2.672	2.5
102	MP1C	Mx	.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-.391	5.5
2	MP3B	Z	.676	5.5
3	MP3B	Mx	.000651	5.5
4	MP1A	X	-.957	5
5	MP1A	Z	1.657	5
6	MP1A	Mx	.000478	5
7	MP1B	X	-.235	5
8	MP1B	Z	.407	5
9	MP1B	Mx	-.000235	5
10	MP1C	X	-.957	5
11	MP1C	Z	1.657	5
12	MP1C	Mx	.000478	5
13	MP5A	X	-4.328	.5
14	MP5A	Z	7.496	.5
15	MP5A	Mx	.002	.5
16	MP5A	X	-4.328	5.5
17	MP5A	Z	7.496	5.5
18	MP5A	Mx	.002	5.5
19	MP5B	X	-2.706	.5
20	MP5B	Z	4.687	.5
21	MP5B	Mx	-.003	.5
22	MP5B	X	-2.706	5.5
23	MP5B	Z	4.687	5.5
24	MP5B	Mx	-.003	5.5
25	MP5C	X	-4.328	.5
26	MP5C	Z	7.496	.5
27	MP5C	Mx	.002	.5
28	MP5C	X	-4.328	5.5
29	MP5C	Z	7.496	5.5
30	MP5C	Mx	.002	5.5
31	MP3A	X	-3.169	.5
32	MP3A	Z	5.488	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3A	Mx	.005	.5
34	MP3A	X	-3.169	5.5
35	MP3A	Z	5.488	5.5
36	MP3A	Mx	.005	5.5
37	MP3B	X	-1.589	.5
38	MP3B	Z	2.753	.5
39	MP3B	Mx	-.002	.5
40	MP3B	X	-1.589	5.5
41	MP3B	Z	2.753	5.5
42	MP3B	Mx	-.002	5.5
43	MP3C	X	-3.169	.5
44	MP3C	Z	5.488	.5
45	MP3C	Mx	-.002	.5
46	MP3C	X	-3.169	5.5
47	MP3C	Z	5.488	5.5
48	MP3C	Mx	-.002	5.5
49	MP3A	X	-3.169	.5
50	MP3A	Z	5.488	.5
51	MP3A	Mx	-.002	.5
52	MP3A	X	-3.169	5.5
53	MP3A	Z	5.488	5.5
54	MP3A	Mx	-.002	5.5
55	MP3B	X	-1.589	.5
56	MP3B	Z	2.753	.5
57	MP3B	Mx	-.002	.5
58	MP3B	X	-1.589	5.5
59	MP3B	Z	2.753	5.5
60	MP3B	Mx	-.002	5.5
61	MP3C	X	-3.169	.5
62	MP3C	Z	5.488	.5
63	MP3C	Mx	.005	.5
64	MP3C	X	-3.169	5.5
65	MP3C	Z	5.488	5.5
66	MP3C	Mx	.005	5.5
67	MP3A	X	-1.908	2
68	MP3A	Z	3.305	2
69	MP3A	Mx	-.000954	2
70	MP3B	X	-1.395	2
71	MP3B	Z	2.416	2
72	MP3B	Mx	.001	2
73	MP3C	X	-1.908	2
74	MP3C	Z	3.305	2
75	MP3C	Mx	-.000954	2
76	MP4A	X	-1.844	2
77	MP4A	Z	3.194	2
78	MP4A	Mx	.002	2
79	MP4B	X	-1.14	2
80	MP4B	Z	1.975	2
81	MP4B	Mx	0	2
82	MP4C	X	-1.844	2
83	MP4C	Z	3.194	2
84	MP4C	Mx	-.002	2
85	MP1A	X	-2.198	.5
86	MP1A	Z	3.807	.5
87	MP1A	Mx	.002	.5
88	MP1A	X	-2.198	2.5
89	MP1A	Z	3.807	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP1A	Mx	.002	2.5
91	MP1B	X	-.905	.5
92	MP1B	Z	1.568	.5
93	MP1B	Mx	-.002	.5
94	MP1B	X	-.905	2.5
95	MP1B	Z	1.568	2.5
96	MP1B	Mx	-.002	2.5
97	MP1C	X	-2.198	.5
98	MP1C	Z	3.807	.5
99	MP1C	Mx	.002	.5
100	MP1C	X	-2.198	2.5
101	MP1C	Z	3.807	2.5
102	MP1C	Mx	.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-1.065	5.5
2	MP3B	Z	.615	5.5
3	MP3B	Mx	.000888	5.5
4	MP1A	X	-.823	5
5	MP1A	Z	.475	5
6	MP1A	Mx	.000412	5
7	MP1B	X	-.823	5
8	MP1B	Z	.475	5
9	MP1B	Mx	-.000411	5
10	MP1C	X	-2.074	5
11	MP1C	Z	1.197	5
12	MP1C	Mx	0	5
13	MP5A	X	-5.623	.5
14	MP5A	Z	3.247	.5
15	MP5A	Mx	.003	.5
16	MP5A	X	-5.623	5.5
17	MP5A	Z	3.247	5.5
18	MP5A	Mx	.003	5.5
19	MP5B	X	-5.623	.5
20	MP5B	Z	3.247	.5
21	MP5B	Mx	-.003	.5
22	MP5B	X	-5.623	5.5
23	MP5B	Z	3.247	5.5
24	MP5B	Mx	-.003	5.5
25	MP5C	X	-8.433	.5
26	MP5C	Z	4.869	.5
27	MP5C	Mx	0	.5
28	MP5C	X	-8.433	5.5
29	MP5C	Z	4.869	5.5
30	MP5C	Mx	0	5.5
31	MP3A	X	-3.665	.5
32	MP3A	Z	2.116	.5
33	MP3A	Mx	.003	.5
34	MP3A	X	-3.665	5.5
35	MP3A	Z	2.116	5.5
36	MP3A	Mx	.003	5.5
37	MP3B	X	-3.665	.5
38	MP3B	Z	2.116	.5
39	MP3B	Mx	-.000598	.5
40	MP3B	X	-3.665	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3B	Z	2.116	5.5
42	MP3B	Mx	-.000598	5.5
43	MP3C	X	-6.4	.5
44	MP3C	Z	3.695	.5
45	MP3C	Mx	-.004	.5
46	MP3C	X	-6.4	5.5
47	MP3C	Z	3.695	5.5
48	MP3C	Mx	-.004	5.5
49	MP3A	X	-3.665	.5
50	MP3A	Z	2.116	.5
51	MP3A	Mx	.000598	.5
52	MP3A	X	-3.665	5.5
53	MP3A	Z	2.116	5.5
54	MP3A	Mx	.000598	5.5
55	MP3B	X	-3.665	.5
56	MP3B	Z	2.116	.5
57	MP3B	Mx	-.003	.5
58	MP3B	X	-3.665	5.5
59	MP3B	Z	2.116	5.5
60	MP3B	Mx	-.003	5.5
61	MP3C	X	-6.4	.5
62	MP3C	Z	3.695	.5
63	MP3C	Mx	.004	.5
64	MP3C	X	-6.4	5.5
65	MP3C	Z	3.695	5.5
66	MP3C	Mx	.004	5.5
67	MP3A	X	-2.712	2
68	MP3A	Z	1.566	2
69	MP3A	Mx	-.001	2
70	MP3B	X	-2.712	2
71	MP3B	Z	1.566	2
72	MP3B	Mx	.001	2
73	MP3C	X	-3.601	2
74	MP3C	Z	2.079	2
75	MP3C	Mx	0	2
76	MP4A	X	-2.381	2
77	MP4A	Z	1.375	2
78	MP4A	Mx	.000688	2
79	MP4B	X	-2.381	2
80	MP4B	Z	1.375	2
81	MP4B	Mx	.000687	2
82	MP4C	X	-3.601	2
83	MP4C	Z	2.079	2
84	MP4C	Mx	-.002	2
85	MP1A	X	-2.314	.5
86	MP1A	Z	1.336	.5
87	MP1A	Mx	.002	.5
88	MP1A	X	-2.314	2.5
89	MP1A	Z	1.336	2.5
90	MP1A	Mx	.002	2.5
91	MP1B	X	-2.314	.5
92	MP1B	Z	1.336	.5
93	MP1B	Mx	-.002	.5
94	MP1B	X	-2.314	2.5
95	MP1B	Z	1.336	2.5
96	MP1B	Mx	-.002	2.5
97	MP1C	X	-4.553	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	MP1C	Z	2.629	.5
99	MP1C	Mx	0	.5
100	MP1C	X	-4.553	2.5
101	MP1C	Z	2.629	2.5
102	MP1C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-2.127	5.5
2	MP3B	Z	0	5.5
3	MP3B	Mx	.000886	5.5
4	MP1A	X	-.47	5
5	MP1A	Z	0	5
6	MP1A	Mx	.000235	5
7	MP1B	X	-1.913	5
8	MP1B	Z	0	5
9	MP1B	Mx	-.000478	5
10	MP1C	X	-1.913	5
11	MP1C	Z	0	5
12	MP1C	Mx	-.000478	5
13	MP5A	X	-5.412	.5
14	MP5A	Z	0	.5
15	MP5A	Mx	.003	.5
16	MP5A	X	-5.412	5.5
17	MP5A	Z	0	5.5
18	MP5A	Mx	.003	5.5
19	MP5B	X	-8.656	.5
20	MP5B	Z	0	.5
21	MP5B	Mx	-.002	.5
22	MP5B	X	-8.656	5.5
23	MP5B	Z	0	5.5
24	MP5B	Mx	-.002	5.5
25	MP5C	X	-8.656	.5
26	MP5C	Z	0	.5
27	MP5C	Mx	-.002	.5
28	MP5C	X	-8.656	5.5
29	MP5C	Z	0	5.5
30	MP5C	Mx	-.002	5.5
31	MP3A	X	-3.179	.5
32	MP3A	Z	0	.5
33	MP3A	Mx	.002	.5
34	MP3A	X	-3.179	5.5
35	MP3A	Z	0	5.5
36	MP3A	Mx	.002	5.5
37	MP3B	X	-6.337	.5
38	MP3B	Z	0	.5
39	MP3B	Mx	.002	.5
40	MP3B	X	-6.337	5.5
41	MP3B	Z	0	5.5
42	MP3B	Mx	.002	5.5
43	MP3C	X	-6.337	.5
44	MP3C	Z	0	.5
45	MP3C	Mx	-.005	.5
46	MP3C	X	-6.337	5.5
47	MP3C	Z	0	5.5
48	MP3C	Mx	-.005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3A	X	-3.179	.5
50	MP3A	Z	0	.5
51	MP3A	Mx	.002	.5
52	MP3A	X	-3.179	5.5
53	MP3A	Z	0	5.5
54	MP3A	Mx	.002	5.5
55	MP3B	X	-6.337	.5
56	MP3B	Z	0	.5
57	MP3B	Mx	-.005	.5
58	MP3B	X	-6.337	5.5
59	MP3B	Z	0	5.5
60	MP3B	Mx	-.005	5.5
61	MP3C	X	-6.337	.5
62	MP3C	Z	0	.5
63	MP3C	Mx	.002	.5
64	MP3C	X	-6.337	5.5
65	MP3C	Z	0	5.5
66	MP3C	Mx	.002	5.5
67	MP3A	X	-2.79	2
68	MP3A	Z	0	2
69	MP3A	Mx	-.001	2
70	MP3B	X	-3.816	2
71	MP3B	Z	0	2
72	MP3B	Mx	.000954	2
73	MP3C	X	-3.816	2
74	MP3C	Z	0	2
75	MP3C	Mx	.000954	2
76	MP4A	X	-2.28	2
77	MP4A	Z	0	2
78	MP4A	Mx	0	2
79	MP4B	X	-3.688	2
80	MP4B	Z	0	2
81	MP4B	Mx	.002	2
82	MP4C	X	-3.688	2
83	MP4C	Z	0	2
84	MP4C	Mx	-.002	2
85	MP1A	X	-1.811	.5
86	MP1A	Z	0	.5
87	MP1A	Mx	.002	.5
88	MP1A	X	-1.811	2.5
89	MP1A	Z	0	2.5
90	MP1A	Mx	.002	2.5
91	MP1B	X	-4.396	.5
92	MP1B	Z	0	.5
93	MP1B	Mx	-.002	.5
94	MP1B	X	-4.396	2.5
95	MP1B	Z	0	2.5
96	MP1B	Mx	-.002	2.5
97	MP1C	X	-4.396	.5
98	MP1C	Z	0	.5
99	MP1C	Mx	-.002	.5
100	MP1C	X	-4.396	2.5
101	MP1C	Z	0	2.5
102	MP1C	Mx	-.002	2.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-2.23	5.5
2	MP3B	Z	-1.288	5.5
3	MP3B	Mx	0	5.5
4	MP1A	X	-.823	5
5	MP1A	Z	-.475	5
6	MP1A	Mx	.000412	5
7	MP1B	X	-2.074	5
8	MP1B	Z	-1.197	5
9	MP1B	Mx	0	5
10	MP1C	X	-.823	5
11	MP1C	Z	-.475	5
12	MP1C	Mx	-.000411	5
13	MP5A	X	-5.623	.5
14	MP5A	Z	-3.247	.5
15	MP5A	Mx	.003	.5
16	MP5A	X	-5.623	5.5
17	MP5A	Z	-3.247	5.5
18	MP5A	Mx	.003	5.5
19	MP5B	X	-8.433	.5
20	MP5B	Z	-4.869	.5
21	MP5B	Mx	0	.5
22	MP5B	X	-8.433	5.5
23	MP5B	Z	-4.869	5.5
24	MP5B	Mx	0	5.5
25	MP5C	X	-5.623	.5
26	MP5C	Z	-3.247	.5
27	MP5C	Mx	-.003	.5
28	MP5C	X	-5.623	5.5
29	MP5C	Z	-3.247	5.5
30	MP5C	Mx	-.003	5.5
31	MP3A	X	-3.665	.5
32	MP3A	Z	-2.116	.5
33	MP3A	Mx	.000598	.5
34	MP3A	X	-3.665	5.5
35	MP3A	Z	-2.116	5.5
36	MP3A	Mx	.000598	5.5
37	MP3B	X	-6.4	.5
38	MP3B	Z	-3.695	.5
39	MP3B	Mx	.004	.5
40	MP3B	X	-6.4	5.5
41	MP3B	Z	-3.695	5.5
42	MP3B	Mx	.004	5.5
43	MP3C	X	-3.665	.5
44	MP3C	Z	-2.116	.5
45	MP3C	Mx	-.003	.5
46	MP3C	X	-3.665	5.5
47	MP3C	Z	-2.116	5.5
48	MP3C	Mx	-.003	5.5
49	MP3A	X	-3.665	.5
50	MP3A	Z	-2.116	.5
51	MP3A	Mx	.003	.5
52	MP3A	X	-3.665	5.5
53	MP3A	Z	-2.116	5.5
54	MP3A	Mx	.003	5.5
55	MP3B	X	-6.4	.5
56	MP3B	Z	-3.695	.5
57	MP3B	Mx	-.004	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-6.4	5.5
59	MP3B	Z	-3.695	5.5
60	MP3B	Mx	-.004	5.5
61	MP3C	X	-3.665	.5
62	MP3C	Z	-2.116	.5
63	MP3C	Mx	-.000598	.5
64	MP3C	X	-3.665	5.5
65	MP3C	Z	-2.116	5.5
66	MP3C	Mx	-.000598	5.5
67	MP3A	X	-2.712	2
68	MP3A	Z	-1.566	2
69	MP3A	Mx	-.001	2
70	MP3B	X	-3.601	2
71	MP3B	Z	-2.079	2
72	MP3B	Mx	0	2
73	MP3C	X	-2.712	2
74	MP3C	Z	-1.566	2
75	MP3C	Mx	.001	2
76	MP4A	X	-2.381	2
77	MP4A	Z	-1.375	2
78	MP4A	Mx	-.000688	2
79	MP4B	X	-3.601	2
80	MP4B	Z	-2.079	2
81	MP4B	Mx	.002	2
82	MP4C	X	-2.381	2
83	MP4C	Z	-1.375	2
84	MP4C	Mx	-.000687	2
85	MP1A	X	-2.314	.5
86	MP1A	Z	-1.336	.5
87	MP1A	Mx	.002	.5
88	MP1A	X	-2.314	2.5
89	MP1A	Z	-1.336	2.5
90	MP1A	Mx	.002	2.5
91	MP1B	X	-4.553	.5
92	MP1B	Z	-2.629	.5
93	MP1B	Mx	0	.5
94	MP1B	X	-4.553	2.5
95	MP1B	Z	-2.629	2.5
96	MP1B	Mx	0	2.5
97	MP1C	X	-2.314	.5
98	MP1C	Z	-1.336	.5
99	MP1C	Mx	-.002	.5
100	MP1C	X	-2.314	2.5
101	MP1C	Z	-1.336	2.5
102	MP1C	Mx	-.002	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	-1.063	5.5
2	MP3B	Z	-1.842	5.5
3	MP3B	Mx	-.000886	5.5
4	MP1A	X	-.957	5
5	MP1A	Z	-1.657	5
6	MP1A	Mx	.000478	5
7	MP1B	X	-.957	5
8	MP1B	Z	-1.657	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP1B	Mx	.000478	5
10	MP1C	X	-.235	5
11	MP1C	Z	-.407	5
12	MP1C	Mx	-.000235	5
13	MP5A	X	-4.328	.5
14	MP5A	Z	-7.496	.5
15	MP5A	Mx	.002	.5
16	MP5A	X	-4.328	5.5
17	MP5A	Z	-7.496	5.5
18	MP5A	Mx	.002	5.5
19	MP5B	X	-4.328	.5
20	MP5B	Z	-7.496	.5
21	MP5B	Mx	.002	.5
22	MP5B	X	-4.328	5.5
23	MP5B	Z	-7.496	5.5
24	MP5B	Mx	.002	5.5
25	MP5C	X	-2.706	.5
26	MP5C	Z	-4.687	.5
27	MP5C	Mx	-.003	.5
28	MP5C	X	-2.706	5.5
29	MP5C	Z	-4.687	5.5
30	MP5C	Mx	-.003	5.5
31	MP3A	X	-3.169	.5
32	MP3A	Z	-5.488	.5
33	MP3A	Mx	-.002	.5
34	MP3A	X	-3.169	5.5
35	MP3A	Z	-5.488	5.5
36	MP3A	Mx	-.002	5.5
37	MP3B	X	-3.169	.5
38	MP3B	Z	-5.488	.5
39	MP3B	Mx	.005	.5
40	MP3B	X	-3.169	5.5
41	MP3B	Z	-5.488	5.5
42	MP3B	Mx	.005	5.5
43	MP3C	X	-1.589	.5
44	MP3C	Z	-2.753	.5
45	MP3C	Mx	-.002	.5
46	MP3C	X	-1.589	5.5
47	MP3C	Z	-2.753	5.5
48	MP3C	Mx	-.002	5.5
49	MP3A	X	-3.169	.5
50	MP3A	Z	-5.488	.5
51	MP3A	Mx	.005	.5
52	MP3A	X	-3.169	5.5
53	MP3A	Z	-5.488	5.5
54	MP3A	Mx	.005	5.5
55	MP3B	X	-3.169	.5
56	MP3B	Z	-5.488	.5
57	MP3B	Mx	-.002	.5
58	MP3B	X	-3.169	5.5
59	MP3B	Z	-5.488	5.5
60	MP3B	Mx	-.002	5.5
61	MP3C	X	-1.589	.5
62	MP3C	Z	-2.753	.5
63	MP3C	Mx	-.002	.5
64	MP3C	X	-1.589	5.5
65	MP3C	Z	-2.753	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3C	Mx	-.002	5.5
67	MP3A	X	-1.908	2
68	MP3A	Z	-3.305	2
69	MP3A	Mx	-.000954	2
70	MP3B	X	-1.908	2
71	MP3B	Z	-3.305	2
72	MP3B	Mx	-.000954	2
73	MP3C	X	-1.395	2
74	MP3C	Z	-2.416	2
75	MP3C	Mx	.001	2
76	MP4A	X	-1.844	2
77	MP4A	Z	-3.194	2
78	MP4A	Mx	-.002	2
79	MP4B	X	-1.844	2
80	MP4B	Z	-3.194	2
81	MP4B	Mx	.002	2
82	MP4C	X	-1.14	2
83	MP4C	Z	-1.975	2
84	MP4C	Mx	0	2
85	MP1A	X	-2.198	.5
86	MP1A	Z	-3.807	.5
87	MP1A	Mx	.002	.5
88	MP1A	X	-2.198	2.5
89	MP1A	Z	-3.807	2.5
90	MP1A	Mx	.002	2.5
91	MP1B	X	-2.198	.5
92	MP1B	Z	-3.807	.5
93	MP1B	Mx	.002	.5
94	MP1B	X	-2.198	2.5
95	MP1B	Z	-3.807	2.5
96	MP1B	Mx	.002	2.5
97	MP1C	X	-.905	.5
98	MP1C	Z	-1.568	.5
99	MP1C	Mx	-.002	.5
100	MP1C	X	-.905	2.5
101	MP1C	Z	-1.568	2.5
102	MP1C	Mx	-.002	2.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LIVE2	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LIVE1	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	Y	0	5.5
2	MP3B	My	0	5.5
3	MP3B	Mz	0	5.5
4	MP1A	Y	0	5
5	MP1A	My	0	5
6	MP1A	Mz	0	5
7	MP1B	Y	0	5
8	MP1B	My	0	5
9	MP1B	Mz	0	5
10	MP1C	Y	0	5
11	MP1C	My	0	5
12	MP1C	Mz	0	5
13	MP5A	Y	0	.5
14	MP5A	My	0	.5
15	MP5A	Mz	0	.5
16	MP5A	Y	0	5.5
17	MP5A	My	0	5.5
18	MP5A	Mz	0	5.5
19	MP5B	Y	0	.5
20	MP5B	My	0	.5
21	MP5B	Mz	0	.5
22	MP5B	Y	0	5.5
23	MP5B	My	0	5.5
24	MP5B	Mz	0	5.5
25	MP5C	Y	0	.5
26	MP5C	My	0	.5
27	MP5C	Mz	0	.5
28	MP5C	Y	0	5.5
29	MP5C	My	0	5.5
30	MP5C	Mz	0	5.5
31	MP3A	Y	0	.5
32	MP3A	My	0	.5
33	MP3A	Mz	0	.5
34	MP3A	Y	0	5.5
35	MP3A	My	0	5.5
36	MP3A	Mz	0	5.5
37	MP3B	Y	0	.5
38	MP3B	My	0	.5
39	MP3B	Mz	0	.5
40	MP3B	Y	0	5.5
41	MP3B	My	0	5.5
42	MP3B	Mz	0	5.5
43	MP3C	Y	0	.5
44	MP3C	My	0	.5
45	MP3C	Mz	0	.5
46	MP3C	Y	0	5.5
47	MP3C	My	0	5.5
48	MP3C	Mz	0	5.5
49	MP3A	Y	0	.5
50	MP3A	My	0	.5
51	MP3A	Mz	0	.5
52	MP3A	Y	0	5.5
53	MP3A	My	0	5.5
54	MP3A	Mz	0	5.5
55	MP3B	Y	0	.5
56	MP3B	My	0	.5
57	MP3B	Mz	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	Y	0	5.5
59	MP3B	My	0	5.5
60	MP3B	Mz	0	5.5
61	MP3C	Y	0	.5
62	MP3C	My	0	.5
63	MP3C	Mz	0	.5
64	MP3C	Y	0	5.5
65	MP3C	My	0	5.5
66	MP3C	Mz	0	5.5
67	MP3A	Y	0	2
68	MP3A	My	0	2
69	MP3A	Mz	0	2
70	MP3B	Y	0	2
71	MP3B	My	0	2
72	MP3B	Mz	0	2
73	MP3C	Y	0	2
74	MP3C	My	0	2
75	MP3C	Mz	0	2
76	MP4A	Y	0	2
77	MP4A	My	0	2
78	MP4A	Mz	0	2
79	MP4B	Y	0	2
80	MP4B	My	0	2
81	MP4B	Mz	0	2
82	MP4C	Y	0	2
83	MP4C	My	0	2
84	MP4C	Mz	0	2
85	MP1A	Y	0	.5
86	MP1A	My	0	.5
87	MP1A	Mz	0	.5
88	MP1A	Y	0	2.5
89	MP1A	My	0	2.5
90	MP1A	Mz	0	2.5
91	MP1B	Y	0	.5
92	MP1B	My	0	.5
93	MP1B	Mz	0	.5
94	MP1B	Y	0	2.5
95	MP1B	My	0	2.5
96	MP1B	Mz	0	2.5
97	MP1C	Y	0	.5
98	MP1C	My	0	.5
99	MP1C	Mz	0	.5
100	MP1C	Y	0	2.5
101	MP1C	My	0	2.5
102	MP1C	Mz	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	Z	-.528	5.5
2	MP3B	Mx	-.000381	5.5
3	MP1A	Z	-.132	5
4	MP1A	Mx	0	5
5	MP1B	Z	-.132	5
6	MP1B	Mx	5.7e-5	5
7	MP1C	Z	-.132	5
8	MP1C	Mx	-5.7e-5	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP5A	Z	-.288	.5
10	MP5A	Mx	0	.5
11	MP5A	Z	-.288	5.5
12	MP5A	Mx	0	5.5
13	MP5B	Z	-.288	.5
14	MP5B	Mx	.000125	.5
15	MP5B	Z	-.288	5.5
16	MP5B	Mx	.000125	5.5
17	MP5C	Z	-.288	.5
18	MP5C	Mx	-.000125	.5
19	MP5C	Z	-.288	5.5
20	MP5C	Mx	-.000125	5.5
21	MP3A	Z	-.6	.5
22	MP3A	Mx	-.00035	.5
23	MP3A	Z	-.6	5.5
24	MP3A	Mx	-.00035	5.5
25	MP3B	Z	-.6	.5
26	MP3B	Mx	.000435	.5
27	MP3B	Z	-.6	5.5
28	MP3B	Mx	.000435	5.5
29	MP3C	Z	-.6	.5
30	MP3C	Mx	-8.5e-5	.5
31	MP3C	Z	-.6	5.5
32	MP3C	Mx	-8.5e-5	5.5
33	MP3A	Z	-.6	.5
34	MP3A	Mx	.00035	.5
35	MP3A	Z	-.6	5.5
36	MP3A	Mx	.00035	5.5
37	MP3B	Z	-.6	.5
38	MP3B	Mx	8.5e-5	.5
39	MP3B	Z	-.6	5.5
40	MP3B	Mx	8.5e-5	5.5
41	MP3C	Z	-.6	.5
42	MP3C	Mx	-.000435	.5
43	MP3C	Z	-.6	5.5
44	MP3C	Mx	-.000435	5.5
45	MP3A	Z	-2.532	2
46	MP3A	Mx	0	2
47	MP3B	Z	-2.532	2
48	MP3B	Mx	-.001	2
49	MP3C	Z	-2.532	2
50	MP3C	Mx	.001	2
51	MP4A	Z	-2.109	2
52	MP4A	Mx	-.001	2
53	MP4B	Z	-2.109	2
54	MP4B	Mx	.000527	2
55	MP4C	Z	-2.109	2
56	MP4C	Mx	.000527	2
57	MP1A	Z	-1.306	.5
58	MP1A	Mx	0	.5
59	MP1A	Z	-1.306	2.5
60	MP1A	Mx	0	2.5
61	MP1B	Z	-1.306	.5
62	MP1B	Mx	.000943	.5
63	MP1B	Z	-1.306	2.5
64	MP1B	Mx	.000943	2.5
65	MP1C	Z	-1.306	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1C	Mx	-.000943	.5
67	MP1C	Z	-1.306	2.5
68	MP1C	Mx	-.000943	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3B	X	.528	5.5
2	MP3B	Mx	-.00022	5.5
3	MP1A	X	.132	5
4	MP1A	Mx	-6.6e-5	5
5	MP1B	X	.132	5
6	MP1B	Mx	3.3e-5	5
7	MP1C	X	.132	5
8	MP1C	Mx	3.3e-5	5
9	MP5A	X	.288	.5
10	MP5A	Mx	-.000144	.5
11	MP5A	X	.288	5.5
12	MP5A	Mx	-.000144	5.5
13	MP5B	X	.288	.5
14	MP5B	Mx	7.2e-5	.5
15	MP5B	X	.288	5.5
16	MP5B	Mx	7.2e-5	5.5
17	MP5C	X	.288	.5
18	MP5C	Mx	7.2e-5	.5
19	MP5C	X	.288	5.5
20	MP5C	Mx	7.2e-5	5.5
21	MP3A	X	.6	.5
22	MP3A	Mx	-.0003	.5
23	MP3A	X	.6	5.5
24	MP3A	Mx	-.0003	5.5
25	MP3B	X	.6	.5
26	MP3B	Mx	-.000153	.5
27	MP3B	X	.6	5.5
28	MP3B	Mx	-.000153	5.5
29	MP3C	X	.6	.5
30	MP3C	Mx	.000453	.5
31	MP3C	X	.6	5.5
32	MP3C	Mx	.000453	5.5
33	MP3A	X	.6	.5
34	MP3A	Mx	-.0003	.5
35	MP3A	X	.6	5.5
36	MP3A	Mx	-.0003	5.5
37	MP3B	X	.6	.5
38	MP3B	Mx	.000453	.5
39	MP3B	X	.6	5.5
40	MP3B	Mx	.000453	5.5
41	MP3C	X	.6	.5
42	MP3C	Mx	-.000153	.5
43	MP3C	X	.6	5.5
44	MP3C	Mx	-.000153	5.5
45	MP3A	X	2.532	2
46	MP3A	Mx	.001	2
47	MP3B	X	2.532	2
48	MP3B	Mx	-.000633	2
49	MP3C	X	2.532	2
50	MP3C	Mx	-.000633	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP4A	X	2.109	2
52	MP4A	Mx	0	2
53	MP4B	X	2.109	2
54	MP4B	Mx	-.000913	2
55	MP4C	X	2.109	2
56	MP4C	Mx	.000913	2
57	MP1A	X	1.306	.5
58	MP1A	Mx	-.001	.5
59	MP1A	X	1.306	2.5
60	MP1A	Mx	-.001	2.5
61	MP1B	X	1.306	.5
62	MP1B	Mx	.000544	.5
63	MP1B	X	1.306	2.5
64	MP1B	Mx	.000544	2.5
65	MP1C	X	1.306	.5
66	MP1C	Mx	.000544	.5
67	MP1C	X	1.306	2.5
68	MP1C	Mx	.000544	2.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	Y	-18.433	-18.433	0	%100
2	M76	Y	-15.696	-15.696	0	%100
3	M77	Y	-15.696	-15.696	0	%100
4	M78	Y	-11.137	-11.137	0	%100
5	M79	Y	-11.137	-11.137	0	%100
6	M84	Y	-22.823	-22.823	0	%100
7	MP1A	Y	-8.73	-8.73	0	%100
8	M13	Y	-15.696	-15.696	0	%100
9	M14	Y	-15.696	-15.696	0	%100
10	M15	Y	-11.137	-11.137	0	%100
11	M16	Y	-11.137	-11.137	0	%100
12	M22	Y	-15.696	-15.696	0	%100
13	M23	Y	-15.696	-15.696	0	%100
14	M24	Y	-11.137	-11.137	0	%100
15	M25	Y	-11.137	-11.137	0	%100
16	M31	Y	-18.433	-18.433	0	%100
17	M61	Y	-18.433	-18.433	0	%100
18	MP2A	Y	-8.73	-8.73	0	%100
19	MP3A	Y	-8.73	-8.73	0	%100
20	MP4A	Y	-8.73	-8.73	0	%100
21	MP5A	Y	-8.73	-8.73	0	%100
22	M50	Y	-22.823	-22.823	0	%100
23	MP1C	Y	-8.73	-8.73	0	%100
24	MP2C	Y	-8.73	-8.73	0	%100
25	MP3C	Y	-8.73	-8.73	0	%100
26	MP4C	Y	-8.73	-8.73	0	%100
27	MP5C	Y	-8.73	-8.73	0	%100
28	M90	Y	-22.823	-22.823	0	%100
29	MP1B	Y	-8.73	-8.73	0	%100
30	MP2B	Y	-8.73	-8.73	0	%100
31	MP3B	Y	-8.73	-8.73	0	%100
32	MP4B	Y	-8.73	-8.73	0	%100
33	MP5B	Y	-8.73	-8.73	0	%100
34	M76A	Y	-9.791	-9.791	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
35	M77B	Y	-9.791	-9.791	0	%100
36	M78A	Y	-9.791	-9.791	0	%100
37	M85	Y	-12.694	-12.694	0	%100
38	M86	Y	-12.694	-12.694	0	%100
39	M87A	Y	-12.694	-12.694	0	%100
40	M88A	Y	-18.017	-18.017	0	%100
41	M89	Y	-18.017	-18.017	0	%100
42	M90A	Y	-18.017	-18.017	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	-41.501	-41.501	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	-23.805	-23.805	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	-14.525	-14.525	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	-14.525	-14.525	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	-2.075	-2.075	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-9.856	-9.856	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-12.895	-12.895	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	-5.951	-5.951	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	-3.631	-3.631	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	-3.631	-3.631	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-12.895	-12.895	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-5.951	-5.951	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-3.631	-3.631	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-3.631	-3.631	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	-10.375	-10.375	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	-10.375	-10.375	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-9.856	-9.856	0	%100
37	MP3A	X	0	0	0	%100
38	MP3A	Z	-9.856	-9.856	0	%100
39	MP4A	X	0	0	0	%100
40	MP4A	Z	-9.856	-9.856	0	%100
41	MP5A	X	0	0	0	%100
42	MP5A	Z	-9.856	-9.856	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	-.519	-.519	0	%100
45	MP1C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	MP1C	Z	-9.856	-9.856	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	-9.856	-9.856	0	%100
49	MP3C	X	0	0	0	%100
50	MP3C	Z	-9.856	-9.856	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	-9.856	-9.856	0	%100
53	MP5C	X	0	0	0	%100
54	MP5C	Z	-9.856	-9.856	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	-.519	-.519	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	-9.856	-9.856	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	-9.856	-9.856	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	-9.856	-9.856	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	-9.856	-9.856	0	%100
65	MP5B	X	0	0	0	%100
66	MP5B	Z	-9.856	-9.856	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	-2.983	-2.983	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	-2.983	-2.983	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	-11.932	-11.932	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	-3.315	-3.315	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	-13.259	-13.259	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	-3.315	-3.315	0	%100
79	M88A	X	0	0	0	%100
80	M88A	Z	-6.684	-6.684	0	%100
81	M89	X	0	0	0	%100
82	M89	Z	-15.389	-15.389	0	%100
83	M90A	X	0	0	0	%100
84	M90A	Z	-15.389	-15.389	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	15.563	15.563	0	%100
2	FACE	Z	-26.956	-26.956	0	%100
3	M76	X	2.149	2.149	0	%100
4	M76	Z	-3.723	-3.723	0	%100
5	M77	X	8.927	8.927	0	%100
6	M77	Z	-15.462	-15.462	0	%100
7	M78	X	5.447	5.447	0	%100
8	M78	Z	-9.434	-9.434	0	%100
9	M79	X	5.447	5.447	0	%100
10	M79	Z	-9.434	-9.434	0	%100
11	M84	X	.778	.778	0	%100
12	M84	Z	-1.348	-1.348	0	%100
13	MP1A	X	4.928	4.928	0	%100
14	MP1A	Z	-8.536	-8.536	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	M13	X	2.149	2.149	0	%100
16	M13	Z	-3.723	-3.723	0	%100
17	M14	X	8.927	8.927	0	%100
18	M14	Z	-15.462	-15.462	0	%100
19	M15	X	5.447	5.447	0	%100
20	M15	Z	-9.434	-9.434	0	%100
21	M16	X	5.447	5.447	0	%100
22	M16	Z	-9.434	-9.434	0	%100
23	M22	X	8.597	8.597	0	%100
24	M22	Z	-14.89	-14.89	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	15.563	15.563	0	%100
32	M31	Z	-26.956	-26.956	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	4.928	4.928	0	%100
36	MP2A	Z	-8.536	-8.536	0	%100
37	MP3A	X	4.928	4.928	0	%100
38	MP3A	Z	-8.536	-8.536	0	%100
39	MP4A	X	4.928	4.928	0	%100
40	MP4A	Z	-8.536	-8.536	0	%100
41	MP5A	X	4.928	4.928	0	%100
42	MP5A	Z	-8.536	-8.536	0	%100
43	M50	X	.778	.778	0	%100
44	M50	Z	-1.348	-1.348	0	%100
45	MP1C	X	4.928	4.928	0	%100
46	MP1C	Z	-8.536	-8.536	0	%100
47	MP2C	X	4.928	4.928	0	%100
48	MP2C	Z	-8.536	-8.536	0	%100
49	MP3C	X	4.928	4.928	0	%100
50	MP3C	Z	-8.536	-8.536	0	%100
51	MP4C	X	4.928	4.928	0	%100
52	MP4C	Z	-8.536	-8.536	0	%100
53	MP5C	X	4.928	4.928	0	%100
54	MP5C	Z	-8.536	-8.536	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	4.928	4.928	0	%100
58	MP1B	Z	-8.536	-8.536	0	%100
59	MP2B	X	4.928	4.928	0	%100
60	MP2B	Z	-8.536	-8.536	0	%100
61	MP3B	X	4.928	4.928	0	%100
62	MP3B	Z	-8.536	-8.536	0	%100
63	MP4B	X	4.928	4.928	0	%100
64	MP4B	Z	-8.536	-8.536	0	%100
65	MP5B	X	4.928	4.928	0	%100
66	MP5B	Z	-8.536	-8.536	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	4.474	4.474	0	%100
70	M77B	Z	-7.75	-7.75	0	%100
71	M78A	X	4.474	4.474	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
72	M78A	Z	-7.75	-7.75	0	%100
73	M85	X	4.972	4.972	0	%100
74	M85	Z	-8.612	-8.612	0	%100
75	M86	X	4.972	4.972	0	%100
76	M86	Z	-8.612	-8.612	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	4.793	4.793	0	%100
80	M88A	Z	-8.302	-8.302	0	%100
81	M89	X	4.793	4.793	0	%100
82	M89	Z	-8.302	-8.302	0	%100
83	M90A	X	9.146	9.146	0	%100
84	M90A	Z	-15.841	-15.841	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	8.985	8.985	0	%100
2	FACE	Z	-5.188	-5.188	0	%100
3	M76	X	11.168	11.168	0	%100
4	M76	Z	-6.448	-6.448	0	%100
5	M77	X	5.154	5.154	0	%100
6	M77	Z	-2.976	-2.976	0	%100
7	M78	X	3.145	3.145	0	%100
8	M78	Z	-1.816	-1.816	0	%100
9	M79	X	3.145	3.145	0	%100
10	M79	Z	-1.816	-1.816	0	%100
11	M84	X	.449	.449	0	%100
12	M84	Z	-.259	-.259	0	%100
13	MP1A	X	8.536	8.536	0	%100
14	MP1A	Z	-4.928	-4.928	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	20.616	20.616	0	%100
18	M14	Z	-11.903	-11.903	0	%100
19	M15	X	12.579	12.579	0	%100
20	M15	Z	-7.263	-7.263	0	%100
21	M16	X	12.579	12.579	0	%100
22	M16	Z	-7.263	-7.263	0	%100
23	M22	X	11.168	11.168	0	%100
24	M22	Z	-6.448	-6.448	0	%100
25	M23	X	5.154	5.154	0	%100
26	M23	Z	-2.976	-2.976	0	%100
27	M24	X	3.145	3.145	0	%100
28	M24	Z	-1.816	-1.816	0	%100
29	M25	X	3.145	3.145	0	%100
30	M25	Z	-1.816	-1.816	0	%100
31	M31	X	35.941	35.941	0	%100
32	M31	Z	-20.75	-20.75	0	%100
33	M61	X	8.985	8.985	0	%100
34	M61	Z	-5.188	-5.188	0	%100
35	MP2A	X	8.536	8.536	0	%100
36	MP2A	Z	-4.928	-4.928	0	%100
37	MP3A	X	8.536	8.536	0	%100
38	MP3A	Z	-4.928	-4.928	0	%100
39	MP4A	X	8.536	8.536	0	%100
40	MP4A	Z	-4.928	-4.928	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	MP5A	X	8.536	8.536	0	%100
42	MP5A	Z	-4.928	-4.928	0	%100
43	M50	X	1.797	1.797	0	%100
44	M50	Z	-1.038	-1.038	0	%100
45	MP1C	X	8.536	8.536	0	%100
46	MP1C	Z	-4.928	-4.928	0	%100
47	MP2C	X	8.536	8.536	0	%100
48	MP2C	Z	-4.928	-4.928	0	%100
49	MP3C	X	8.536	8.536	0	%100
50	MP3C	Z	-4.928	-4.928	0	%100
51	MP4C	X	8.536	8.536	0	%100
52	MP4C	Z	-4.928	-4.928	0	%100
53	MP5C	X	8.536	8.536	0	%100
54	MP5C	Z	-4.928	-4.928	0	%100
55	M90	X	.449	.449	0	%100
56	M90	Z	-.259	-.259	0	%100
57	MP1B	X	8.536	8.536	0	%100
58	MP1B	Z	-4.928	-4.928	0	%100
59	MP2B	X	8.536	8.536	0	%100
60	MP2B	Z	-4.928	-4.928	0	%100
61	MP3B	X	8.536	8.536	0	%100
62	MP3B	Z	-4.928	-4.928	0	%100
63	MP4B	X	8.536	8.536	0	%100
64	MP4B	Z	-4.928	-4.928	0	%100
65	MP5B	X	8.536	8.536	0	%100
66	MP5B	Z	-4.928	-4.928	0	%100
67	M76A	X	2.583	2.583	0	%100
68	M76A	Z	-1.491	-1.491	0	%100
69	M77B	X	10.333	10.333	0	%100
70	M77B	Z	-5.966	-5.966	0	%100
71	M78A	X	2.583	2.583	0	%100
72	M78A	Z	-1.491	-1.491	0	%100
73	M85	X	11.483	11.483	0	%100
74	M85	Z	-6.63	-6.63	0	%100
75	M86	X	2.871	2.871	0	%100
76	M86	Z	-1.657	-1.657	0	%100
77	M87A	X	2.871	2.871	0	%100
78	M87A	Z	-1.657	-1.657	0	%100
79	M88A	X	13.328	13.328	0	%100
80	M88A	Z	-7.695	-7.695	0	%100
81	M89	X	5.789	5.789	0	%100
82	M89	Z	-3.342	-3.342	0	%100
83	M90A	X	13.328	13.328	0	%100
84	M90A	Z	-7.695	-7.695	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M76	X	17.194	17.194	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	MP1A	X	9.856	9.856	0	%100
14	MP1A	Z	0	0	0	%100
15	M13	X	4.298	4.298	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	17.854	17.854	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	10.894	10.894	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	10.894	10.894	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	4.298	4.298	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	17.854	17.854	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	10.894	10.894	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	10.894	10.894	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	31.126	31.126	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	31.126	31.126	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	9.856	9.856	0	%100
36	MP2A	Z	0	0	0	%100
37	MP3A	X	9.856	9.856	0	%100
38	MP3A	Z	0	0	0	%100
39	MP4A	X	9.856	9.856	0	%100
40	MP4A	Z	0	0	0	%100
41	MP5A	X	9.856	9.856	0	%100
42	MP5A	Z	0	0	0	%100
43	M50	X	1.556	1.556	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	9.856	9.856	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	9.856	9.856	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3C	X	9.856	9.856	0	%100
50	MP3C	Z	0	0	0	%100
51	MP4C	X	9.856	9.856	0	%100
52	MP4C	Z	0	0	0	%100
53	MP5C	X	9.856	9.856	0	%100
54	MP5C	Z	0	0	0	%100
55	M90	X	1.556	1.556	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	9.856	9.856	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	9.856	9.856	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	9.856	9.856	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	9.856	9.856	0	%100
64	MP4B	Z	0	0	0	%100
65	MP5B	X	9.856	9.856	0	%100
66	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M76A	X	8.949	8.949	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	8.949	8.949	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	0	0	0	%100
73	M85	X	9.945	9.945	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	0	0	0	%100
77	M87A	X	9.945	9.945	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	18.291	18.291	0	%100
80	M88A	Z	0	0	0	%100
81	M89	X	9.586	9.586	0	%100
82	M89	Z	0	0	0	%100
83	M90A	X	9.586	9.586	0	%100
84	M90A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	8.985	8.985	0	%100
2	FACE	Z	5.188	5.188	0	%100
3	M76	X	11.168	11.168	0	%100
4	M76	Z	6.448	6.448	0	%100
5	M77	X	5.154	5.154	0	%100
6	M77	Z	2.976	2.976	0	%100
7	M78	X	3.145	3.145	0	%100
8	M78	Z	1.816	1.816	0	%100
9	M79	X	3.145	3.145	0	%100
10	M79	Z	1.816	1.816	0	%100
11	M84	X	.449	.449	0	%100
12	M84	Z	.259	.259	0	%100
13	MP1A	X	8.536	8.536	0	%100
14	MP1A	Z	4.928	4.928	0	%100
15	M13	X	11.168	11.168	0	%100
16	M13	Z	6.448	6.448	0	%100
17	M14	X	5.154	5.154	0	%100
18	M14	Z	2.976	2.976	0	%100
19	M15	X	3.145	3.145	0	%100
20	M15	Z	1.816	1.816	0	%100
21	M16	X	3.145	3.145	0	%100
22	M16	Z	1.816	1.816	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	20.616	20.616	0	%100
26	M23	Z	11.903	11.903	0	%100
27	M24	X	12.579	12.579	0	%100
28	M24	Z	7.263	7.263	0	%100
29	M25	X	12.579	12.579	0	%100
30	M25	Z	7.263	7.263	0	%100
31	M31	X	8.985	8.985	0	%100
32	M31	Z	5.188	5.188	0	%100
33	M61	X	35.941	35.941	0	%100
34	M61	Z	20.75	20.75	0	%100
35	MP2A	X	8.536	8.536	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	MP2A	Z	4.928	4.928	0	%100
37	MP3A	X	8.536	8.536	0	%100
38	MP3A	Z	4.928	4.928	0	%100
39	MP4A	X	8.536	8.536	0	%100
40	MP4A	Z	4.928	4.928	0	%100
41	MP5A	X	8.536	8.536	0	%100
42	MP5A	Z	4.928	4.928	0	%100
43	M50	X	.449	.449	0	%100
44	M50	Z	.259	.259	0	%100
45	MP1C	X	8.536	8.536	0	%100
46	MP1C	Z	4.928	4.928	0	%100
47	MP2C	X	8.536	8.536	0	%100
48	MP2C	Z	4.928	4.928	0	%100
49	MP3C	X	8.536	8.536	0	%100
50	MP3C	Z	4.928	4.928	0	%100
51	MP4C	X	8.536	8.536	0	%100
52	MP4C	Z	4.928	4.928	0	%100
53	MP5C	X	8.536	8.536	0	%100
54	MP5C	Z	4.928	4.928	0	%100
55	M90	X	1.797	1.797	0	%100
56	M90	Z	1.038	1.038	0	%100
57	MP1B	X	8.536	8.536	0	%100
58	MP1B	Z	4.928	4.928	0	%100
59	MP2B	X	8.536	8.536	0	%100
60	MP2B	Z	4.928	4.928	0	%100
61	MP3B	X	8.536	8.536	0	%100
62	MP3B	Z	4.928	4.928	0	%100
63	MP4B	X	8.536	8.536	0	%100
64	MP4B	Z	4.928	4.928	0	%100
65	MP5B	X	8.536	8.536	0	%100
66	MP5B	Z	4.928	4.928	0	%100
67	M76A	X	10.333	10.333	0	%100
68	M76A	Z	5.966	5.966	0	%100
69	M77B	X	2.583	2.583	0	%100
70	M77B	Z	1.491	1.491	0	%100
71	M78A	X	2.583	2.583	0	%100
72	M78A	Z	1.491	1.491	0	%100
73	M85	X	2.871	2.871	0	%100
74	M85	Z	1.657	1.657	0	%100
75	M86	X	2.871	2.871	0	%100
76	M86	Z	1.657	1.657	0	%100
77	M87A	X	11.483	11.483	0	%100
78	M87A	Z	6.63	6.63	0	%100
79	M88A	X	13.328	13.328	0	%100
80	M88A	Z	7.695	7.695	0	%100
81	M89	X	13.328	13.328	0	%100
82	M89	Z	7.695	7.695	0	%100
83	M90A	X	5.789	5.789	0	%100
84	M90A	Z	3.342	3.342	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	15.563	15.563	0	%100
2	FACE	Z	26.956	26.956	0	%100
3	M76	X	2.149	2.149	0	%100
4	M76	Z	3.723	3.723	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	M77	X	8.927	8.927	0	%100
6	M77	Z	15.462	15.462	0	%100
7	M78	X	5.447	5.447	0	%100
8	M78	Z	9.434	9.434	0	%100
9	M79	X	5.447	5.447	0	%100
10	M79	Z	9.434	9.434	0	%100
11	M84	X	.778	.778	0	%100
12	M84	Z	1.348	1.348	0	%100
13	MP1A	X	4.928	4.928	0	%100
14	MP1A	Z	8.536	8.536	0	%100
15	M13	X	8.597	8.597	0	%100
16	M13	Z	14.89	14.89	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	2.149	2.149	0	%100
24	M22	Z	3.723	3.723	0	%100
25	M23	X	8.927	8.927	0	%100
26	M23	Z	15.462	15.462	0	%100
27	M24	X	5.447	5.447	0	%100
28	M24	Z	9.434	9.434	0	%100
29	M25	X	5.447	5.447	0	%100
30	M25	Z	9.434	9.434	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	15.563	15.563	0	%100
34	M61	Z	26.956	26.956	0	%100
35	MP2A	X	4.928	4.928	0	%100
36	MP2A	Z	8.536	8.536	0	%100
37	MP3A	X	4.928	4.928	0	%100
38	MP3A	Z	8.536	8.536	0	%100
39	MP4A	X	4.928	4.928	0	%100
40	MP4A	Z	8.536	8.536	0	%100
41	MP5A	X	4.928	4.928	0	%100
42	MP5A	Z	8.536	8.536	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	4.928	4.928	0	%100
46	MP1C	Z	8.536	8.536	0	%100
47	MP2C	X	4.928	4.928	0	%100
48	MP2C	Z	8.536	8.536	0	%100
49	MP3C	X	4.928	4.928	0	%100
50	MP3C	Z	8.536	8.536	0	%100
51	MP4C	X	4.928	4.928	0	%100
52	MP4C	Z	8.536	8.536	0	%100
53	MP5C	X	4.928	4.928	0	%100
54	MP5C	Z	8.536	8.536	0	%100
55	M90	X	.778	.778	0	%100
56	M90	Z	1.348	1.348	0	%100
57	MP1B	X	4.928	4.928	0	%100
58	MP1B	Z	8.536	8.536	0	%100
59	MP2B	X	4.928	4.928	0	%100
60	MP2B	Z	8.536	8.536	0	%100
61	MP3B	X	4.928	4.928	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	MP3B	Z	8.536	8.536	0	%100
63	MP4B	X	4.928	4.928	0	%100
64	MP4B	Z	8.536	8.536	0	%100
65	MP5B	X	4.928	4.928	0	%100
66	MP5B	Z	8.536	8.536	0	%100
67	M76A	X	4.474	4.474	0	%100
68	M76A	Z	7.75	7.75	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	4.474	4.474	0	%100
72	M78A	Z	7.75	7.75	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	4.972	4.972	0	%100
76	M86	Z	8.612	8.612	0	%100
77	M87A	X	4.972	4.972	0	%100
78	M87A	Z	8.612	8.612	0	%100
79	M88A	X	4.793	4.793	0	%100
80	M88A	Z	8.302	8.302	0	%100
81	M89	X	9.146	9.146	0	%100
82	M89	Z	15.841	15.841	0	%100
83	M90A	X	4.793	4.793	0	%100
84	M90A	Z	8.302	8.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	41.501	41.501	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	23.805	23.805	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	14.525	14.525	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	14.525	14.525	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	2.075	2.075	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	9.856	9.856	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	12.895	12.895	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	5.951	5.951	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	3.631	3.631	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	3.631	3.631	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	12.895	12.895	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	5.951	5.951	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	3.631	3.631	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	3.631	3.631	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M31	X	0	0	0	%100
32	M31	Z	10.375	10.375	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	10.375	10.375	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	9.856	9.856	0	%100
37	MP3A	X	0	0	0	%100
38	MP3A	Z	9.856	9.856	0	%100
39	MP4A	X	0	0	0	%100
40	MP4A	Z	9.856	9.856	0	%100
41	MP5A	X	0	0	0	%100
42	MP5A	Z	9.856	9.856	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	.519	.519	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	9.856	9.856	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	9.856	9.856	0	%100
49	MP3C	X	0	0	0	%100
50	MP3C	Z	9.856	9.856	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	9.856	9.856	0	%100
53	MP5C	X	0	0	0	%100
54	MP5C	Z	9.856	9.856	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	.519	.519	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	9.856	9.856	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	9.856	9.856	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	9.856	9.856	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	9.856	9.856	0	%100
65	MP5B	X	0	0	0	%100
66	MP5B	Z	9.856	9.856	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	2.983	2.983	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	2.983	2.983	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	11.932	11.932	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	3.315	3.315	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	13.259	13.259	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	3.315	3.315	0	%100
79	M88A	X	0	0	0	%100
80	M88A	Z	6.684	6.684	0	%100
81	M89	X	0	0	0	%100
82	M89	Z	15.389	15.389	0	%100
83	M90A	X	0	0	0	%100
84	M90A	Z	15.389	15.389	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-15.563	-15.563	0	%100
2	FACE	Z	26.956	26.956	0	%100
3	M76	X	-2.149	-2.149	0	%100
4	M76	Z	3.723	3.723	0	%100
5	M77	X	-8.927	-8.927	0	%100
6	M77	Z	15.462	15.462	0	%100
7	M78	X	-5.447	-5.447	0	%100
8	M78	Z	9.434	9.434	0	%100
9	M79	X	-5.447	-5.447	0	%100
10	M79	Z	9.434	9.434	0	%100
11	M84	X	-.778	-.778	0	%100
12	M84	Z	1.348	1.348	0	%100
13	MP1A	X	-4.928	-4.928	0	%100
14	MP1A	Z	8.536	8.536	0	%100
15	M13	X	-2.149	-2.149	0	%100
16	M13	Z	3.723	3.723	0	%100
17	M14	X	-8.927	-8.927	0	%100
18	M14	Z	15.462	15.462	0	%100
19	M15	X	-5.447	-5.447	0	%100
20	M15	Z	9.434	9.434	0	%100
21	M16	X	-5.447	-5.447	0	%100
22	M16	Z	9.434	9.434	0	%100
23	M22	X	-8.597	-8.597	0	%100
24	M22	Z	14.89	14.89	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	-15.563	-15.563	0	%100
32	M31	Z	26.956	26.956	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	-4.928	-4.928	0	%100
36	MP2A	Z	8.536	8.536	0	%100
37	MP3A	X	-4.928	-4.928	0	%100
38	MP3A	Z	8.536	8.536	0	%100
39	MP4A	X	-4.928	-4.928	0	%100
40	MP4A	Z	8.536	8.536	0	%100
41	MP5A	X	-4.928	-4.928	0	%100
42	MP5A	Z	8.536	8.536	0	%100
43	M50	X	-.778	-.778	0	%100
44	M50	Z	1.348	1.348	0	%100
45	MP1C	X	-4.928	-4.928	0	%100
46	MP1C	Z	8.536	8.536	0	%100
47	MP2C	X	-4.928	-4.928	0	%100
48	MP2C	Z	8.536	8.536	0	%100
49	MP3C	X	-4.928	-4.928	0	%100
50	MP3C	Z	8.536	8.536	0	%100
51	MP4C	X	-4.928	-4.928	0	%100
52	MP4C	Z	8.536	8.536	0	%100
53	MP5C	X	-4.928	-4.928	0	%100
54	MP5C	Z	8.536	8.536	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	-4.928	-4.928	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP1B	Z	8.536	8.536	0	%100
59	MP2B	X	-4.928	-4.928	0	%100
60	MP2B	Z	8.536	8.536	0	%100
61	MP3B	X	-4.928	-4.928	0	%100
62	MP3B	Z	8.536	8.536	0	%100
63	MP4B	X	-4.928	-4.928	0	%100
64	MP4B	Z	8.536	8.536	0	%100
65	MP5B	X	-4.928	-4.928	0	%100
66	MP5B	Z	8.536	8.536	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	-4.474	-4.474	0	%100
70	M77B	Z	7.75	7.75	0	%100
71	M78A	X	-4.474	-4.474	0	%100
72	M78A	Z	7.75	7.75	0	%100
73	M85	X	-4.972	-4.972	0	%100
74	M85	Z	8.612	8.612	0	%100
75	M86	X	-4.972	-4.972	0	%100
76	M86	Z	8.612	8.612	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	-4.793	-4.793	0	%100
80	M88A	Z	8.302	8.302	0	%100
81	M89	X	-4.793	-4.793	0	%100
82	M89	Z	8.302	8.302	0	%100
83	M90A	X	-9.146	-9.146	0	%100
84	M90A	Z	15.841	15.841	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-8.985	-8.985	0	%100
2	FACE	Z	5.188	5.188	0	%100
3	M76	X	-11.168	-11.168	0	%100
4	M76	Z	6.448	6.448	0	%100
5	M77	X	-5.154	-5.154	0	%100
6	M77	Z	2.976	2.976	0	%100
7	M78	X	-3.145	-3.145	0	%100
8	M78	Z	1.816	1.816	0	%100
9	M79	X	-3.145	-3.145	0	%100
10	M79	Z	1.816	1.816	0	%100
11	M84	X	-.449	-.449	0	%100
12	M84	Z	.259	.259	0	%100
13	MP1A	X	-8.536	-8.536	0	%100
14	MP1A	Z	4.928	4.928	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-20.616	-20.616	0	%100
18	M14	Z	11.903	11.903	0	%100
19	M15	X	-12.579	-12.579	0	%100
20	M15	Z	7.263	7.263	0	%100
21	M16	X	-12.579	-12.579	0	%100
22	M16	Z	7.263	7.263	0	%100
23	M22	X	-11.168	-11.168	0	%100
24	M22	Z	6.448	6.448	0	%100
25	M23	X	-5.154	-5.154	0	%100
26	M23	Z	2.976	2.976	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	M24	X	-3.145	-3.145	0	%100
28	M24	Z	1.816	1.816	0	%100
29	M25	X	-3.145	-3.145	0	%100
30	M25	Z	1.816	1.816	0	%100
31	M31	X	-35.941	-35.941	0	%100
32	M31	Z	20.75	20.75	0	%100
33	M61	X	-8.985	-8.985	0	%100
34	M61	Z	5.188	5.188	0	%100
35	MP2A	X	-8.536	-8.536	0	%100
36	MP2A	Z	4.928	4.928	0	%100
37	MP3A	X	-8.536	-8.536	0	%100
38	MP3A	Z	4.928	4.928	0	%100
39	MP4A	X	-8.536	-8.536	0	%100
40	MP4A	Z	4.928	4.928	0	%100
41	MP5A	X	-8.536	-8.536	0	%100
42	MP5A	Z	4.928	4.928	0	%100
43	M50	X	-1.797	-1.797	0	%100
44	M50	Z	1.038	1.038	0	%100
45	MP1C	X	-8.536	-8.536	0	%100
46	MP1C	Z	4.928	4.928	0	%100
47	MP2C	X	-8.536	-8.536	0	%100
48	MP2C	Z	4.928	4.928	0	%100
49	MP3C	X	-8.536	-8.536	0	%100
50	MP3C	Z	4.928	4.928	0	%100
51	MP4C	X	-8.536	-8.536	0	%100
52	MP4C	Z	4.928	4.928	0	%100
53	MP5C	X	-8.536	-8.536	0	%100
54	MP5C	Z	4.928	4.928	0	%100
55	M90	X	-.449	-.449	0	%100
56	M90	Z	.259	.259	0	%100
57	MP1B	X	-8.536	-8.536	0	%100
58	MP1B	Z	4.928	4.928	0	%100
59	MP2B	X	-8.536	-8.536	0	%100
60	MP2B	Z	4.928	4.928	0	%100
61	MP3B	X	-8.536	-8.536	0	%100
62	MP3B	Z	4.928	4.928	0	%100
63	MP4B	X	-8.536	-8.536	0	%100
64	MP4B	Z	4.928	4.928	0	%100
65	MP5B	X	-8.536	-8.536	0	%100
66	MP5B	Z	4.928	4.928	0	%100
67	M76A	X	-2.583	-2.583	0	%100
68	M76A	Z	1.491	1.491	0	%100
69	M77B	X	-10.333	-10.333	0	%100
70	M77B	Z	5.966	5.966	0	%100
71	M78A	X	-2.583	-2.583	0	%100
72	M78A	Z	1.491	1.491	0	%100
73	M85	X	-11.483	-11.483	0	%100
74	M85	Z	6.63	6.63	0	%100
75	M86	X	-2.871	-2.871	0	%100
76	M86	Z	1.657	1.657	0	%100
77	M87A	X	-2.871	-2.871	0	%100
78	M87A	Z	1.657	1.657	0	%100
79	M88A	X	-13.328	-13.328	0	%100
80	M88A	Z	7.695	7.695	0	%100
81	M89	X	-5.789	-5.789	0	%100
82	M89	Z	3.342	3.342	0	%100
83	M90A	X	-13.328	-13.328	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
84	M90A	Z	7.695	7.695	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M76	X	-17.194	-17.194	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	MP1A	X	-9.856	-9.856	0	%100
14	MP1A	Z	0	0	0	%100
15	M13	X	-4.298	-4.298	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-17.854	-17.854	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	-10.894	-10.894	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	-10.894	-10.894	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	-4.298	-4.298	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-17.854	-17.854	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	-10.894	-10.894	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	-10.894	-10.894	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	-31.126	-31.126	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	-31.126	-31.126	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	-9.856	-9.856	0	%100
36	MP2A	Z	0	0	0	%100
37	MP3A	X	-9.856	-9.856	0	%100
38	MP3A	Z	0	0	0	%100
39	MP4A	X	-9.856	-9.856	0	%100
40	MP4A	Z	0	0	0	%100
41	MP5A	X	-9.856	-9.856	0	%100
42	MP5A	Z	0	0	0	%100
43	M50	X	-1.556	-1.556	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	-9.856	-9.856	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	-9.856	-9.856	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3C	X	-9.856	-9.856	0	%100
50	MP3C	Z	0	0	0	%100
51	MP4C	X	-9.856	-9.856	0	%100
52	MP4C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	MP5C	X	-9.856	-9.856	0	%100
54	MP5C	Z	0	0	0	%100
55	M90	X	-1.556	-1.556	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	-9.856	-9.856	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	-9.856	-9.856	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	-9.856	-9.856	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	-9.856	-9.856	0	%100
64	MP4B	Z	0	0	0	%100
65	MP5B	X	-9.856	-9.856	0	%100
66	MP5B	Z	0	0	0	%100
67	M76A	X	-8.949	-8.949	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	-8.949	-8.949	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	0	0	0	%100
73	M85	X	-9.945	-9.945	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	0	0	0	%100
77	M87A	X	-9.945	-9.945	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	-18.291	-18.291	0	%100
80	M88A	Z	0	0	0	%100
81	M89	X	-9.586	-9.586	0	%100
82	M89	Z	0	0	0	%100
83	M90A	X	-9.586	-9.586	0	%100
84	M90A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-8.985	-8.985	0	%100
2	FACE	Z	-5.188	-5.188	0	%100
3	M76	X	-11.168	-11.168	0	%100
4	M76	Z	-6.448	-6.448	0	%100
5	M77	X	-5.154	-5.154	0	%100
6	M77	Z	-2.976	-2.976	0	%100
7	M78	X	-3.145	-3.145	0	%100
8	M78	Z	-1.816	-1.816	0	%100
9	M79	X	-3.145	-3.145	0	%100
10	M79	Z	-1.816	-1.816	0	%100
11	M84	X	-.449	-.449	0	%100
12	M84	Z	-.259	-.259	0	%100
13	MP1A	X	-8.536	-8.536	0	%100
14	MP1A	Z	-4.928	-4.928	0	%100
15	M13	X	-11.168	-11.168	0	%100
16	M13	Z	-6.448	-6.448	0	%100
17	M14	X	-5.154	-5.154	0	%100
18	M14	Z	-2.976	-2.976	0	%100
19	M15	X	-3.145	-3.145	0	%100
20	M15	Z	-1.816	-1.816	0	%100
21	M16	X	-3.145	-3.145	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M16	Z	-1.816	-1.816	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-20.616	-20.616	0	%100
26	M23	Z	-11.903	-11.903	0	%100
27	M24	X	-12.579	-12.579	0	%100
28	M24	Z	-7.263	-7.263	0	%100
29	M25	X	-12.579	-12.579	0	%100
30	M25	Z	-7.263	-7.263	0	%100
31	M31	X	-8.985	-8.985	0	%100
32	M31	Z	-5.188	-5.188	0	%100
33	M61	X	-35.941	-35.941	0	%100
34	M61	Z	-20.75	-20.75	0	%100
35	MP2A	X	-8.536	-8.536	0	%100
36	MP2A	Z	-4.928	-4.928	0	%100
37	MP3A	X	-8.536	-8.536	0	%100
38	MP3A	Z	-4.928	-4.928	0	%100
39	MP4A	X	-8.536	-8.536	0	%100
40	MP4A	Z	-4.928	-4.928	0	%100
41	MP5A	X	-8.536	-8.536	0	%100
42	MP5A	Z	-4.928	-4.928	0	%100
43	M50	X	-.449	-.449	0	%100
44	M50	Z	-.259	-.259	0	%100
45	MP1C	X	-8.536	-8.536	0	%100
46	MP1C	Z	-4.928	-4.928	0	%100
47	MP2C	X	-8.536	-8.536	0	%100
48	MP2C	Z	-4.928	-4.928	0	%100
49	MP3C	X	-8.536	-8.536	0	%100
50	MP3C	Z	-4.928	-4.928	0	%100
51	MP4C	X	-8.536	-8.536	0	%100
52	MP4C	Z	-4.928	-4.928	0	%100
53	MP5C	X	-8.536	-8.536	0	%100
54	MP5C	Z	-4.928	-4.928	0	%100
55	M90	X	-1.797	-1.797	0	%100
56	M90	Z	-1.038	-1.038	0	%100
57	MP1B	X	-8.536	-8.536	0	%100
58	MP1B	Z	-4.928	-4.928	0	%100
59	MP2B	X	-8.536	-8.536	0	%100
60	MP2B	Z	-4.928	-4.928	0	%100
61	MP3B	X	-8.536	-8.536	0	%100
62	MP3B	Z	-4.928	-4.928	0	%100
63	MP4B	X	-8.536	-8.536	0	%100
64	MP4B	Z	-4.928	-4.928	0	%100
65	MP5B	X	-8.536	-8.536	0	%100
66	MP5B	Z	-4.928	-4.928	0	%100
67	M76A	X	-10.333	-10.333	0	%100
68	M76A	Z	-5.966	-5.966	0	%100
69	M77B	X	-2.583	-2.583	0	%100
70	M77B	Z	-1.491	-1.491	0	%100
71	M78A	X	-2.583	-2.583	0	%100
72	M78A	Z	-1.491	-1.491	0	%100
73	M85	X	-2.871	-2.871	0	%100
74	M85	Z	-1.657	-1.657	0	%100
75	M86	X	-2.871	-2.871	0	%100
76	M86	Z	-1.657	-1.657	0	%100
77	M87A	X	-11.483	-11.483	0	%100
78	M87A	Z	-6.63	-6.63	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M88A	X	-13.328	-13.328	0	%100
80	M88A	Z	-7.695	-7.695	0	%100
81	M89	X	-13.328	-13.328	0	%100
82	M89	Z	-7.695	-7.695	0	%100
83	M90A	X	-5.789	-5.789	0	%100
84	M90A	Z	-3.342	-3.342	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-15.563	-15.563	0	%100
2	FACE	Z	-26.956	-26.956	0	%100
3	M76	X	-2.149	-2.149	0	%100
4	M76	Z	-3.723	-3.723	0	%100
5	M77	X	-8.927	-8.927	0	%100
6	M77	Z	-15.462	-15.462	0	%100
7	M78	X	-5.447	-5.447	0	%100
8	M78	Z	-9.434	-9.434	0	%100
9	M79	X	-5.447	-5.447	0	%100
10	M79	Z	-9.434	-9.434	0	%100
11	M84	X	-.778	-.778	0	%100
12	M84	Z	-1.348	-1.348	0	%100
13	MP1A	X	-4.928	-4.928	0	%100
14	MP1A	Z	-8.536	-8.536	0	%100
15	M13	X	-8.597	-8.597	0	%100
16	M13	Z	-14.89	-14.89	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	-2.149	-2.149	0	%100
24	M22	Z	-3.723	-3.723	0	%100
25	M23	X	-8.927	-8.927	0	%100
26	M23	Z	-15.462	-15.462	0	%100
27	M24	X	-5.447	-5.447	0	%100
28	M24	Z	-9.434	-9.434	0	%100
29	M25	X	-5.447	-5.447	0	%100
30	M25	Z	-9.434	-9.434	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	-15.563	-15.563	0	%100
34	M61	Z	-26.956	-26.956	0	%100
35	MP2A	X	-4.928	-4.928	0	%100
36	MP2A	Z	-8.536	-8.536	0	%100
37	MP3A	X	-4.928	-4.928	0	%100
38	MP3A	Z	-8.536	-8.536	0	%100
39	MP4A	X	-4.928	-4.928	0	%100
40	MP4A	Z	-8.536	-8.536	0	%100
41	MP5A	X	-4.928	-4.928	0	%100
42	MP5A	Z	-8.536	-8.536	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	-4.928	-4.928	0	%100
46	MP1C	Z	-8.536	-8.536	0	%100
47	MP2C	X	-4.928	-4.928	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	MP2C	Z	-8.536	-8.536	0	%100
49	MP3C	X	-4.928	-4.928	0	%100
50	MP3C	Z	-8.536	-8.536	0	%100
51	MP4C	X	-4.928	-4.928	0	%100
52	MP4C	Z	-8.536	-8.536	0	%100
53	MP5C	X	-4.928	-4.928	0	%100
54	MP5C	Z	-8.536	-8.536	0	%100
55	M90	X	-.778	-.778	0	%100
56	M90	Z	-1.348	-1.348	0	%100
57	MP1B	X	-4.928	-4.928	0	%100
58	MP1B	Z	-8.536	-8.536	0	%100
59	MP2B	X	-4.928	-4.928	0	%100
60	MP2B	Z	-8.536	-8.536	0	%100
61	MP3B	X	-4.928	-4.928	0	%100
62	MP3B	Z	-8.536	-8.536	0	%100
63	MP4B	X	-4.928	-4.928	0	%100
64	MP4B	Z	-8.536	-8.536	0	%100
65	MP5B	X	-4.928	-4.928	0	%100
66	MP5B	Z	-8.536	-8.536	0	%100
67	M76A	X	-4.474	-4.474	0	%100
68	M76A	Z	-7.75	-7.75	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	-4.474	-4.474	0	%100
72	M78A	Z	-7.75	-7.75	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	-4.972	-4.972	0	%100
76	M86	Z	-8.612	-8.612	0	%100
77	M87A	X	-4.972	-4.972	0	%100
78	M87A	Z	-8.612	-8.612	0	%100
79	M88A	X	-4.793	-4.793	0	%100
80	M88A	Z	-8.302	-8.302	0	%100
81	M89	X	-9.146	-9.146	0	%100
82	M89	Z	-15.841	-15.841	0	%100
83	M90A	X	-4.793	-4.793	0	%100
84	M90A	Z	-8.302	-8.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	-10.041	-10.041	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	-6.582	-6.582	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	-4.118	-4.118	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	-4.118	-4.118	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	-2.002	-2.002	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-4.359	-4.359	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-4.155	-4.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M14	X	0	0	0	%100
18	M14	Z	-1.646	-1.646	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	-1.03	-1.03	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	-1.03	-1.03	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-4.155	-4.155	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-1.646	-1.646	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-1.03	-1.03	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-1.03	-1.03	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	-2.51	-2.51	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	-2.51	-2.51	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-4.071	-4.071	0	%100
37	MP3A	X	0	0	0	%100
38	MP3A	Z	-4.359	-4.359	0	%100
39	MP4A	X	0	0	0	%100
40	MP4A	Z	-4.359	-4.359	0	%100
41	MP5A	X	0	0	0	%100
42	MP5A	Z	-4.359	-4.359	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	-.501	-.501	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-4.359	-4.359	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	-4.071	-4.071	0	%100
49	MP3C	X	0	0	0	%100
50	MP3C	Z	-4.359	-4.359	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	-4.359	-4.359	0	%100
53	MP5C	X	0	0	0	%100
54	MP5C	Z	-4.359	-4.359	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	-.501	-.501	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	-4.359	-4.359	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	-4.071	-4.071	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	-4.359	-4.359	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	-4.359	-4.359	0	%100
65	MP5B	X	0	0	0	%100
66	MP5B	Z	-4.359	-4.359	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	-1.183	-1.183	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	-1.183	-1.183	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	-4.732	-4.732	0	%100
73	M85	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M85	Z	-.987	-.987	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	-3.947	-3.947	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	-.987	-.987	0	%100
79	M88A	X	0	0	0	%100
80	M88A	Z	-1.626	-1.626	0	%100
81	M89	X	0	0	0	%100
82	M89	Z	-4.468	-4.468	0	%100
83	M90A	X	0	0	0	%100
84	M90A	Z	-4.468	-4.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	3.765	3.765	0	%100
2	FACE	Z	-6.522	-6.522	0	%100
3	M76	X	.693	.693	0	%100
4	M76	Z	-1.199	-1.199	0	%100
5	M77	X	2.468	2.468	0	%100
6	M77	Z	-4.275	-4.275	0	%100
7	M78	X	1.544	1.544	0	%100
8	M78	Z	-2.675	-2.675	0	%100
9	M79	X	1.544	1.544	0	%100
10	M79	Z	-2.675	-2.675	0	%100
11	M84	X	.751	.751	0	%100
12	M84	Z	-1.301	-1.301	0	%100
13	MP1A	X	2.18	2.18	0	%100
14	MP1A	Z	-3.775	-3.775	0	%100
15	M13	X	.693	.693	0	%100
16	M13	Z	-1.199	-1.199	0	%100
17	M14	X	2.468	2.468	0	%100
18	M14	Z	-4.275	-4.275	0	%100
19	M15	X	1.544	1.544	0	%100
20	M15	Z	-2.675	-2.675	0	%100
21	M16	X	1.544	1.544	0	%100
22	M16	Z	-2.675	-2.675	0	%100
23	M22	X	2.77	2.77	0	%100
24	M22	Z	-4.798	-4.798	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	3.765	3.765	0	%100
32	M31	Z	-6.522	-6.522	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	2.035	2.035	0	%100
36	MP2A	Z	-3.526	-3.526	0	%100
37	MP3A	X	2.18	2.18	0	%100
38	MP3A	Z	-3.775	-3.775	0	%100
39	MP4A	X	2.18	2.18	0	%100
40	MP4A	Z	-3.775	-3.775	0	%100
41	MP5A	X	2.18	2.18	0	%100
42	MP5A	Z	-3.775	-3.775	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M50	X	.751	.751	0	%100
44	M50	Z	-1.301	-1.301	0	%100
45	MP1C	X	2.18	2.18	0	%100
46	MP1C	Z	-3.775	-3.775	0	%100
47	MP2C	X	2.035	2.035	0	%100
48	MP2C	Z	-3.526	-3.526	0	%100
49	MP3C	X	2.18	2.18	0	%100
50	MP3C	Z	-3.775	-3.775	0	%100
51	MP4C	X	2.18	2.18	0	%100
52	MP4C	Z	-3.775	-3.775	0	%100
53	MP5C	X	2.18	2.18	0	%100
54	MP5C	Z	-3.775	-3.775	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	2.18	2.18	0	%100
58	MP1B	Z	-3.775	-3.775	0	%100
59	MP2B	X	2.035	2.035	0	%100
60	MP2B	Z	-3.526	-3.526	0	%100
61	MP3B	X	2.18	2.18	0	%100
62	MP3B	Z	-3.775	-3.775	0	%100
63	MP4B	X	2.18	2.18	0	%100
64	MP4B	Z	-3.775	-3.775	0	%100
65	MP5B	X	2.18	2.18	0	%100
66	MP5B	Z	-3.775	-3.775	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	1.774	1.774	0	%100
70	M77B	Z	-3.073	-3.073	0	%100
71	M78A	X	1.774	1.774	0	%100
72	M78A	Z	-3.073	-3.073	0	%100
73	M85	X	1.48	1.48	0	%100
74	M85	Z	-2.564	-2.564	0	%100
75	M86	X	1.48	1.48	0	%100
76	M86	Z	-2.564	-2.564	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	1.287	1.287	0	%100
80	M88A	Z	-2.229	-2.229	0	%100
81	M89	X	1.287	1.287	0	%100
82	M89	Z	-2.229	-2.229	0	%100
83	M90A	X	2.708	2.708	0	%100
84	M90A	Z	-4.69	-4.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	2.174	2.174	0	%100
2	FACE	Z	-1.255	-1.255	0	%100
3	M76	X	3.598	3.598	0	%100
4	M76	Z	-2.078	-2.078	0	%100
5	M77	X	1.425	1.425	0	%100
6	M77	Z	-.823	-.823	0	%100
7	M78	X	.892	.892	0	%100
8	M78	Z	-.515	-.515	0	%100
9	M79	X	.892	.892	0	%100
10	M79	Z	-.515	-.515	0	%100
11	M84	X	.434	.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
12	M84	Z	-.25	-.25	0	%100
13	MP1A	X	3.775	3.775	0	%100
14	MP1A	Z	-2.18	-2.18	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	5.7	5.7	0	%100
18	M14	Z	-3.291	-3.291	0	%100
19	M15	X	3.567	3.567	0	%100
20	M15	Z	-2.059	-2.059	0	%100
21	M16	X	3.567	3.567	0	%100
22	M16	Z	-2.059	-2.059	0	%100
23	M22	X	3.598	3.598	0	%100
24	M22	Z	-2.078	-2.078	0	%100
25	M23	X	1.425	1.425	0	%100
26	M23	Z	-.823	-.823	0	%100
27	M24	X	.892	.892	0	%100
28	M24	Z	-.515	-.515	0	%100
29	M25	X	.892	.892	0	%100
30	M25	Z	-.515	-.515	0	%100
31	M31	X	8.695	8.695	0	%100
32	M31	Z	-5.02	-5.02	0	%100
33	M61	X	2.174	2.174	0	%100
34	M61	Z	-1.255	-1.255	0	%100
35	MP2A	X	3.526	3.526	0	%100
36	MP2A	Z	-2.035	-2.035	0	%100
37	MP3A	X	3.775	3.775	0	%100
38	MP3A	Z	-2.18	-2.18	0	%100
39	MP4A	X	3.775	3.775	0	%100
40	MP4A	Z	-2.18	-2.18	0	%100
41	MP5A	X	3.775	3.775	0	%100
42	MP5A	Z	-2.18	-2.18	0	%100
43	M50	X	1.734	1.734	0	%100
44	M50	Z	-1.001	-1.001	0	%100
45	MP1C	X	3.775	3.775	0	%100
46	MP1C	Z	-2.18	-2.18	0	%100
47	MP2C	X	3.526	3.526	0	%100
48	MP2C	Z	-2.035	-2.035	0	%100
49	MP3C	X	3.775	3.775	0	%100
50	MP3C	Z	-2.18	-2.18	0	%100
51	MP4C	X	3.775	3.775	0	%100
52	MP4C	Z	-2.18	-2.18	0	%100
53	MP5C	X	3.775	3.775	0	%100
54	MP5C	Z	-2.18	-2.18	0	%100
55	M90	X	.434	.434	0	%100
56	M90	Z	-.25	-.25	0	%100
57	MP1B	X	3.775	3.775	0	%100
58	MP1B	Z	-2.18	-2.18	0	%100
59	MP2B	X	3.526	3.526	0	%100
60	MP2B	Z	-2.035	-2.035	0	%100
61	MP3B	X	3.775	3.775	0	%100
62	MP3B	Z	-2.18	-2.18	0	%100
63	MP4B	X	3.775	3.775	0	%100
64	MP4B	Z	-2.18	-2.18	0	%100
65	MP5B	X	3.775	3.775	0	%100
66	MP5B	Z	-2.18	-2.18	0	%100
67	M76A	X	1.024	1.024	0	%100
68	M76A	Z	-.591	-.591	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M77B	X	4.098	4.098	0	%100
70	M77B	Z	-2.366	-2.366	0	%100
71	M78A	X	1.024	1.024	0	%100
72	M78A	Z	-.591	-.591	0	%100
73	M85	X	3.419	3.419	0	%100
74	M85	Z	-1.974	-1.974	0	%100
75	M86	X	.855	.855	0	%100
76	M86	Z	-.493	-.493	0	%100
77	M87A	X	.855	.855	0	%100
78	M87A	Z	-.493	-.493	0	%100
79	M88A	X	3.869	3.869	0	%100
80	M88A	Z	-2.234	-2.234	0	%100
81	M89	X	1.408	1.408	0	%100
82	M89	Z	-.813	-.813	0	%100
83	M90A	X	3.869	3.869	0	%100
84	M90A	Z	-2.234	-2.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M76	X	5.54	5.54	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	MP1A	X	4.359	4.359	0	%100
14	MP1A	Z	0	0	0	%100
15	M13	X	1.385	1.385	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	4.937	4.937	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	3.089	3.089	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	3.089	3.089	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	1.385	1.385	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	4.937	4.937	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	3.089	3.089	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	3.089	3.089	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	7.531	7.531	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	7.531	7.531	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	4.071	4.071	0	%100
36	MP2A	Z	0	0	0	%100
37	MP3A	X	4.359	4.359	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	MP3A	Z	0	0	0	%100
39	MP4A	X	4.359	4.359	0	%100
40	MP4A	Z	0	0	0	%100
41	MP5A	X	4.359	4.359	0	%100
42	MP5A	Z	0	0	0	%100
43	M50	X	1.502	1.502	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	4.359	4.359	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	4.071	4.071	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3C	X	4.359	4.359	0	%100
50	MP3C	Z	0	0	0	%100
51	MP4C	X	4.359	4.359	0	%100
52	MP4C	Z	0	0	0	%100
53	MP5C	X	4.359	4.359	0	%100
54	MP5C	Z	0	0	0	%100
55	M90	X	1.502	1.502	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	4.359	4.359	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	4.071	4.071	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	4.359	4.359	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	4.359	4.359	0	%100
64	MP4B	Z	0	0	0	%100
65	MP5B	X	4.359	4.359	0	%100
66	MP5B	Z	0	0	0	%100
67	M76A	X	3.549	3.549	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	3.549	3.549	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	0	0	0	%100
73	M85	X	2.961	2.961	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	0	0	0	%100
77	M87A	X	2.961	2.961	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	5.415	5.415	0	%100
80	M88A	Z	0	0	0	%100
81	M89	X	2.574	2.574	0	%100
82	M89	Z	0	0	0	%100
83	M90A	X	2.574	2.574	0	%100
84	M90A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	2.174	2.174	0	%100
2	FACE	Z	1.255	1.255	0	%100
3	M76	X	3.598	3.598	0	%100
4	M76	Z	2.078	2.078	0	%100
5	M77	X	1.425	1.425	0	%100
6	M77	Z	.823	.823	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M78	X	.892	.892	0	%100
8	M78	Z	.515	.515	0	%100
9	M79	X	.892	.892	0	%100
10	M79	Z	.515	.515	0	%100
11	M84	X	.434	.434	0	%100
12	M84	Z	.25	.25	0	%100
13	MP1A	X	3.775	3.775	0	%100
14	MP1A	Z	2.18	2.18	0	%100
15	M13	X	3.598	3.598	0	%100
16	M13	Z	2.078	2.078	0	%100
17	M14	X	1.425	1.425	0	%100
18	M14	Z	.823	.823	0	%100
19	M15	X	.892	.892	0	%100
20	M15	Z	.515	.515	0	%100
21	M16	X	.892	.892	0	%100
22	M16	Z	.515	.515	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	5.7	5.7	0	%100
26	M23	Z	3.291	3.291	0	%100
27	M24	X	3.567	3.567	0	%100
28	M24	Z	2.059	2.059	0	%100
29	M25	X	3.567	3.567	0	%100
30	M25	Z	2.059	2.059	0	%100
31	M31	X	2.174	2.174	0	%100
32	M31	Z	1.255	1.255	0	%100
33	M61	X	8.695	8.695	0	%100
34	M61	Z	5.02	5.02	0	%100
35	MP2A	X	3.526	3.526	0	%100
36	MP2A	Z	2.035	2.035	0	%100
37	MP3A	X	3.775	3.775	0	%100
38	MP3A	Z	2.18	2.18	0	%100
39	MP4A	X	3.775	3.775	0	%100
40	MP4A	Z	2.18	2.18	0	%100
41	MP5A	X	3.775	3.775	0	%100
42	MP5A	Z	2.18	2.18	0	%100
43	M50	X	.434	.434	0	%100
44	M50	Z	.25	.25	0	%100
45	MP1C	X	3.775	3.775	0	%100
46	MP1C	Z	2.18	2.18	0	%100
47	MP2C	X	3.526	3.526	0	%100
48	MP2C	Z	2.035	2.035	0	%100
49	MP3C	X	3.775	3.775	0	%100
50	MP3C	Z	2.18	2.18	0	%100
51	MP4C	X	3.775	3.775	0	%100
52	MP4C	Z	2.18	2.18	0	%100
53	MP5C	X	3.775	3.775	0	%100
54	MP5C	Z	2.18	2.18	0	%100
55	M90	X	1.734	1.734	0	%100
56	M90	Z	1.001	1.001	0	%100
57	MP1B	X	3.775	3.775	0	%100
58	MP1B	Z	2.18	2.18	0	%100
59	MP2B	X	3.526	3.526	0	%100
60	MP2B	Z	2.035	2.035	0	%100
61	MP3B	X	3.775	3.775	0	%100
62	MP3B	Z	2.18	2.18	0	%100
63	MP4B	X	3.775	3.775	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	MP4B	Z	2.18	2.18	0	%100
65	MP5B	X	3.775	3.775	0	%100
66	MP5B	Z	2.18	2.18	0	%100
67	M76A	X	4.098	4.098	0	%100
68	M76A	Z	2.366	2.366	0	%100
69	M77B	X	1.024	1.024	0	%100
70	M77B	Z	.591	.591	0	%100
71	M78A	X	1.024	1.024	0	%100
72	M78A	Z	.591	.591	0	%100
73	M85	X	.855	.855	0	%100
74	M85	Z	.493	.493	0	%100
75	M86	X	.855	.855	0	%100
76	M86	Z	.493	.493	0	%100
77	M87A	X	3.419	3.419	0	%100
78	M87A	Z	1.974	1.974	0	%100
79	M88A	X	3.869	3.869	0	%100
80	M88A	Z	2.234	2.234	0	%100
81	M89	X	3.869	3.869	0	%100
82	M89	Z	2.234	2.234	0	%100
83	M90A	X	1.408	1.408	0	%100
84	M90A	Z	.813	.813	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	3.765	3.765	0	%100
2	FACE	Z	6.522	6.522	0	%100
3	M76	X	.693	.693	0	%100
4	M76	Z	1.199	1.199	0	%100
5	M77	X	2.468	2.468	0	%100
6	M77	Z	4.275	4.275	0	%100
7	M78	X	1.544	1.544	0	%100
8	M78	Z	2.675	2.675	0	%100
9	M79	X	1.544	1.544	0	%100
10	M79	Z	2.675	2.675	0	%100
11	M84	X	.751	.751	0	%100
12	M84	Z	1.301	1.301	0	%100
13	MP1A	X	2.18	2.18	0	%100
14	MP1A	Z	3.775	3.775	0	%100
15	M13	X	2.77	2.77	0	%100
16	M13	Z	4.798	4.798	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	.693	.693	0	%100
24	M22	Z	1.199	1.199	0	%100
25	M23	X	2.468	2.468	0	%100
26	M23	Z	4.275	4.275	0	%100
27	M24	X	1.544	1.544	0	%100
28	M24	Z	2.675	2.675	0	%100
29	M25	X	1.544	1.544	0	%100
30	M25	Z	2.675	2.675	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M61	X	3.765	3.765	0	%100
34	M61	Z	6.522	6.522	0	%100
35	MP2A	X	2.035	2.035	0	%100
36	MP2A	Z	3.526	3.526	0	%100
37	MP3A	X	2.18	2.18	0	%100
38	MP3A	Z	3.775	3.775	0	%100
39	MP4A	X	2.18	2.18	0	%100
40	MP4A	Z	3.775	3.775	0	%100
41	MP5A	X	2.18	2.18	0	%100
42	MP5A	Z	3.775	3.775	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	2.18	2.18	0	%100
46	MP1C	Z	3.775	3.775	0	%100
47	MP2C	X	2.035	2.035	0	%100
48	MP2C	Z	3.526	3.526	0	%100
49	MP3C	X	2.18	2.18	0	%100
50	MP3C	Z	3.775	3.775	0	%100
51	MP4C	X	2.18	2.18	0	%100
52	MP4C	Z	3.775	3.775	0	%100
53	MP5C	X	2.18	2.18	0	%100
54	MP5C	Z	3.775	3.775	0	%100
55	M90	X	.751	.751	0	%100
56	M90	Z	1.301	1.301	0	%100
57	MP1B	X	2.18	2.18	0	%100
58	MP1B	Z	3.775	3.775	0	%100
59	MP2B	X	2.035	2.035	0	%100
60	MP2B	Z	3.526	3.526	0	%100
61	MP3B	X	2.18	2.18	0	%100
62	MP3B	Z	3.775	3.775	0	%100
63	MP4B	X	2.18	2.18	0	%100
64	MP4B	Z	3.775	3.775	0	%100
65	MP5B	X	2.18	2.18	0	%100
66	MP5B	Z	3.775	3.775	0	%100
67	M76A	X	1.774	1.774	0	%100
68	M76A	Z	3.073	3.073	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	1.774	1.774	0	%100
72	M78A	Z	3.073	3.073	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	1.48	1.48	0	%100
76	M86	Z	2.564	2.564	0	%100
77	M87A	X	1.48	1.48	0	%100
78	M87A	Z	2.564	2.564	0	%100
79	M88A	X	1.287	1.287	0	%100
80	M88A	Z	2.229	2.229	0	%100
81	M89	X	2.708	2.708	0	%100
82	M89	Z	4.69	4.69	0	%100
83	M90A	X	1.287	1.287	0	%100
84	M90A	Z	2.229	2.229	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	FACE	Z	10.041	10.041	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	6.582	6.582	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	4.118	4.118	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	4.118	4.118	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	2.002	2.002	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	4.359	4.359	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	4.155	4.155	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	1.646	1.646	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	1.03	1.03	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	1.03	1.03	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	4.155	4.155	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	1.646	1.646	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	1.03	1.03	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	1.03	1.03	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	2.51	2.51	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	2.51	2.51	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	4.071	4.071	0	%100
37	MP3A	X	0	0	0	%100
38	MP3A	Z	4.359	4.359	0	%100
39	MP4A	X	0	0	0	%100
40	MP4A	Z	4.359	4.359	0	%100
41	MP5A	X	0	0	0	%100
42	MP5A	Z	4.359	4.359	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	.501	.501	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	4.359	4.359	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	4.071	4.071	0	%100
49	MP3C	X	0	0	0	%100
50	MP3C	Z	4.359	4.359	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	4.359	4.359	0	%100
53	MP5C	X	0	0	0	%100
54	MP5C	Z	4.359	4.359	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	.501	.501	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	4.359	4.359	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	MP2B	X	0	0	0	%100
60	MP2B	Z	4.071	4.071	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	4.359	4.359	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	4.359	4.359	0	%100
65	MP5B	X	0	0	0	%100
66	MP5B	Z	4.359	4.359	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	1.183	1.183	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	1.183	1.183	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	4.732	4.732	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	.987	.987	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	3.947	3.947	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	.987	.987	0	%100
79	M88A	X	0	0	0	%100
80	M88A	Z	1.626	1.626	0	%100
81	M89	X	0	0	0	%100
82	M89	Z	4.468	4.468	0	%100
83	M90A	X	0	0	0	%100
84	M90A	Z	4.468	4.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-3.765	-3.765	0	%100
2	FACE	Z	6.522	6.522	0	%100
3	M76	X	-.693	-.693	0	%100
4	M76	Z	1.199	1.199	0	%100
5	M77	X	-2.468	-2.468	0	%100
6	M77	Z	4.275	4.275	0	%100
7	M78	X	-1.544	-1.544	0	%100
8	M78	Z	2.675	2.675	0	%100
9	M79	X	-1.544	-1.544	0	%100
10	M79	Z	2.675	2.675	0	%100
11	M84	X	-.751	-.751	0	%100
12	M84	Z	1.301	1.301	0	%100
13	MP1A	X	-2.18	-2.18	0	%100
14	MP1A	Z	3.775	3.775	0	%100
15	M13	X	-.693	-.693	0	%100
16	M13	Z	1.199	1.199	0	%100
17	M14	X	-2.468	-2.468	0	%100
18	M14	Z	4.275	4.275	0	%100
19	M15	X	-1.544	-1.544	0	%100
20	M15	Z	2.675	2.675	0	%100
21	M16	X	-1.544	-1.544	0	%100
22	M16	Z	2.675	2.675	0	%100
23	M22	X	-2.77	-2.77	0	%100
24	M22	Z	4.798	4.798	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	-3.765	-3.765	0	%100
32	M31	Z	6.522	6.522	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	-2.035	-2.035	0	%100
36	MP2A	Z	3.526	3.526	0	%100
37	MP3A	X	-2.18	-2.18	0	%100
38	MP3A	Z	3.775	3.775	0	%100
39	MP4A	X	-2.18	-2.18	0	%100
40	MP4A	Z	3.775	3.775	0	%100
41	MP5A	X	-2.18	-2.18	0	%100
42	MP5A	Z	3.775	3.775	0	%100
43	M50	X	-.751	-.751	0	%100
44	M50	Z	1.301	1.301	0	%100
45	MP1C	X	-2.18	-2.18	0	%100
46	MP1C	Z	3.775	3.775	0	%100
47	MP2C	X	-2.035	-2.035	0	%100
48	MP2C	Z	3.526	3.526	0	%100
49	MP3C	X	-2.18	-2.18	0	%100
50	MP3C	Z	3.775	3.775	0	%100
51	MP4C	X	-2.18	-2.18	0	%100
52	MP4C	Z	3.775	3.775	0	%100
53	MP5C	X	-2.18	-2.18	0	%100
54	MP5C	Z	3.775	3.775	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	-2.18	-2.18	0	%100
58	MP1B	Z	3.775	3.775	0	%100
59	MP2B	X	-2.035	-2.035	0	%100
60	MP2B	Z	3.526	3.526	0	%100
61	MP3B	X	-2.18	-2.18	0	%100
62	MP3B	Z	3.775	3.775	0	%100
63	MP4B	X	-2.18	-2.18	0	%100
64	MP4B	Z	3.775	3.775	0	%100
65	MP5B	X	-2.18	-2.18	0	%100
66	MP5B	Z	3.775	3.775	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	-1.774	-1.774	0	%100
70	M77B	Z	3.073	3.073	0	%100
71	M78A	X	-1.774	-1.774	0	%100
72	M78A	Z	3.073	3.073	0	%100
73	M85	X	-1.48	-1.48	0	%100
74	M85	Z	2.564	2.564	0	%100
75	M86	X	-1.48	-1.48	0	%100
76	M86	Z	2.564	2.564	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	-1.287	-1.287	0	%100
80	M88A	Z	2.229	2.229	0	%100
81	M89	X	-1.287	-1.287	0	%100
82	M89	Z	2.229	2.229	0	%100
83	M90A	X	-2.708	-2.708	0	%100
84	M90A	Z	4.69	4.69	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-2.174	-2.174	0	%100
2	FACE	Z	1.255	1.255	0	%100
3	M76	X	-3.598	-3.598	0	%100
4	M76	Z	2.078	2.078	0	%100
5	M77	X	-1.425	-1.425	0	%100
6	M77	Z	.823	.823	0	%100
7	M78	X	-.892	-.892	0	%100
8	M78	Z	.515	.515	0	%100
9	M79	X	-.892	-.892	0	%100
10	M79	Z	.515	.515	0	%100
11	M84	X	-.434	-.434	0	%100
12	M84	Z	.25	.25	0	%100
13	MP1A	X	-3.775	-3.775	0	%100
14	MP1A	Z	2.18	2.18	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-5.7	-5.7	0	%100
18	M14	Z	3.291	3.291	0	%100
19	M15	X	-3.567	-3.567	0	%100
20	M15	Z	2.059	2.059	0	%100
21	M16	X	-3.567	-3.567	0	%100
22	M16	Z	2.059	2.059	0	%100
23	M22	X	-3.598	-3.598	0	%100
24	M22	Z	2.078	2.078	0	%100
25	M23	X	-1.425	-1.425	0	%100
26	M23	Z	.823	.823	0	%100
27	M24	X	-.892	-.892	0	%100
28	M24	Z	.515	.515	0	%100
29	M25	X	-.892	-.892	0	%100
30	M25	Z	.515	.515	0	%100
31	M31	X	-8.695	-8.695	0	%100
32	M31	Z	5.02	5.02	0	%100
33	M61	X	-2.174	-2.174	0	%100
34	M61	Z	1.255	1.255	0	%100
35	MP2A	X	-3.526	-3.526	0	%100
36	MP2A	Z	2.035	2.035	0	%100
37	MP3A	X	-3.775	-3.775	0	%100
38	MP3A	Z	2.18	2.18	0	%100
39	MP4A	X	-3.775	-3.775	0	%100
40	MP4A	Z	2.18	2.18	0	%100
41	MP5A	X	-3.775	-3.775	0	%100
42	MP5A	Z	2.18	2.18	0	%100
43	M50	X	-1.734	-1.734	0	%100
44	M50	Z	1.001	1.001	0	%100
45	MP1C	X	-3.775	-3.775	0	%100
46	MP1C	Z	2.18	2.18	0	%100
47	MP2C	X	-3.526	-3.526	0	%100
48	MP2C	Z	2.035	2.035	0	%100
49	MP3C	X	-3.775	-3.775	0	%100
50	MP3C	Z	2.18	2.18	0	%100
51	MP4C	X	-3.775	-3.775	0	%100
52	MP4C	Z	2.18	2.18	0	%100
53	MP5C	X	-3.775	-3.775	0	%100
54	MP5C	Z	2.18	2.18	0	%100
55	M90	X	-.434	-.434	0	%100
56	M90	Z	.25	.25	0	%100
57	MP1B	X	-3.775	-3.775	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP1B	Z	2.18	2.18	0	%100
59	MP2B	X	-3.526	-3.526	0	%100
60	MP2B	Z	2.035	2.035	0	%100
61	MP3B	X	-3.775	-3.775	0	%100
62	MP3B	Z	2.18	2.18	0	%100
63	MP4B	X	-3.775	-3.775	0	%100
64	MP4B	Z	2.18	2.18	0	%100
65	MP5B	X	-3.775	-3.775	0	%100
66	MP5B	Z	2.18	2.18	0	%100
67	M76A	X	-1.024	-1.024	0	%100
68	M76A	Z	.591	.591	0	%100
69	M77B	X	-4.098	-4.098	0	%100
70	M77B	Z	2.366	2.366	0	%100
71	M78A	X	-1.024	-1.024	0	%100
72	M78A	Z	.591	.591	0	%100
73	M85	X	-3.419	-3.419	0	%100
74	M85	Z	1.974	1.974	0	%100
75	M86	X	-.855	-.855	0	%100
76	M86	Z	.493	.493	0	%100
77	M87A	X	-.855	-.855	0	%100
78	M87A	Z	.493	.493	0	%100
79	M88A	X	-3.869	-3.869	0	%100
80	M88A	Z	2.234	2.234	0	%100
81	M89	X	-1.408	-1.408	0	%100
82	M89	Z	.813	.813	0	%100
83	M90A	X	-3.869	-3.869	0	%100
84	M90A	Z	2.234	2.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M76	X	-5.54	-5.54	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	MP1A	X	-4.359	-4.359	0	%100
14	MP1A	Z	0	0	0	%100
15	M13	X	-1.385	-1.385	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-4.937	-4.937	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	-3.089	-3.089	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	-3.089	-3.089	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	-1.385	-1.385	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-4.937	-4.937	0	%100
26	M23	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	M24	X	-3.089	-3.089	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	-3.089	-3.089	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	-7.531	-7.531	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	-7.531	-7.531	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	-4.071	-4.071	0	%100
36	MP2A	Z	0	0	0	%100
37	MP3A	X	-4.359	-4.359	0	%100
38	MP3A	Z	0	0	0	%100
39	MP4A	X	-4.359	-4.359	0	%100
40	MP4A	Z	0	0	0	%100
41	MP5A	X	-4.359	-4.359	0	%100
42	MP5A	Z	0	0	0	%100
43	M50	X	-1.502	-1.502	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	-4.359	-4.359	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	-4.071	-4.071	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3C	X	-4.359	-4.359	0	%100
50	MP3C	Z	0	0	0	%100
51	MP4C	X	-4.359	-4.359	0	%100
52	MP4C	Z	0	0	0	%100
53	MP5C	X	-4.359	-4.359	0	%100
54	MP5C	Z	0	0	0	%100
55	M90	X	-1.502	-1.502	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	-4.359	-4.359	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	-4.071	-4.071	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	-4.359	-4.359	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	-4.359	-4.359	0	%100
64	MP4B	Z	0	0	0	%100
65	MP5B	X	-4.359	-4.359	0	%100
66	MP5B	Z	0	0	0	%100
67	M76A	X	-3.549	-3.549	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	-3.549	-3.549	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	0	0	0	%100
73	M85	X	-2.961	-2.961	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	0	0	0	%100
77	M87A	X	-2.961	-2.961	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	-5.415	-5.415	0	%100
80	M88A	Z	0	0	0	%100
81	M89	X	-2.574	-2.574	0	%100
82	M89	Z	0	0	0	%100
83	M90A	X	-2.574	-2.574	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
84	M90A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-2.174	-2.174	0	%100
2	FACE	Z	-1.255	-1.255	0	%100
3	M76	X	-3.598	-3.598	0	%100
4	M76	Z	-2.078	-2.078	0	%100
5	M77	X	-1.425	-1.425	0	%100
6	M77	Z	-.823	-.823	0	%100
7	M78	X	-.892	-.892	0	%100
8	M78	Z	-.515	-.515	0	%100
9	M79	X	-.892	-.892	0	%100
10	M79	Z	-.515	-.515	0	%100
11	M84	X	-.434	-.434	0	%100
12	M84	Z	-.25	-.25	0	%100
13	MP1A	X	-3.775	-3.775	0	%100
14	MP1A	Z	-2.18	-2.18	0	%100
15	M13	X	-3.598	-3.598	0	%100
16	M13	Z	-2.078	-2.078	0	%100
17	M14	X	-1.425	-1.425	0	%100
18	M14	Z	-.823	-.823	0	%100
19	M15	X	-.892	-.892	0	%100
20	M15	Z	-.515	-.515	0	%100
21	M16	X	-.892	-.892	0	%100
22	M16	Z	-.515	-.515	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-5.7	-5.7	0	%100
26	M23	Z	-3.291	-3.291	0	%100
27	M24	X	-3.567	-3.567	0	%100
28	M24	Z	-2.059	-2.059	0	%100
29	M25	X	-3.567	-3.567	0	%100
30	M25	Z	-2.059	-2.059	0	%100
31	M31	X	-2.174	-2.174	0	%100
32	M31	Z	-1.255	-1.255	0	%100
33	M61	X	-8.695	-8.695	0	%100
34	M61	Z	-5.02	-5.02	0	%100
35	MP2A	X	-3.526	-3.526	0	%100
36	MP2A	Z	-2.035	-2.035	0	%100
37	MP3A	X	-3.775	-3.775	0	%100
38	MP3A	Z	-2.18	-2.18	0	%100
39	MP4A	X	-3.775	-3.775	0	%100
40	MP4A	Z	-2.18	-2.18	0	%100
41	MP5A	X	-3.775	-3.775	0	%100
42	MP5A	Z	-2.18	-2.18	0	%100
43	M50	X	-.434	-.434	0	%100
44	M50	Z	-.25	-.25	0	%100
45	MP1C	X	-3.775	-3.775	0	%100
46	MP1C	Z	-2.18	-2.18	0	%100
47	MP2C	X	-3.526	-3.526	0	%100
48	MP2C	Z	-2.035	-2.035	0	%100
49	MP3C	X	-3.775	-3.775	0	%100
50	MP3C	Z	-2.18	-2.18	0	%100
51	MP4C	X	-3.775	-3.775	0	%100
52	MP4C	Z	-2.18	-2.18	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	MP5C	X	-3.775	-3.775	0	%100
54	MP5C	Z	-2.18	-2.18	0	%100
55	M90	X	-1.734	-1.734	0	%100
56	M90	Z	-1.001	-1.001	0	%100
57	MP1B	X	-3.775	-3.775	0	%100
58	MP1B	Z	-2.18	-2.18	0	%100
59	MP2B	X	-3.526	-3.526	0	%100
60	MP2B	Z	-2.035	-2.035	0	%100
61	MP3B	X	-3.775	-3.775	0	%100
62	MP3B	Z	-2.18	-2.18	0	%100
63	MP4B	X	-3.775	-3.775	0	%100
64	MP4B	Z	-2.18	-2.18	0	%100
65	MP5B	X	-3.775	-3.775	0	%100
66	MP5B	Z	-2.18	-2.18	0	%100
67	M76A	X	-4.098	-4.098	0	%100
68	M76A	Z	-2.366	-2.366	0	%100
69	M77B	X	-1.024	-1.024	0	%100
70	M77B	Z	-.591	-.591	0	%100
71	M78A	X	-1.024	-1.024	0	%100
72	M78A	Z	-.591	-.591	0	%100
73	M85	X	-.855	-.855	0	%100
74	M85	Z	-.493	-.493	0	%100
75	M86	X	-.855	-.855	0	%100
76	M86	Z	-.493	-.493	0	%100
77	M87A	X	-3.419	-3.419	0	%100
78	M87A	Z	-1.974	-1.974	0	%100
79	M88A	X	-3.869	-3.869	0	%100
80	M88A	Z	-2.234	-2.234	0	%100
81	M89	X	-3.869	-3.869	0	%100
82	M89	Z	-2.234	-2.234	0	%100
83	M90A	X	-1.408	-1.408	0	%100
84	M90A	Z	-.813	-.813	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-3.765	-3.765	0	%100
2	FACE	Z	-6.522	-6.522	0	%100
3	M76	X	-.693	-.693	0	%100
4	M76	Z	-1.199	-1.199	0	%100
5	M77	X	-2.468	-2.468	0	%100
6	M77	Z	-4.275	-4.275	0	%100
7	M78	X	-1.544	-1.544	0	%100
8	M78	Z	-2.675	-2.675	0	%100
9	M79	X	-1.544	-1.544	0	%100
10	M79	Z	-2.675	-2.675	0	%100
11	M84	X	-.751	-.751	0	%100
12	M84	Z	-1.301	-1.301	0	%100
13	MP1A	X	-2.18	-2.18	0	%100
14	MP1A	Z	-3.775	-3.775	0	%100
15	M13	X	-2.77	-2.77	0	%100
16	M13	Z	-4.798	-4.798	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M16	Z	0	0	0	%100
23	M22	X	-.693	-.693	0	%100
24	M22	Z	-1.199	-1.199	0	%100
25	M23	X	-2.468	-2.468	0	%100
26	M23	Z	-4.275	-4.275	0	%100
27	M24	X	-1.544	-1.544	0	%100
28	M24	Z	-2.675	-2.675	0	%100
29	M25	X	-1.544	-1.544	0	%100
30	M25	Z	-2.675	-2.675	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	-3.765	-3.765	0	%100
34	M61	Z	-6.522	-6.522	0	%100
35	MP2A	X	-2.035	-2.035	0	%100
36	MP2A	Z	-3.526	-3.526	0	%100
37	MP3A	X	-2.18	-2.18	0	%100
38	MP3A	Z	-3.775	-3.775	0	%100
39	MP4A	X	-2.18	-2.18	0	%100
40	MP4A	Z	-3.775	-3.775	0	%100
41	MP5A	X	-2.18	-2.18	0	%100
42	MP5A	Z	-3.775	-3.775	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	-2.18	-2.18	0	%100
46	MP1C	Z	-3.775	-3.775	0	%100
47	MP2C	X	-2.035	-2.035	0	%100
48	MP2C	Z	-3.526	-3.526	0	%100
49	MP3C	X	-2.18	-2.18	0	%100
50	MP3C	Z	-3.775	-3.775	0	%100
51	MP4C	X	-2.18	-2.18	0	%100
52	MP4C	Z	-3.775	-3.775	0	%100
53	MP5C	X	-2.18	-2.18	0	%100
54	MP5C	Z	-3.775	-3.775	0	%100
55	M90	X	-.751	-.751	0	%100
56	M90	Z	-1.301	-1.301	0	%100
57	MP1B	X	-2.18	-2.18	0	%100
58	MP1B	Z	-3.775	-3.775	0	%100
59	MP2B	X	-2.035	-2.035	0	%100
60	MP2B	Z	-3.526	-3.526	0	%100
61	MP3B	X	-2.18	-2.18	0	%100
62	MP3B	Z	-3.775	-3.775	0	%100
63	MP4B	X	-2.18	-2.18	0	%100
64	MP4B	Z	-3.775	-3.775	0	%100
65	MP5B	X	-2.18	-2.18	0	%100
66	MP5B	Z	-3.775	-3.775	0	%100
67	M76A	X	-1.774	-1.774	0	%100
68	M76A	Z	-3.073	-3.073	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	-1.774	-1.774	0	%100
72	M78A	Z	-3.073	-3.073	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	-1.48	-1.48	0	%100
76	M86	Z	-2.564	-2.564	0	%100
77	M87A	X	-1.48	-1.48	0	%100
78	M87A	Z	-2.564	-2.564	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M88A	X	-1.287	-1.287	0	%100
80	M88A	Z	-2.229	-2.229	0	%100
81	M89	X	-2.708	-2.708	0	%100
82	M89	Z	-4.69	-4.69	0	%100
83	M90A	X	-1.287	-1.287	0	%100
84	M90A	Z	-2.229	-2.229	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	-2.682	-2.682	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	-1.539	-1.539	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	-.939	-.939	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	-.939	-.939	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	-.134	-.134	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.637	-.637	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	-.834	-.834	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	-.385	-.385	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	-.235	-.235	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	-.235	-.235	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	-.834	-.834	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	-.385	-.385	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	-.235	-.235	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	-.235	-.235	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	-.671	-.671	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	-.671	-.671	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	-.637	-.637	0	%100
37	MP3A	X	0	0	0	%100
38	MP3A	Z	-.637	-.637	0	%100
39	MP4A	X	0	0	0	%100
40	MP4A	Z	-.637	-.637	0	%100
41	MP5A	X	0	0	0	%100
42	MP5A	Z	-.637	-.637	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	-.034	-.034	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-.637	-.637	0	%100
47	MP2C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	MP2C	Z	-.637	-.637	0	%100
49	MP3C	X	0	0	0	%100
50	MP3C	Z	-.637	-.637	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	-.637	-.637	0	%100
53	MP5C	X	0	0	0	%100
54	MP5C	Z	-.637	-.637	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	-.034	-.034	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	-.637	-.637	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	-.637	-.637	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	-.637	-.637	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	-.637	-.637	0	%100
65	MP5B	X	0	0	0	%100
66	MP5B	Z	-.637	-.637	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	-.193	-.193	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	-.193	-.193	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	-.771	-.771	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	-.214	-.214	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	-.857	-.857	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	-.214	-.214	0	%100
79	M88A	X	0	0	0	%100
80	M88A	Z	-.432	-.432	0	%100
81	M89	X	0	0	0	%100
82	M89	Z	-.995	-.995	0	%100
83	M90A	X	0	0	0	%100
84	M90A	Z	-.995	-.995	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	1.006	1.006	0	%100
2	FACE	Z	-1.742	-1.742	0	%100
3	M76	X	.139	.139	0	%100
4	M76	Z	-.241	-.241	0	%100
5	M77	X	.577	.577	0	%100
6	M77	Z	-.999	-.999	0	%100
7	M78	X	.352	.352	0	%100
8	M78	Z	-.61	-.61	0	%100
9	M79	X	.352	.352	0	%100
10	M79	Z	-.61	-.61	0	%100
11	M84	X	.05	.05	0	%100
12	M84	Z	-.087	-.087	0	%100
13	MP1A	X	.319	.319	0	%100
14	MP1A	Z	-.552	-.552	0	%100
15	M13	X	.139	.139	0	%100
16	M13	Z	-.241	-.241	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M14	X	.577	.577	0	%100
18	M14	Z	-.999	-.999	0	%100
19	M15	X	.352	.352	0	%100
20	M15	Z	-.61	-.61	0	%100
21	M16	X	.352	.352	0	%100
22	M16	Z	-.61	-.61	0	%100
23	M22	X	.556	.556	0	%100
24	M22	Z	-.962	-.962	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	1.006	1.006	0	%100
32	M31	Z	-1.742	-1.742	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	.319	.319	0	%100
36	MP2A	Z	-.552	-.552	0	%100
37	MP3A	X	.319	.319	0	%100
38	MP3A	Z	-.552	-.552	0	%100
39	MP4A	X	.319	.319	0	%100
40	MP4A	Z	-.552	-.552	0	%100
41	MP5A	X	.319	.319	0	%100
42	MP5A	Z	-.552	-.552	0	%100
43	M50	X	.05	.05	0	%100
44	M50	Z	-.087	-.087	0	%100
45	MP1C	X	.319	.319	0	%100
46	MP1C	Z	-.552	-.552	0	%100
47	MP2C	X	.319	.319	0	%100
48	MP2C	Z	-.552	-.552	0	%100
49	MP3C	X	.319	.319	0	%100
50	MP3C	Z	-.552	-.552	0	%100
51	MP4C	X	.319	.319	0	%100
52	MP4C	Z	-.552	-.552	0	%100
53	MP5C	X	.319	.319	0	%100
54	MP5C	Z	-.552	-.552	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	.319	.319	0	%100
58	MP1B	Z	-.552	-.552	0	%100
59	MP2B	X	.319	.319	0	%100
60	MP2B	Z	-.552	-.552	0	%100
61	MP3B	X	.319	.319	0	%100
62	MP3B	Z	-.552	-.552	0	%100
63	MP4B	X	.319	.319	0	%100
64	MP4B	Z	-.552	-.552	0	%100
65	MP5B	X	.319	.319	0	%100
66	MP5B	Z	-.552	-.552	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	.289	.289	0	%100
70	M77B	Z	-.501	-.501	0	%100
71	M78A	X	.289	.289	0	%100
72	M78A	Z	-.501	-.501	0	%100
73	M85	X	.321	.321	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M85	Z	-.557	-.557	0	%100
75	M86	X	.321	.321	0	%100
76	M86	Z	-.557	-.557	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	.31	.31	0	%100
80	M88A	Z	-.537	-.537	0	%100
81	M89	X	.31	.31	0	%100
82	M89	Z	-.537	-.537	0	%100
83	M90A	X	.591	.591	0	%100
84	M90A	Z	-1.024	-1.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	.581	.581	0	%100
2	FACE	Z	-.335	-.335	0	%100
3	M76	X	.722	.722	0	%100
4	M76	Z	-.417	-.417	0	%100
5	M77	X	.333	.333	0	%100
6	M77	Z	-.192	-.192	0	%100
7	M78	X	.203	.203	0	%100
8	M78	Z	-.117	-.117	0	%100
9	M79	X	.203	.203	0	%100
10	M79	Z	-.117	-.117	0	%100
11	M84	X	.029	.029	0	%100
12	M84	Z	-.017	-.017	0	%100
13	MP1A	X	.552	.552	0	%100
14	MP1A	Z	-.319	-.319	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	1.333	1.333	0	%100
18	M14	Z	-.769	-.769	0	%100
19	M15	X	.813	.813	0	%100
20	M15	Z	-.469	-.469	0	%100
21	M16	X	.813	.813	0	%100
22	M16	Z	-.469	-.469	0	%100
23	M22	X	.722	.722	0	%100
24	M22	Z	-.417	-.417	0	%100
25	M23	X	.333	.333	0	%100
26	M23	Z	-.192	-.192	0	%100
27	M24	X	.203	.203	0	%100
28	M24	Z	-.117	-.117	0	%100
29	M25	X	.203	.203	0	%100
30	M25	Z	-.117	-.117	0	%100
31	M31	X	2.323	2.323	0	%100
32	M31	Z	-1.341	-1.341	0	%100
33	M61	X	.581	.581	0	%100
34	M61	Z	-.335	-.335	0	%100
35	MP2A	X	.552	.552	0	%100
36	MP2A	Z	-.319	-.319	0	%100
37	MP3A	X	.552	.552	0	%100
38	MP3A	Z	-.319	-.319	0	%100
39	MP4A	X	.552	.552	0	%100
40	MP4A	Z	-.319	-.319	0	%100
41	MP5A	X	.552	.552	0	%100
42	MP5A	Z	-.319	-.319	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	M50	X	.116	.116	0	%100
44	M50	Z	-.067	-.067	0	%100
45	MP1C	X	.552	.552	0	%100
46	MP1C	Z	-.319	-.319	0	%100
47	MP2C	X	.552	.552	0	%100
48	MP2C	Z	-.319	-.319	0	%100
49	MP3C	X	.552	.552	0	%100
50	MP3C	Z	-.319	-.319	0	%100
51	MP4C	X	.552	.552	0	%100
52	MP4C	Z	-.319	-.319	0	%100
53	MP5C	X	.552	.552	0	%100
54	MP5C	Z	-.319	-.319	0	%100
55	M90	X	.029	.029	0	%100
56	M90	Z	-.017	-.017	0	%100
57	MP1B	X	.552	.552	0	%100
58	MP1B	Z	-.319	-.319	0	%100
59	MP2B	X	.552	.552	0	%100
60	MP2B	Z	-.319	-.319	0	%100
61	MP3B	X	.552	.552	0	%100
62	MP3B	Z	-.319	-.319	0	%100
63	MP4B	X	.552	.552	0	%100
64	MP4B	Z	-.319	-.319	0	%100
65	MP5B	X	.552	.552	0	%100
66	MP5B	Z	-.319	-.319	0	%100
67	M76A	X	.167	.167	0	%100
68	M76A	Z	-.096	-.096	0	%100
69	M77B	X	.668	.668	0	%100
70	M77B	Z	-.386	-.386	0	%100
71	M78A	X	.167	.167	0	%100
72	M78A	Z	-.096	-.096	0	%100
73	M85	X	.742	.742	0	%100
74	M85	Z	-.429	-.429	0	%100
75	M86	X	.186	.186	0	%100
76	M86	Z	-.107	-.107	0	%100
77	M87A	X	.186	.186	0	%100
78	M87A	Z	-.107	-.107	0	%100
79	M88A	X	.861	.861	0	%100
80	M88A	Z	-.497	-.497	0	%100
81	M89	X	.374	.374	0	%100
82	M89	Z	-.216	-.216	0	%100
83	M90A	X	.861	.861	0	%100
84	M90A	Z	-.497	-.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M76	X	1.111	1.111	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
12	M84	Z	0	0	0	%100
13	MP1A	X	.637	.637	0	%100
14	MP1A	Z	0	0	0	%100
15	M13	X	.278	.278	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	1.154	1.154	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	.704	.704	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	.704	.704	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	.278	.278	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	1.154	1.154	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	.704	.704	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	.704	.704	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	2.012	2.012	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	2.012	2.012	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	.637	.637	0	%100
36	MP2A	Z	0	0	0	%100
37	MP3A	X	.637	.637	0	%100
38	MP3A	Z	0	0	0	%100
39	MP4A	X	.637	.637	0	%100
40	MP4A	Z	0	0	0	%100
41	MP5A	X	.637	.637	0	%100
42	MP5A	Z	0	0	0	%100
43	M50	X	.101	.101	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	.637	.637	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	.637	.637	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3C	X	.637	.637	0	%100
50	MP3C	Z	0	0	0	%100
51	MP4C	X	.637	.637	0	%100
52	MP4C	Z	0	0	0	%100
53	MP5C	X	.637	.637	0	%100
54	MP5C	Z	0	0	0	%100
55	M90	X	.101	.101	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	.637	.637	0	%100
58	MP1B	Z	0	0	0	%100
59	MP2B	X	.637	.637	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	.637	.637	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	.637	.637	0	%100
64	MP4B	Z	0	0	0	%100
65	MP5B	X	.637	.637	0	%100
66	MP5B	Z	0	0	0	%100
67	M76A	X	.578	.578	0	%100
68	M76A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	M77B	X	.578	.578	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	0	0	0	%100
73	M85	X	.643	.643	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	0	0	0	%100
77	M87A	X	.643	.643	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	1.182	1.182	0	%100
80	M88A	Z	0	0	0	%100
81	M89	X	.62	.62	0	%100
82	M89	Z	0	0	0	%100
83	M90A	X	.62	.62	0	%100
84	M90A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	.581	.581	0	%100
2	FACE	Z	.335	.335	0	%100
3	M76	X	.722	.722	0	%100
4	M76	Z	.417	.417	0	%100
5	M77	X	.333	.333	0	%100
6	M77	Z	.192	.192	0	%100
7	M78	X	.203	.203	0	%100
8	M78	Z	.117	.117	0	%100
9	M79	X	.203	.203	0	%100
10	M79	Z	.117	.117	0	%100
11	M84	X	.029	.029	0	%100
12	M84	Z	.017	.017	0	%100
13	MP1A	X	.552	.552	0	%100
14	MP1A	Z	.319	.319	0	%100
15	M13	X	.722	.722	0	%100
16	M13	Z	.417	.417	0	%100
17	M14	X	.333	.333	0	%100
18	M14	Z	.192	.192	0	%100
19	M15	X	.203	.203	0	%100
20	M15	Z	.117	.117	0	%100
21	M16	X	.203	.203	0	%100
22	M16	Z	.117	.117	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	1.333	1.333	0	%100
26	M23	Z	.769	.769	0	%100
27	M24	X	.813	.813	0	%100
28	M24	Z	.469	.469	0	%100
29	M25	X	.813	.813	0	%100
30	M25	Z	.469	.469	0	%100
31	M31	X	.581	.581	0	%100
32	M31	Z	.335	.335	0	%100
33	M61	X	2.323	2.323	0	%100
34	M61	Z	1.341	1.341	0	%100
35	MP2A	X	.552	.552	0	%100
36	MP2A	Z	.319	.319	0	%100
37	MP3A	X	.552	.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	MP3A	Z	.319	.319	0	%100
39	MP4A	X	.552	.552	0	%100
40	MP4A	Z	.319	.319	0	%100
41	MP5A	X	.552	.552	0	%100
42	MP5A	Z	.319	.319	0	%100
43	M50	X	.029	.029	0	%100
44	M50	Z	.017	.017	0	%100
45	MP1C	X	.552	.552	0	%100
46	MP1C	Z	.319	.319	0	%100
47	MP2C	X	.552	.552	0	%100
48	MP2C	Z	.319	.319	0	%100
49	MP3C	X	.552	.552	0	%100
50	MP3C	Z	.319	.319	0	%100
51	MP4C	X	.552	.552	0	%100
52	MP4C	Z	.319	.319	0	%100
53	MP5C	X	.552	.552	0	%100
54	MP5C	Z	.319	.319	0	%100
55	M90	X	.116	.116	0	%100
56	M90	Z	.067	.067	0	%100
57	MP1B	X	.552	.552	0	%100
58	MP1B	Z	.319	.319	0	%100
59	MP2B	X	.552	.552	0	%100
60	MP2B	Z	.319	.319	0	%100
61	MP3B	X	.552	.552	0	%100
62	MP3B	Z	.319	.319	0	%100
63	MP4B	X	.552	.552	0	%100
64	MP4B	Z	.319	.319	0	%100
65	MP5B	X	.552	.552	0	%100
66	MP5B	Z	.319	.319	0	%100
67	M76A	X	.668	.668	0	%100
68	M76A	Z	.386	.386	0	%100
69	M77B	X	.167	.167	0	%100
70	M77B	Z	.096	.096	0	%100
71	M78A	X	.167	.167	0	%100
72	M78A	Z	.096	.096	0	%100
73	M85	X	.186	.186	0	%100
74	M85	Z	.107	.107	0	%100
75	M86	X	.186	.186	0	%100
76	M86	Z	.107	.107	0	%100
77	M87A	X	.742	.742	0	%100
78	M87A	Z	.429	.429	0	%100
79	M88A	X	.861	.861	0	%100
80	M88A	Z	.497	.497	0	%100
81	M89	X	.861	.861	0	%100
82	M89	Z	.497	.497	0	%100
83	M90A	X	.374	.374	0	%100
84	M90A	Z	.216	.216	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	1.006	1.006	0	%100
2	FACE	Z	1.742	1.742	0	%100
3	M76	X	.139	.139	0	%100
4	M76	Z	.241	.241	0	%100
5	M77	X	.577	.577	0	%100
6	M77	Z	.999	.999	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M78	X	.352	.352	0	%100
8	M78	Z	.61	.61	0	%100
9	M79	X	.352	.352	0	%100
10	M79	Z	.61	.61	0	%100
11	M84	X	.05	.05	0	%100
12	M84	Z	.087	.087	0	%100
13	MP1A	X	.319	.319	0	%100
14	MP1A	Z	.552	.552	0	%100
15	M13	X	.556	.556	0	%100
16	M13	Z	.962	.962	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	.139	.139	0	%100
24	M22	Z	.241	.241	0	%100
25	M23	X	.577	.577	0	%100
26	M23	Z	.999	.999	0	%100
27	M24	X	.352	.352	0	%100
28	M24	Z	.61	.61	0	%100
29	M25	X	.352	.352	0	%100
30	M25	Z	.61	.61	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	1.006	1.006	0	%100
34	M61	Z	1.742	1.742	0	%100
35	MP2A	X	.319	.319	0	%100
36	MP2A	Z	.552	.552	0	%100
37	MP3A	X	.319	.319	0	%100
38	MP3A	Z	.552	.552	0	%100
39	MP4A	X	.319	.319	0	%100
40	MP4A	Z	.552	.552	0	%100
41	MP5A	X	.319	.319	0	%100
42	MP5A	Z	.552	.552	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	.319	.319	0	%100
46	MP1C	Z	.552	.552	0	%100
47	MP2C	X	.319	.319	0	%100
48	MP2C	Z	.552	.552	0	%100
49	MP3C	X	.319	.319	0	%100
50	MP3C	Z	.552	.552	0	%100
51	MP4C	X	.319	.319	0	%100
52	MP4C	Z	.552	.552	0	%100
53	MP5C	X	.319	.319	0	%100
54	MP5C	Z	.552	.552	0	%100
55	M90	X	.05	.05	0	%100
56	M90	Z	.087	.087	0	%100
57	MP1B	X	.319	.319	0	%100
58	MP1B	Z	.552	.552	0	%100
59	MP2B	X	.319	.319	0	%100
60	MP2B	Z	.552	.552	0	%100
61	MP3B	X	.319	.319	0	%100
62	MP3B	Z	.552	.552	0	%100
63	MP4B	X	.319	.319	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
64	MP4B	Z	.552	.552	0	%100
65	MP5B	X	.319	.319	0	%100
66	MP5B	Z	.552	.552	0	%100
67	M76A	X	.289	.289	0	%100
68	M76A	Z	.501	.501	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	.289	.289	0	%100
72	M78A	Z	.501	.501	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	.321	.321	0	%100
76	M86	Z	.557	.557	0	%100
77	M87A	X	.321	.321	0	%100
78	M87A	Z	.557	.557	0	%100
79	M88A	X	.31	.31	0	%100
80	M88A	Z	.537	.537	0	%100
81	M89	X	.591	.591	0	%100
82	M89	Z	1.024	1.024	0	%100
83	M90A	X	.31	.31	0	%100
84	M90A	Z	.537	.537	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	2.682	2.682	0	%100
3	M76	X	0	0	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	1.539	1.539	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	.939	.939	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	.939	.939	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	.134	.134	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.637	.637	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	.834	.834	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	.385	.385	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	.235	.235	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	.235	.235	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	.834	.834	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	.385	.385	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	.235	.235	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	.235	.235	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	.671	.671	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M61	X	0	0	0	%100
34	M61	Z	.671	.671	0	%100
35	MP2A	X	0	0	0	%100
36	MP2A	Z	.637	.637	0	%100
37	MP3A	X	0	0	0	%100
38	MP3A	Z	.637	.637	0	%100
39	MP4A	X	0	0	0	%100
40	MP4A	Z	.637	.637	0	%100
41	MP5A	X	0	0	0	%100
42	MP5A	Z	.637	.637	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	.034	.034	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	.637	.637	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	.637	.637	0	%100
49	MP3C	X	0	0	0	%100
50	MP3C	Z	.637	.637	0	%100
51	MP4C	X	0	0	0	%100
52	MP4C	Z	.637	.637	0	%100
53	MP5C	X	0	0	0	%100
54	MP5C	Z	.637	.637	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	.034	.034	0	%100
57	MP1B	X	0	0	0	%100
58	MP1B	Z	.637	.637	0	%100
59	MP2B	X	0	0	0	%100
60	MP2B	Z	.637	.637	0	%100
61	MP3B	X	0	0	0	%100
62	MP3B	Z	.637	.637	0	%100
63	MP4B	X	0	0	0	%100
64	MP4B	Z	.637	.637	0	%100
65	MP5B	X	0	0	0	%100
66	MP5B	Z	.637	.637	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	.193	.193	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	.193	.193	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	.771	.771	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	.214	.214	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	.857	.857	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	.214	.214	0	%100
79	M88A	X	0	0	0	%100
80	M88A	Z	.432	.432	0	%100
81	M89	X	0	0	0	%100
82	M89	Z	.995	.995	0	%100
83	M90A	X	0	0	0	%100
84	M90A	Z	.995	.995	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-1.006	-1.006	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
2	FACE	Z	1.742	1.742	0	%100
3	M76	X	-.139	-.139	0	%100
4	M76	Z	.241	.241	0	%100
5	M77	X	-.577	-.577	0	%100
6	M77	Z	.999	.999	0	%100
7	M78	X	-.352	-.352	0	%100
8	M78	Z	.61	.61	0	%100
9	M79	X	-.352	-.352	0	%100
10	M79	Z	.61	.61	0	%100
11	M84	X	-.05	-.05	0	%100
12	M84	Z	.087	.087	0	%100
13	MP1A	X	-.319	-.319	0	%100
14	MP1A	Z	.552	.552	0	%100
15	M13	X	-.139	-.139	0	%100
16	M13	Z	.241	.241	0	%100
17	M14	X	-.577	-.577	0	%100
18	M14	Z	.999	.999	0	%100
19	M15	X	-.352	-.352	0	%100
20	M15	Z	.61	.61	0	%100
21	M16	X	-.352	-.352	0	%100
22	M16	Z	.61	.61	0	%100
23	M22	X	-.556	-.556	0	%100
24	M22	Z	.962	.962	0	%100
25	M23	X	0	0	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	0	0	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	0	0	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	-1.006	-1.006	0	%100
32	M31	Z	1.742	1.742	0	%100
33	M61	X	0	0	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	-.319	-.319	0	%100
36	MP2A	Z	.552	.552	0	%100
37	MP3A	X	-.319	-.319	0	%100
38	MP3A	Z	.552	.552	0	%100
39	MP4A	X	-.319	-.319	0	%100
40	MP4A	Z	.552	.552	0	%100
41	MP5A	X	-.319	-.319	0	%100
42	MP5A	Z	.552	.552	0	%100
43	M50	X	-.05	-.05	0	%100
44	M50	Z	.087	.087	0	%100
45	MP1C	X	-.319	-.319	0	%100
46	MP1C	Z	.552	.552	0	%100
47	MP2C	X	-.319	-.319	0	%100
48	MP2C	Z	.552	.552	0	%100
49	MP3C	X	-.319	-.319	0	%100
50	MP3C	Z	.552	.552	0	%100
51	MP4C	X	-.319	-.319	0	%100
52	MP4C	Z	.552	.552	0	%100
53	MP5C	X	-.319	-.319	0	%100
54	MP5C	Z	.552	.552	0	%100
55	M90	X	0	0	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	-.319	-.319	0	%100
58	MP1B	Z	.552	.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	MP2B	X	-.319	-.319	0	%100
60	MP2B	Z	.552	.552	0	%100
61	MP3B	X	-.319	-.319	0	%100
62	MP3B	Z	.552	.552	0	%100
63	MP4B	X	-.319	-.319	0	%100
64	MP4B	Z	.552	.552	0	%100
65	MP5B	X	-.319	-.319	0	%100
66	MP5B	Z	.552	.552	0	%100
67	M76A	X	0	0	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	-.289	-.289	0	%100
70	M77B	Z	.501	.501	0	%100
71	M78A	X	-.289	-.289	0	%100
72	M78A	Z	.501	.501	0	%100
73	M85	X	-.321	-.321	0	%100
74	M85	Z	.557	.557	0	%100
75	M86	X	-.321	-.321	0	%100
76	M86	Z	.557	.557	0	%100
77	M87A	X	0	0	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	-.31	-.31	0	%100
80	M88A	Z	.537	.537	0	%100
81	M89	X	-.31	-.31	0	%100
82	M89	Z	.537	.537	0	%100
83	M90A	X	-.591	-.591	0	%100
84	M90A	Z	1.024	1.024	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-.581	-.581	0	%100
2	FACE	Z	.335	.335	0	%100
3	M76	X	-.722	-.722	0	%100
4	M76	Z	.417	.417	0	%100
5	M77	X	-.333	-.333	0	%100
6	M77	Z	.192	.192	0	%100
7	M78	X	-.203	-.203	0	%100
8	M78	Z	.117	.117	0	%100
9	M79	X	-.203	-.203	0	%100
10	M79	Z	.117	.117	0	%100
11	M84	X	-.029	-.029	0	%100
12	M84	Z	.017	.017	0	%100
13	MP1A	X	-.552	-.552	0	%100
14	MP1A	Z	.319	.319	0	%100
15	M13	X	0	0	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-1.333	-1.333	0	%100
18	M14	Z	.769	.769	0	%100
19	M15	X	-.813	-.813	0	%100
20	M15	Z	.469	.469	0	%100
21	M16	X	-.813	-.813	0	%100
22	M16	Z	.469	.469	0	%100
23	M22	X	-.722	-.722	0	%100
24	M22	Z	.417	.417	0	%100
25	M23	X	-.333	-.333	0	%100
26	M23	Z	.192	.192	0	%100
27	M24	X	-.203	-.203	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M24	Z	.117	.117	0	%100
29	M25	X	-.203	-.203	0	%100
30	M25	Z	.117	.117	0	%100
31	M31	X	-2.323	-2.323	0	%100
32	M31	Z	1.341	1.341	0	%100
33	M61	X	-.581	-.581	0	%100
34	M61	Z	.335	.335	0	%100
35	MP2A	X	-.552	-.552	0	%100
36	MP2A	Z	.319	.319	0	%100
37	MP3A	X	-.552	-.552	0	%100
38	MP3A	Z	.319	.319	0	%100
39	MP4A	X	-.552	-.552	0	%100
40	MP4A	Z	.319	.319	0	%100
41	MP5A	X	-.552	-.552	0	%100
42	MP5A	Z	.319	.319	0	%100
43	M50	X	-.116	-.116	0	%100
44	M50	Z	.067	.067	0	%100
45	MP1C	X	-.552	-.552	0	%100
46	MP1C	Z	.319	.319	0	%100
47	MP2C	X	-.552	-.552	0	%100
48	MP2C	Z	.319	.319	0	%100
49	MP3C	X	-.552	-.552	0	%100
50	MP3C	Z	.319	.319	0	%100
51	MP4C	X	-.552	-.552	0	%100
52	MP4C	Z	.319	.319	0	%100
53	MP5C	X	-.552	-.552	0	%100
54	MP5C	Z	.319	.319	0	%100
55	M90	X	-.029	-.029	0	%100
56	M90	Z	.017	.017	0	%100
57	MP1B	X	-.552	-.552	0	%100
58	MP1B	Z	.319	.319	0	%100
59	MP2B	X	-.552	-.552	0	%100
60	MP2B	Z	.319	.319	0	%100
61	MP3B	X	-.552	-.552	0	%100
62	MP3B	Z	.319	.319	0	%100
63	MP4B	X	-.552	-.552	0	%100
64	MP4B	Z	.319	.319	0	%100
65	MP5B	X	-.552	-.552	0	%100
66	MP5B	Z	.319	.319	0	%100
67	M76A	X	-.167	-.167	0	%100
68	M76A	Z	.096	.096	0	%100
69	M77B	X	-.668	-.668	0	%100
70	M77B	Z	.386	.386	0	%100
71	M78A	X	-.167	-.167	0	%100
72	M78A	Z	.096	.096	0	%100
73	M85	X	-.742	-.742	0	%100
74	M85	Z	.429	.429	0	%100
75	M86	X	-.186	-.186	0	%100
76	M86	Z	.107	.107	0	%100
77	M87A	X	-.186	-.186	0	%100
78	M87A	Z	.107	.107	0	%100
79	M88A	X	-.861	-.861	0	%100
80	M88A	Z	.497	.497	0	%100
81	M89	X	-.374	-.374	0	%100
82	M89	Z	.216	.216	0	%100
83	M90A	X	-.861	-.861	0	%100
84	M90A	Z	.497	.497	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M76	X	-1.111	-1.111	0	%100
4	M76	Z	0	0	0	%100
5	M77	X	0	0	0	%100
6	M77	Z	0	0	0	%100
7	M78	X	0	0	0	%100
8	M78	Z	0	0	0	%100
9	M79	X	0	0	0	%100
10	M79	Z	0	0	0	%100
11	M84	X	0	0	0	%100
12	M84	Z	0	0	0	%100
13	MP1A	X	-.637	-.637	0	%100
14	MP1A	Z	0	0	0	%100
15	M13	X	-.278	-.278	0	%100
16	M13	Z	0	0	0	%100
17	M14	X	-1.154	-1.154	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	-.704	-.704	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	-.704	-.704	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	-.278	-.278	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-1.154	-1.154	0	%100
26	M23	Z	0	0	0	%100
27	M24	X	-.704	-.704	0	%100
28	M24	Z	0	0	0	%100
29	M25	X	-.704	-.704	0	%100
30	M25	Z	0	0	0	%100
31	M31	X	-2.012	-2.012	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	-2.012	-2.012	0	%100
34	M61	Z	0	0	0	%100
35	MP2A	X	-.637	-.637	0	%100
36	MP2A	Z	0	0	0	%100
37	MP3A	X	-.637	-.637	0	%100
38	MP3A	Z	0	0	0	%100
39	MP4A	X	-.637	-.637	0	%100
40	MP4A	Z	0	0	0	%100
41	MP5A	X	-.637	-.637	0	%100
42	MP5A	Z	0	0	0	%100
43	M50	X	-.101	-.101	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	-.637	-.637	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	-.637	-.637	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3C	X	-.637	-.637	0	%100
50	MP3C	Z	0	0	0	%100
51	MP4C	X	-.637	-.637	0	%100
52	MP4C	Z	0	0	0	%100
53	MP5C	X	-.637	-.637	0	%100
54	MP5C	Z	0	0	0	%100
55	M90	X	-.101	-.101	0	%100
56	M90	Z	0	0	0	%100
57	MP1B	X	-.637	-.637	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP1B	Z	0	0	0	%100
59	MP2B	X	-.637	-.637	0	%100
60	MP2B	Z	0	0	0	%100
61	MP3B	X	-.637	-.637	0	%100
62	MP3B	Z	0	0	0	%100
63	MP4B	X	-.637	-.637	0	%100
64	MP4B	Z	0	0	0	%100
65	MP5B	X	-.637	-.637	0	%100
66	MP5B	Z	0	0	0	%100
67	M76A	X	-.578	-.578	0	%100
68	M76A	Z	0	0	0	%100
69	M77B	X	-.578	-.578	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	0	0	0	%100
72	M78A	Z	0	0	0	%100
73	M85	X	-.643	-.643	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	0	0	0	%100
77	M87A	X	-.643	-.643	0	%100
78	M87A	Z	0	0	0	%100
79	M88A	X	-1.182	-1.182	0	%100
80	M88A	Z	0	0	0	%100
81	M89	X	-.62	-.62	0	%100
82	M89	Z	0	0	0	%100
83	M90A	X	-.62	-.62	0	%100
84	M90A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-.581	-.581	0	%100
2	FACE	Z	-.335	-.335	0	%100
3	M76	X	-.722	-.722	0	%100
4	M76	Z	-.417	-.417	0	%100
5	M77	X	-.333	-.333	0	%100
6	M77	Z	-.192	-.192	0	%100
7	M78	X	-.203	-.203	0	%100
8	M78	Z	-.117	-.117	0	%100
9	M79	X	-.203	-.203	0	%100
10	M79	Z	-.117	-.117	0	%100
11	M84	X	-.029	-.029	0	%100
12	M84	Z	-.017	-.017	0	%100
13	MP1A	X	-.552	-.552	0	%100
14	MP1A	Z	-.319	-.319	0	%100
15	M13	X	-.722	-.722	0	%100
16	M13	Z	-.417	-.417	0	%100
17	M14	X	-.333	-.333	0	%100
18	M14	Z	-.192	-.192	0	%100
19	M15	X	-.203	-.203	0	%100
20	M15	Z	-.117	-.117	0	%100
21	M16	X	-.203	-.203	0	%100
22	M16	Z	-.117	-.117	0	%100
23	M22	X	0	0	0	%100
24	M22	Z	0	0	0	%100
25	M23	X	-1.333	-1.333	0	%100
26	M23	Z	-.769	-.769	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	M24	X	-.813	-.813	0	%100
28	M24	Z	-.469	-.469	0	%100
29	M25	X	-.813	-.813	0	%100
30	M25	Z	-.469	-.469	0	%100
31	M31	X	-.581	-.581	0	%100
32	M31	Z	-.335	-.335	0	%100
33	M61	X	-2.323	-2.323	0	%100
34	M61	Z	-1.341	-1.341	0	%100
35	MP2A	X	-.552	-.552	0	%100
36	MP2A	Z	-.319	-.319	0	%100
37	MP3A	X	-.552	-.552	0	%100
38	MP3A	Z	-.319	-.319	0	%100
39	MP4A	X	-.552	-.552	0	%100
40	MP4A	Z	-.319	-.319	0	%100
41	MP5A	X	-.552	-.552	0	%100
42	MP5A	Z	-.319	-.319	0	%100
43	M50	X	-.029	-.029	0	%100
44	M50	Z	-.017	-.017	0	%100
45	MP1C	X	-.552	-.552	0	%100
46	MP1C	Z	-.319	-.319	0	%100
47	MP2C	X	-.552	-.552	0	%100
48	MP2C	Z	-.319	-.319	0	%100
49	MP3C	X	-.552	-.552	0	%100
50	MP3C	Z	-.319	-.319	0	%100
51	MP4C	X	-.552	-.552	0	%100
52	MP4C	Z	-.319	-.319	0	%100
53	MP5C	X	-.552	-.552	0	%100
54	MP5C	Z	-.319	-.319	0	%100
55	M90	X	-.116	-.116	0	%100
56	M90	Z	-.067	-.067	0	%100
57	MP1B	X	-.552	-.552	0	%100
58	MP1B	Z	-.319	-.319	0	%100
59	MP2B	X	-.552	-.552	0	%100
60	MP2B	Z	-.319	-.319	0	%100
61	MP3B	X	-.552	-.552	0	%100
62	MP3B	Z	-.319	-.319	0	%100
63	MP4B	X	-.552	-.552	0	%100
64	MP4B	Z	-.319	-.319	0	%100
65	MP5B	X	-.552	-.552	0	%100
66	MP5B	Z	-.319	-.319	0	%100
67	M76A	X	-.668	-.668	0	%100
68	M76A	Z	-.386	-.386	0	%100
69	M77B	X	-.167	-.167	0	%100
70	M77B	Z	-.096	-.096	0	%100
71	M78A	X	-.167	-.167	0	%100
72	M78A	Z	-.096	-.096	0	%100
73	M85	X	-.186	-.186	0	%100
74	M85	Z	-.107	-.107	0	%100
75	M86	X	-.186	-.186	0	%100
76	M86	Z	-.107	-.107	0	%100
77	M87A	X	-.742	-.742	0	%100
78	M87A	Z	-.429	-.429	0	%100
79	M88A	X	-.861	-.861	0	%100
80	M88A	Z	-.497	-.497	0	%100
81	M89	X	-.861	-.861	0	%100
82	M89	Z	-.497	-.497	0	%100
83	M90A	X	-.374	-.374	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
84	M90A	Z	-.216	-.216	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	-1.006	-1.006	0	%100
2	FACE	Z	-1.742	-1.742	0	%100
3	M76	X	-.139	-.139	0	%100
4	M76	Z	-.241	-.241	0	%100
5	M77	X	-.577	-.577	0	%100
6	M77	Z	-.999	-.999	0	%100
7	M78	X	-.352	-.352	0	%100
8	M78	Z	-.61	-.61	0	%100
9	M79	X	-.352	-.352	0	%100
10	M79	Z	-.61	-.61	0	%100
11	M84	X	-.05	-.05	0	%100
12	M84	Z	-.087	-.087	0	%100
13	MP1A	X	-.319	-.319	0	%100
14	MP1A	Z	-.552	-.552	0	%100
15	M13	X	-.556	-.556	0	%100
16	M13	Z	-.962	-.962	0	%100
17	M14	X	0	0	0	%100
18	M14	Z	0	0	0	%100
19	M15	X	0	0	0	%100
20	M15	Z	0	0	0	%100
21	M16	X	0	0	0	%100
22	M16	Z	0	0	0	%100
23	M22	X	-.139	-.139	0	%100
24	M22	Z	-.241	-.241	0	%100
25	M23	X	-.577	-.577	0	%100
26	M23	Z	-.999	-.999	0	%100
27	M24	X	-.352	-.352	0	%100
28	M24	Z	-.61	-.61	0	%100
29	M25	X	-.352	-.352	0	%100
30	M25	Z	-.61	-.61	0	%100
31	M31	X	0	0	0	%100
32	M31	Z	0	0	0	%100
33	M61	X	-1.006	-1.006	0	%100
34	M61	Z	-1.742	-1.742	0	%100
35	MP2A	X	-.319	-.319	0	%100
36	MP2A	Z	-.552	-.552	0	%100
37	MP3A	X	-.319	-.319	0	%100
38	MP3A	Z	-.552	-.552	0	%100
39	MP4A	X	-.319	-.319	0	%100
40	MP4A	Z	-.552	-.552	0	%100
41	MP5A	X	-.319	-.319	0	%100
42	MP5A	Z	-.552	-.552	0	%100
43	M50	X	0	0	0	%100
44	M50	Z	0	0	0	%100
45	MP1C	X	-.319	-.319	0	%100
46	MP1C	Z	-.552	-.552	0	%100
47	MP2C	X	-.319	-.319	0	%100
48	MP2C	Z	-.552	-.552	0	%100
49	MP3C	X	-.319	-.319	0	%100
50	MP3C	Z	-.552	-.552	0	%100
51	MP4C	X	-.319	-.319	0	%100
52	MP4C	Z	-.552	-.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	MP5C	X	-.319	-.319	0	%100
54	MP5C	Z	-.552	-.552	0	%100
55	M90	X	-.05	-.05	0	%100
56	M90	Z	-.087	-.087	0	%100
57	MP1B	X	-.319	-.319	0	%100
58	MP1B	Z	-.552	-.552	0	%100
59	MP2B	X	-.319	-.319	0	%100
60	MP2B	Z	-.552	-.552	0	%100
61	MP3B	X	-.319	-.319	0	%100
62	MP3B	Z	-.552	-.552	0	%100
63	MP4B	X	-.319	-.319	0	%100
64	MP4B	Z	-.552	-.552	0	%100
65	MP5B	X	-.319	-.319	0	%100
66	MP5B	Z	-.552	-.552	0	%100
67	M76A	X	-.289	-.289	0	%100
68	M76A	Z	-.501	-.501	0	%100
69	M77B	X	0	0	0	%100
70	M77B	Z	0	0	0	%100
71	M78A	X	-.289	-.289	0	%100
72	M78A	Z	-.501	-.501	0	%100
73	M85	X	0	0	0	%100
74	M85	Z	0	0	0	%100
75	M86	X	-.321	-.321	0	%100
76	M86	Z	-.557	-.557	0	%100
77	M87A	X	-.321	-.321	0	%100
78	M87A	Z	-.557	-.557	0	%100
79	M88A	X	-.31	-.31	0	%100
80	M88A	Z	-.537	-.537	0	%100
81	M89	X	-.591	-.591	0	%100
82	M89	Z	-1.024	-1.024	0	%100
83	M90A	X	-.31	-.31	0	%100
84	M90A	Z	-.537	-.537	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	Y	-.375	-3.915	0	1.329
2	FACE	Y	-3.915	-6.669	1.329	2.658
3	FACE	Y	-6.669	-5.714	2.658	3.987
4	FACE	Y	-5.714	-2.151	3.987	5.317
5	FACE	Y	-2.151	-.209	5.317	6.646
6	M14	Y	-.51	-5.253	0	1.108
7	M14	Y	-5.253	-8.584	1.108	2.217
8	M14	Y	-8.584	-8.85	2.217	3.325
9	M14	Y	-8.85	-5.526	3.325	4.433
10	M14	Y	-5.526	-.479	4.433	5.542
11	M15	Y	-.754	-.754	.047	.368
12	M16	Y	-.754	-.754	.048	.369
13	M61	Y	-.26	-2.137	6.646	7.975
14	M61	Y	-2.137	-6.53	7.975	9.304
15	M61	Y	-6.53	-8.377	9.304	10.633
16	M61	Y	-8.377	-4.964	10.633	11.963
17	M61	Y	-4.964	-.26	11.963	13.292
18	FACE	Y	-.26	-2.137	6.646	7.975
19	FACE	Y	-2.137	-6.53	7.975	9.304
20	FACE	Y	-6.53	-8.377	9.304	10.633
21	FACE	Y	-8.377	-4.964	10.633	11.962

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	FACE	Y	-4.964	-.26	11.962	13.292
23	M23	Y	-.51	-5.253	0	1.108
24	M23	Y	-5.253	-8.584	1.108	2.217
25	M23	Y	-8.584	-8.85	2.217	3.325
26	M23	Y	-8.85	-5.526	3.325	4.433
27	M23	Y	-5.526	-.479	4.433	5.542
28	M24	Y	-.754	-.754	.047	.368
29	M25	Y	-.754	-.754	.048	.369
30	M31	Y	-.375	-3.915	0	1.329
31	M31	Y	-3.915	-6.669	1.329	2.658
32	M31	Y	-6.669	-5.714	2.658	3.988
33	M31	Y	-5.714	-2.151	3.988	5.317
34	M31	Y	-2.151	-.209	5.317	6.646
35	M77	Y	-1.307	-4.295	0	1.108
36	M77	Y	-4.295	-7.658	1.108	2.217
37	M77	Y	-7.658	-8.757	2.217	3.325
38	M77	Y	-8.757	-5.593	3.325	4.433
39	M77	Y	-5.593	-.802	4.433	5.542
40	M78	Y	-.754	-.754	.047	.368
41	M79	Y	-.752	-.752	.053	.368
42	M31	Y	-.277	-2.292	6.646	7.975
43	M31	Y	-2.292	-6.195	7.975	9.304
44	M31	Y	-6.195	-7.897	9.304	10.633
45	M31	Y	-7.897	-4.85	10.633	11.963
46	M31	Y	-4.85	-.277	11.963	13.292
47	M61	Y	-.418	-3.836	0	1.329
48	M61	Y	-3.836	-7.582	1.329	2.658
49	M61	Y	-7.582	-6.723	2.658	3.988
50	M61	Y	-6.723	-2.175	3.988	5.317
51	M61	Y	-2.175	-.203	5.317	6.646

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	Y	-.922	-9.617	0	1.329
2	FACE	Y	-9.617	-16.383	1.329	2.658
3	FACE	Y	-16.383	-14.037	2.658	3.987
4	FACE	Y	-14.037	-5.284	3.987	5.317
5	FACE	Y	-5.284	-.513	5.317	6.646
6	M14	Y	-1.254	-12.905	0	1.108
7	M14	Y	-12.905	-21.089	1.108	2.217
8	M14	Y	-21.089	-21.742	2.217	3.325
9	M14	Y	-21.742	-13.575	3.325	4.433
10	M14	Y	-13.575	-1.176	4.433	5.542
11	M15	Y	-1.852	-1.852	.047	.368
12	M16	Y	-1.853	-1.853	.048	.369
13	M61	Y	-.638	-5.249	6.646	7.975
14	M61	Y	-5.249	-16.042	7.975	9.304
15	M61	Y	-16.042	-20.581	9.304	10.633
16	M61	Y	-20.581	-12.194	10.633	11.963
17	M61	Y	-12.194	-.638	11.963	13.292
18	FACE	Y	-.681	-5.63	6.646	7.975
19	FACE	Y	-5.63	-15.218	7.975	9.304
20	FACE	Y	-15.218	-19.4	9.304	10.633
21	FACE	Y	-19.4	-11.916	10.633	11.962
22	FACE	Y	-11.916	-.681	11.962	13.292
23	M23	Y	-3.21	-10.551	0	1.108

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M23	Y	-10.551	-18.813	1.108	2.217
25	M23	Y	-18.813	-21.514	2.217	3.325
26	M23	Y	-21.514	-13.74	3.325	4.433
27	M23	Y	-13.74	-1.97	4.433	5.542
28	M24	Y	-1.853	-1.853	.047	.368
29	M25	Y	-1.847	-1.847	.053	.368
30	M31	Y	-1.026	-9.423	0	1.329
31	M31	Y	-9.423	-18.627	1.329	2.658
32	M31	Y	-18.627	-16.517	2.658	3.988
33	M31	Y	-16.517	-5.342	3.988	5.317
34	M31	Y	-5.342	-.498	5.317	6.646
35	M77	Y	-1.254	-12.905	0	1.108
36	M77	Y	-12.905	-21.089	1.108	2.217
37	M77	Y	-21.089	-21.742	2.217	3.325
38	M77	Y	-21.742	-13.575	3.325	4.433
39	M77	Y	-13.575	-1.176	4.433	5.542
40	M78	Y	-1.852	-1.852	.047	.368
41	M79	Y	-1.853	-1.853	.048	.369
42	M31	Y	-.638	-5.249	6.646	7.975
43	M31	Y	-5.249	-16.042	7.975	9.304
44	M31	Y	-16.042	-20.581	9.304	10.633
45	M31	Y	-20.581	-12.194	10.633	11.963
46	M31	Y	-12.194	-.638	11.963	13.292
47	M61	Y	-.922	-9.617	0	1.329
48	M61	Y	-9.617	-16.383	1.329	2.658
49	M61	Y	-16.383	-14.037	2.658	3.988
50	M61	Y	-14.037	-5.284	3.988	5.317
51	M61	Y	-5.284	-.513	5.317	6.646

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	Z	-.011	-.117	0	1.329
2	FACE	Z	-.117	-.2	1.329	2.658
3	FACE	Z	-.2	-.171	2.658	3.987
4	FACE	Z	-.171	-.065	3.987	5.317
5	FACE	Z	-.065	-.006	5.317	6.646
6	M14	Z	-.015	-.158	0	1.108
7	M14	Z	-.158	-.258	1.108	2.217
8	M14	Z	-.258	-.265	2.217	3.325
9	M14	Z	-.265	-.166	3.325	4.433
10	M14	Z	-.166	-.014	4.433	5.542
11	M15	Z	-.023	-.023	.047	.368
12	M16	Z	-.023	-.023	.048	.369
13	M61	Z	-.008	-.064	6.646	7.975
14	M61	Z	-.064	-.196	7.975	9.304
15	M61	Z	-.196	-.251	9.304	10.633
16	M61	Z	-.251	-.149	10.633	11.963
17	M61	Z	-.149	-.008	11.963	13.292
18	FACE	Z	-.008	-.064	6.646	7.975
19	FACE	Z	-.064	-.196	7.975	9.304
20	FACE	Z	-.196	-.251	9.304	10.633
21	FACE	Z	-.251	-.149	10.633	11.962
22	FACE	Z	-.149	-.008	11.962	13.292
23	M23	Z	-.015	-.158	0	1.108
24	M23	Z	-.158	-.258	1.108	2.217
25	M23	Z	-.258	-.265	2.217	3.325

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
26	M23	Z	-.265	-.166	3.325	4.433
27	M23	Z	-.166	-.014	4.433	5.542
28	M24	Z	-.023	-.023	.047	.368
29	M25	Z	-.023	-.023	.048	.369
30	M31	Z	-.011	-.117	0	1.329
31	M31	Z	-.117	-.2	1.329	2.658
32	M31	Z	-.2	-.171	2.658	3.988
33	M31	Z	-.171	-.065	3.988	5.317
34	M31	Z	-.065	-.006	5.317	6.646
35	M77	Z	-.039	-.129	0	1.108
36	M77	Z	-.129	-.23	1.108	2.217
37	M77	Z	-.23	-.263	2.217	3.325
38	M77	Z	-.263	-.168	3.325	4.433
39	M77	Z	-.168	-.024	4.433	5.542
40	M78	Z	-.023	-.023	.047	.368
41	M79	Z	-.023	-.023	.053	.368
42	M31	Z	-.008	-.069	6.646	7.975
43	M31	Z	-.069	-.186	7.975	9.304
44	M31	Z	-.186	-.237	9.304	10.633
45	M31	Z	-.237	-.146	10.633	11.963
46	M31	Z	-.146	-.008	11.963	13.292
47	M61	Z	-.013	-.115	0	1.329
48	M61	Z	-.115	-.227	1.329	2.658
49	M61	Z	-.227	-.202	2.658	3.988
50	M61	Z	-.202	-.065	3.988	5.317
51	M61	Z	-.065	-.006	5.317	6.646

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	FACE	X	.011	.117	0	1.329
2	FACE	X	.117	.2	1.329	2.658
3	FACE	X	.2	.171	2.658	3.987
4	FACE	X	.171	.065	3.987	5.317
5	FACE	X	.065	.006	5.317	6.646
6	M14	X	.015	.158	0	1.108
7	M14	X	.158	.258	1.108	2.217
8	M14	X	.258	.265	2.217	3.325
9	M14	X	.265	.166	3.325	4.433
10	M14	X	.166	.014	4.433	5.542
11	M15	X	.023	.023	.047	.368
12	M16	X	.023	.023	.048	.369
13	M61	X	.008	.064	6.646	7.975
14	M61	X	.064	.196	7.975	9.304
15	M61	X	.196	.251	9.304	10.633
16	M61	X	.251	.149	10.633	11.963
17	M61	X	.149	.008	11.963	13.292
18	FACE	X	.008	.064	6.646	7.975
19	FACE	X	.064	.196	7.975	9.304
20	FACE	X	.196	.251	9.304	10.633
21	FACE	X	.251	.149	10.633	11.962
22	FACE	X	.149	.008	11.962	13.292
23	M23	X	.015	.158	0	1.108
24	M23	X	.158	.258	1.108	2.217
25	M23	X	.258	.265	2.217	3.325
26	M23	X	.265	.166	3.325	4.433
27	M23	X	.166	.014	4.433	5.542

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M24	X	.023	.023	.047	.368
29	M25	X	.023	.023	.048	.369
30	M31	X	.011	.117	0	1.329
31	M31	X	.117	.2	1.329	2.658
32	M31	X	.2	.171	2.658	3.988
33	M31	X	.171	.065	3.988	5.317
34	M31	X	.065	.006	5.317	6.646
35	M77	X	.039	.129	0	1.108
36	M77	X	.129	.23	1.108	2.217
37	M77	X	.23	.263	2.217	3.325
38	M77	X	.263	.168	3.325	4.433
39	M77	X	.168	.024	4.433	5.542
40	M78	X	.023	.023	.047	.368
41	M79	X	.023	.023	.053	.368
42	M31	X	.008	.069	6.646	7.975
43	M31	X	.069	.186	7.975	9.304
44	M31	X	.186	.237	9.304	10.633
45	M31	X	.237	.146	10.633	11.963
46	M31	X	.146	.008	11.963	13.292
47	M61	X	.013	.115	0	1.329
48	M61	X	.115	.227	1.329	2.658
49	M61	X	.227	.202	2.658	3.988
50	M61	X	.202	.065	3.988	5.317
51	M61	X	.065	.006	5.317	6.646

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N28	N29	N95	N94	Y	Two Way	-.005
2	N46	N47	N177	N176	Y	Two Way	-.005
3	N162	N158	N168	N169	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N28	N29	N95	N94	Y	Two Way	-.013
2	N47	N46	N176	N177	Y	Two Way	-.013
3	N158	N162	N169	N168	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N28	N29	N95	N94	Y	Two Way	0
2	N46	N47	N177	N176	Y	Two Way	0
3	N162	N158	N168	N169	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	N28	N29	N95	N94	Z	Two Way	-.000156
2	N46	N47	N177	N176	Z	Two Way	-.000156
3	N162	N158	N168	N169	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	N28	N29	N95	N94	X	Two Way	.000156
2	N46	N47	N177	N176	X	Two Way	.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
3	N162	N158	N168	N169	X	Two Way	.000156

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

	Member	Shape	Code Check	L...	LC	Shear C...	Loc.....	...	phi*P...	phi*P...	phi*M...	phi*M...	...	Eqn
1	FACE	L6X3.5X6	.146	6....	47	.166	.969	y	32 17783..	111456	4.002	11.379	...	H2-1
2	M31	L6X3.5X6	.140	3....	21	.158	7.2	z	9 17783..	111456	4.002	10.89	...	H2-1
3	M61	L6X3.5X6	.142	3....	17	.156	7.2	z	5 17783..	111456	4.002	10.774	...	H2-1
4	M13	HSS4X4...	.264	4....	22	.152	0	z	12 73425..	83592	9.909	9.909	...	H1-1b
5	M76	HSS4X4...	.265	4....	14	.151	0	z	4 73425..	83592	9.909	9.909	...	H1-1b
6	M22	HSS4X4...	.262	4....	18	.149	0	z	8 73425..	83592	9.909	9.909	...	H1-1b
7	MP4A	PIPE_2.0	.267	4....	10	.099	4.5...		8 12143..	32130	1.872	1.872	...	H1-1b
8	MP4C	PIPE_2.0	.267	4....	6	.098	4.5...		4 12143..	32130	1.872	1.872	...	H1-1b
9	MP4B	PIPE_2.0	.270	4....	2	.097	4.5...		12 12143..	32130	1.872	1.872	...	H1-1b
10	MP2C	PIPE_2.0	.237	3....	12	.091	3.9...		2 22356..	32130	1.872	1.872	...	H1-1b
11	MP2A	PIPE_2.0	.237	3....	4	.091	3.9...		6 22356..	32130	1.872	1.872	...	H1-1b
12	MP5C	PIPE_2.0	.238	4.5	7	.090	4.5		9 12143..	32130	1.872	1.872	...	H1-1b
13	MP5A	PIPE_2.0	.238	4.5	11	.090	4.5		1 12143..	32130	1.872	1.872	...	H1-1b
14	MP1B	PIPE_2.0	.221	4.5	7	.090	2.4...		6 12143..	32130	1.872	1.872	...	H1-1b
15	MP1A	PIPE_2.0	.219	4.5	3	.090	2.4...		2 12143..	32130	1.872	1.872	...	H1-1b
16	MP5B	PIPE_2.0	.240	4.5	3	.090	4.5		5 12143..	32130	1.872	1.872	...	H1-1b
17	MP2B	PIPE_2.0	.239	3....	8	.090	3.9...		10 22356..	32130	1.872	1.872	...	H1-1b
18	MP1C	PIPE_2.0	.218	4.5	11	.090	2.4...		10 12143..	32130	1.872	1.872	...	H1-1b
19	M77B	PIPE_2.5	.133	6....	3	.080	3.4...		8 12876..	50715	3.596	3.596	...	H1-1b
20	M76A	PIPE_2.5	.129	6....	11	.079	3.4...		4 12876..	50715	3.596	3.596	...	H1-1b
21	M78A	PIPE_2.5	.133	6....	7	.079	3.4...		12 12876..	50715	3.596	3.596	...	H1-1b
22	M50	PL1/2x9	.362	.7...	22	.078	.722	y	28 68204..	145800	1.519	27.338	...	H1-1b
23	M84	PL1/2x9	.367	.7...	14	.072	.722	y	20 68204..	145800	1.519	27.338	...	H1-1b
24	M90	PL1/2x9	.363	.7...	18	.071	.722	y	24 68204..	145800	1.519	27.338	...	H1-1b
25	MP3B	PIPE_2.0	.311	4....	5	.062	1.9...		3 12143..	32130	1.872	1.872	...	H1-1b
26	MP3C	PIPE_2.0	.305	4....	9	.061	1.9...		7 12143..	32130	1.872	1.872	...	H1-1b
27	MP3A	PIPE_2.0	.305	4....	1	.060	1.9...		11 12143..	32130	1.872	1.872	...	H1-1b
28	M85	L3X3X4	.231	0	11	.055	.488	y	6 45501..	46656	1.688	3.756	...	H2-1
29	M87A	L3X3X4	.234	0	7	.055	0	y	2 45501..	46656	1.688	3.756	...	H2-1
30	M86	L3X3X4	.234	0	3	.054	0	y	10 45501..	46656	1.688	3.756	...	H2-1
31	M78	PL1/4x3.5	.523	.4...	24	.052	.417	y	14 22517..	28350	.149	2.068	...	H1-1b
32	M16	PL1/4x3.5	.524	0	22	.052	0	y	19 22518..	28350	.149	2.068	...	H1-1b
33	M79	PL1/4x3.5	.529	0	14	.052	0	y	23 22518..	28350	.149	2.068	...	H1-1b
34	M15	PL1/4x3.5	.528	.4...	20	.051	.417	y	22 22517..	28350	.149	2.068	...	H1-1b
35	M25	PL1/4x3.5	.521	0	18	.051	0	y	15 22518..	28350	.149	2.068	...	H1-1b
36	M24	PL1/4x3.5	.520	.4...	16	.051	.417	y	18 22517..	28350	.149	2.068	...	H1-1b
37	M14	L4X4X4	.549	2....	21	.036	2.7...	z	20 41543..	62532	3.138	6.111	...	H2-1
38	M77	L4X4X4	.549	2....	13	.036	2.7...	z	24 41543..	62532	3.138	6.111	...	H2-1
39	M23	L4X4X4	.540	2....	17	.036	2.7...	z	16 41543..	62532	3.138	6.111	...	H2-1
40	M88A	LL3x3x3...	.148	4....	13	.003	4.4...	y	23 46501..	70632	6.362	3.751	1	H1-1...
41	M89	LL3x3x3...	.148	4....	21	.003	0	y	31 46501..	70632	6.362	3.751	1	H1-1...
42	M90A	LL3x3x3...	.147	4....	17	.003	4.4...	y	15 46501..	70632	6.362	3.751	1	H1-1...

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N153A	max	1812.653	10	575.487	19	5061.614	1	.478	19	2.169	4	.613	4
2		min	-1814.138	4	-142.991	1	-3555.273	7	-.149	1	-2.165	10	-.603	10
3	N26	max	4362.783	9	576.504	15	1809.982	3	.464	12	2.166	12	.204	31
4		min	-3061.304	3	-141.154	9	-2564.758	9	-.583	6	-2.169	6	-.439	1
5	N44	max	3109.121	11	562.21	23	1753.499	11	.445	2	2.137	8	.428	13

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
6		min	-4368.373	5	-145.625	5	-2478.875	5	-.595	8	-2.137	2	-.182	8
7	N177A	max	39.05	10	3135.389	13	96.866	7	0	75	0	10	0	4
8		min	-39.056	4	-36.019	7	-6152.507	13	0	1	0	4	0	10
9	N179A	max	84.962	3	3133.199	21	3074.119	21	0	12	0	30	0	30
10		min	-5324.394	21	-36.638	3	-49.049	3	0	30	0	12	0	12
11	N181	max	5282.717	17	3109.16	17	3049.942	17	0	2	0	2	0	2
12		min	-102.337	11	-46.674	11	-59.088	11	0	50	0	50	0	50
13	Totals:	max	5289.418	10	9798.276	18	5275.741	1						
14		min	-5289.413	4	2608.81	75	-5275.755	7						

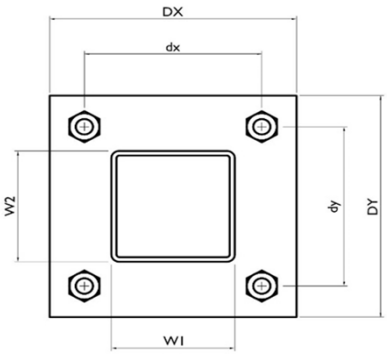
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/3/2023
Site Name:	New Britain 3 CT		
MDG #:	5000382471		
Fuze ID #:	17123743	Page:	1

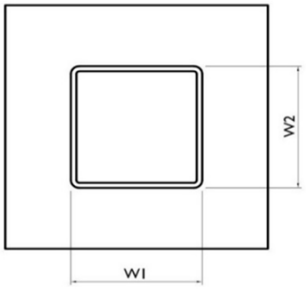
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6.5
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6.5
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	2.3
Required Shear Strength / bolt (kips):	0.8
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**11.2%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8.5
Plate Height, D_y (in):	8.5
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.1875
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.75
Length of Yield Line, L_y (in):	6.30
Bolt Eccentricity, e (in):	1.94
M_u (kip-in):	4.52
Phi*M_n (kip-in):	28.71
Plate Bending Utilization:	**15.7%**

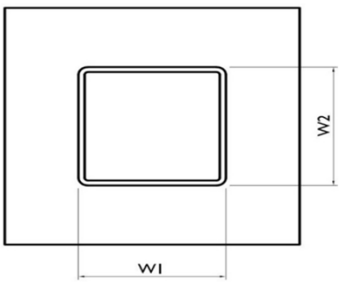


VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/3/2023
Site Name:	New Britain 3 CT		
PSLC #:	5000382471		
Fuze ID #:	17123743	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	6
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.1875
c_y (in)	2.1875
Required combined strength (kip/in):	0.98
Weld Capacity (kip/in):	8.35
Weld Utilization:	**11.7%**



Date: **August 03, 2023**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000382471
	Site Name:	NEW BRITAIN 3 CT
Crown Castle Designation:	**BU Number:**	803175
	Site Name:	CT NEW BRITAIN 3 CAC 803175
	JDE Job Number:	751323
	Work Order Number:	2247612
	Order Number:	654628 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number:**	2247612
Site Data:	**167 Coccomo, New Britain, Hartford County, CT** **Latitude *41° 41' 11.8"*, Longitude *-72° 45' 27.8"*** **188 Foot - Monopole Tower**	

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

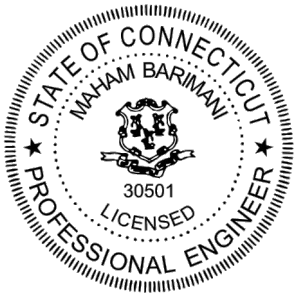
The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC7: Proposed Equipment Configuration **Sufficient Capacity**

This analysis has been performed in accordance with the 2022 Connecticut Building Code (2021 IBC) based upon an ultimate 3-second gust wind speed of 118 mph. Applicable Standard references and design criteria are listed in Section 2 - "Analysis Criteria".

Structural analysis prepared by: Didi Rossmiller

Respectfully submitted by:



Maham Barimani, P.E.
Senior Project Engineer

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 188 ft Monopole tower designed by SUMMIT.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	118 mph
Exposure Category:	C
Topographic Factor:	1
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)
144.0	146.0	3	samsung telecom.	MT6407-77A w/ Mount Pipe	8	1-5/8
		3	samsung telecom.	RFV01U-D2A		
	145.0	3	amphenol	BXA-80063-6BF-EDIN-4		
		6	andrew	SBNHH-1D65B w/ Mount Pipe		
		1	kaelus	BSF0020F3V1		
		2	raycap	RRFDC-3315-PF-48		
		3	samsung telecom.	RFV01U-D1A		
	144.0	1	tower mounts	Platform Mount [LP 602-1_KCKR]		
	143.0	3	samsung telecom.	CBRS w/ Mount Pipe		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
189.0	190.0	1	cci antennas_cfd	DMP65R-BU4D w/ Mount Pipe	3 6 3	3/8 13/16 7/8
		2	cci antennas_cfd	DMP65R-BU6D w/ Mount Pipe		
		3	ericsson	RRUS 4415 B25		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14		
		3	ericsson_cfd	AIR 6419 B77G w/ Mount Pipe		
		3	ericsson_cfd	AIR 6449 N77 w/ Mount Pipe		
		1	quintel technology	QD4616-7 w/ Mount Pipe		
		2	quintel technology	QD6616-7 w/ Mount Pipe		
		3	raycap	DC9-48-60-24-8C-EV		
	189.0	3	ericsson	RRUS 32 B30		
		3	ericsson	RRUS 32 B66		
		1	tower mounts	Platform Mount [LP 1201-1_KCKR-HR-1]		
171.0	173.0	3	fujitsu	TA08025-B604	1	1-3/4

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		3	fujitsu	TA08025-B605		
		3	jma wireless_cfd	MX08FRO665-21 w/ Mount Pipe		
		1	raycap	RDIDC-9181-PF-48		
	171.0	1	tower mounts	Commscope MC-PK8-DSH		
162.0	162.0	1	tower mounts	Platform Mount [LP 602-1_KCKR]	1 2	1-1/2 1-5/8
	161.0	3	ericsson	RADIO 4449 B12/B71		
		3	ericsson	RRUS 4415 B25		
		3	ericsson_cfd	AIR -32 B2A/B66AA		
		3	ericsson_cfd	AIR 3246 B66 w/ Mount Pipe		
		3	ericsson_cfd	AIR 6454 B41 w/ Mount Pipe		
		3	rfs celwave_cfd	APXVAARR24_43-U-NA20		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	679661	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	679660	CCISITES
4-TOWER MANUFACTURER DRAWINGS	679659	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) Tower and structures were maintained in accordance with the TIA-222 Standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	188 - 137	Pole	TP32.711x22x0.25	1	-19.25	1538.67	65.8	Pass
L2	137 - 90.25	Pole	TP42.03x31.3184x0.3125	2	-29.23	2474.49	89.9	Pass
L3	90.25 - 44.5	Pole	TP51.014x40.3023x0.375	3	-42.68	3602.47	87.9	Pass
L4	44.5 - 0	Pole	TP59.61x48.8988x0.5	4	-65.25	5762.13	68.3	Pass

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
							Summary	
						Pole (L2)	89.9	Pass
						Rating =	89.9	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	77.4	Pass
1	Base Plate	0	73.3	Pass
1	Base Foundation (Structure)	0	55.8	Pass
1	Base Foundation (Soil Interaction)	0	89.7	Pass

Structure Rating (max from all components) =	89.9%

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

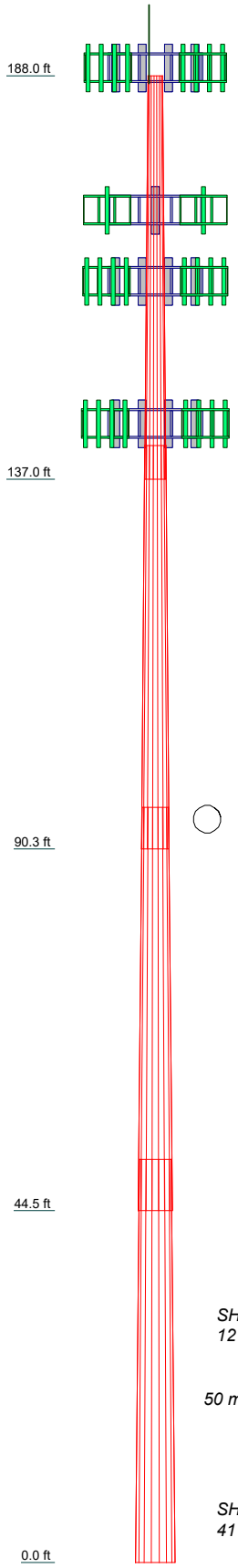
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	51.00	18	0.2500	4.25	22.0000	32.7110	A607-65	3.7
2	51.00	18	0.3125	5.25	31.3184	42.0300		6.3
3	51.00	18	0.3750	6.50	40.3023	51.0140		9.4
4	51.00	18	0.5000		48.8988	59.6100		14.8
								34.1



ALL REACTIONS ARE FACTORED

AXIAL 104 K
SHEAR 12 K
MOMENT 1787 kip-ft
TORQUE 0 kip-ft
50 mph WIND - 1.5000 in ICE

AXIAL 65 K
SHEAR 41 K
MOMENT 5622 kip-ft
TORQUE 1 kip-ft
REACTIONS - 118 mph WIND

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A607-65	65 ksi	80 ksi			

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 118 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: 89.9%

Crown Castle
2000 Corporate Drive
Canonsburg, PA 15317
The Foundation for a Wireless World
Phone: 724-416-2000
FAX:

Job: ***BU 803175***			
Project:			
Client: Crown Castle	Drawn by: DRossmiller	App'd:	
Code: TIA-222-H	Date: 08/03/23	Scale: NTS	
Path: C:\Active WO\803175\WO 2247612 - SA\Prod\803175.eri		Dwg No. E-1	

Tower Input Data

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

- Tower is located in Hartford County, Connecticut.
- Tower base elevation above sea level: 88.00 ft.
- Basic wind speed of 118 mph.
- Risk Category II.
- Exposure Category C.
- Simplified Topographic Factor Procedure for wind speed-up calculations is used.
- Topographic Category: 1.
- Crest Height: 0.00 ft.
- Nominal ice thickness of 1.5000 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		Distribute Leg Loads As Uniform		Use ASCE 10 X-Brace Ly Rules
	Consider Moments - Horizontals		Assume Legs Pinned		Calculate Redundant Bracing Forces
	Consider Moments - Diagonals	√	Assume Rigid Index Plate		Ignore Redundant Members in FEA
	Use Moment Magnification	√	Use Clear Spans For Wind Area		SR Leg Bolts Resist Compression
√	Use Code Stress Ratios		Use Clear Spans For KL/r		All Leg Panels Have Same Allowable
√	Use Code Safety Factors - Guys		Retension Guys To Initial Tension		Offset Girt At Foundation
	Escalate Ice	√	Bypass Mast Stability Checks	√	Consider Feed Line Torque
	Always Use Max Kz	√	Use Azimuth Dish Coefficients		Include Angle Block Shear Check
	Use Special Wind Profile	√	Project Wind Area of Appurt.		Use TIA-222-H Bracing Resist. Exemption
	Include Bolts In Member Capacity		Autocalc Torque Arm Areas		Use TIA-222-H Tension Splice Exemption
	Leg Bolts Are At Top Of Section		Add IBC .6D+W Combination		Poles
	Secondary Horizontal Braces Leg	√	Sort Capacity Reports By Component	√	Include Shear-Torsion Interaction
	Use Diamond Inner Bracing (4 Sided)		Triangulate Diamond Inner Bracing		Always Use Sub-Critical Flow
	SR Members Have Cut Ends		Treat Feed Line Bundles As Cylinder		Use Top Mounted Sockets
	SR Members Are Concentric		Ignore KL/ry For 60 Deg. Angle Legs		Pole Without Linear Attachments
					Pole With Shroud Or No Appurtenances
					Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	188.00-137.00	51.00	4.25	18	22.0000	32.7110	0.2500	1.0000	A607-65 (65 ksi)
L2	137.00-90.25	51.00	5.25	18	31.3184	42.0300	0.3125	1.2500	A607-65 (65 ksi)
L3	90.25-44.50	51.00	6.50	18	40.3023	51.0140	0.3750	1.5000	A607-65 (65 ksi)
L4	44.50-0.00	51.00		18	48.8988	59.6100	0.5000	2.0000	A607-65 (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	22.3008	17.2586	1031.4832	7.7212	11.1760	92.2945	2064.3237	8.6310	3.4320	13.728
	33.1771	25.7578	3429.0204	11.5237	16.6172	206.3538	6862.5527	12.8813	5.3171	21.269
L2	32.6597	30.7540	3735.3228	11.0071	15.9098	234.7819	7475.5606	15.3799	4.9620	15.879
	42.6302	41.3785	9098.0688	14.8097	21.3512	426.1143	18208.1091	20.6932	6.8473	21.911
L3	41.9859	47.5235	9571.6471	14.1742	20.4736	467.5120	19155.8887	23.7663	6.4332	17.155
	51.7431	60.2731	19526.7966	17.9768	25.9151	753.4907	39079.2871	30.1423	8.3185	22.183
L4	50.9622	76.8089	22730.9630	17.1816	24.8406	915.0736	45491.8360	38.4117	7.7262	15.452
	60.4524	93.8076	41409.2395	20.9841	30.2819	1367.4593	82872.9664	46.9127	9.6114	19.223

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 188.00-137.00				1	1	1			
L2 137.00-90.25				1	1	1			
L3 90.25-44.50				1	1	1			
L4 44.50-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
***										
Safety Line 3/8	C	No	Surface Ar (CaAa)	188.00 - 0.00	1	1	0.500 0.500	0.3750		0.22
***										
3/8-in Detuner Wire	A	No	Surface Ar (CaAa)	133.00 - 0.00	1	1	0.000 0.000	0.3750		0.10
3/8-in Detuner Wire	B	No	Surface Ar (CaAa)	133.00 - 0.00	1	1	0.000 0.000	0.3750		0.10
3/8-in Detuner Wire	C	No	Surface Ar (CaAa)	133.00 - 0.00	1	1	0.000 0.000	0.3750		0.10

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
189									
PWRT-606-S(7/8)	B	No	No	Inside Pole	188.00 - 0.00	3	No Ice	0.00	0.89
							1/2" Ice	0.00	0.89
							1" Ice	0.00	0.89
							2" Ice	0.00	0.89
PWRT-608-S(13/16)	B	No	No	Inside Pole	188.00 - 0.00	6	No Ice	0.00	0.62
							1/2" Ice	0.00	0.62
							1" Ice	0.00	0.62
							2" Ice	0.00	0.62
FB-L98B-235-XXX(3/8)	B	No	No	Inside Pole	188.00 - 0.00	3	No Ice	0.00	0.06
							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
							2" Ice	0.00	0.06
171									
CU12PSM6P4XXX (1-3/4)	C	No	No	Inside Pole	171.00 - 0.00	1	No Ice	0.00	2.72
							1/2" Ice	0.00	2.72
							1" Ice	0.00	2.72
							2" Ice	0.00	2.72
162									
LCF158-50J(1-5/8)	C	No	No	Inside Pole	162.00 - 0.00	6	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
MLE Hybrid 9Power/18Fiber RL 2(1-5/8)	C	No	No	Inside Pole	162.00 - 0.00	1	No Ice	0.00	1.07
							1/2" Ice	0.00	1.07
							1" Ice	0.00	1.07
							2" Ice	0.00	1.07
HCS 6X12 4AWG(1-5/8)	C	No	No	Inside Pole	162.00 - 0.00	3	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
144									
HB158-1-08U8-S8J18(1-5/8)	B	No	No	Inside Pole	144.00 - 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
LCF158-50J(1-5/8)	B	No	No	Inside Pole	144.00 - 0.00	6	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

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	188.00-137.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.39
		C	0.000	0.000	1.912	0.000	0.45
L2	137.00-90.25	A	0.000	0.000	1.603	0.000	0.00
		B	0.000	0.000	1.603	0.000	0.69
		C	0.000	0.000	3.356	0.000	0.79
L3	90.25-44.50	A	0.000	0.000	1.716	0.000	0.00
		B	0.000	0.000	1.716	0.000	0.68
		C	0.000	0.000	3.431	0.000	0.77
L4	44.50-0.00	A	0.000	0.000	1.669	0.000	0.00
		B	0.000	0.000	1.669	0.000	0.66
		C	0.000	0.000	3.337	0.000	0.75

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	188.00-137.00	A	1.494	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.39
		C		0.000	0.000	17.151	0.000	0.62
L2	137.00-90.25	A	1.442	0.000	0.000	14.377	0.000	0.15
		B		0.000	0.000	14.377	0.000	0.84
		C		0.000	0.000	30.099	0.000	1.09
L3	90.25-44.50	A	1.369	0.000	0.000	14.908	0.000	0.15
		B		0.000	0.000	14.908	0.000	0.82
		C		0.000	0.000	29.816	0.000	1.06
L4	44.50-0.00	A	1.227	0.000	0.000	13.849	0.000	0.13
		B		0.000	0.000	13.849	0.000	0.79
		C		0.000	0.000	27.698	0.000	1.01

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	188.00-137.00	-0.2610	0.1507	-1.1846	0.6839
L2	137.00-90.25	-0.2505	0.1446	-1.0280	0.5935
L3	90.25-44.50	-0.2521	0.1455	-1.0494	0.6059
L4	44.50-0.00	-0.2538	0.1465	-1.0556	0.6095

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	19	Safety Line 3/8	137.00 - 188.00	1.0000	1.0000
L2	19	Safety Line 3/8	90.25 - 137.00	1.0000	1.0000
L2	21	3/8-in Detuner Wire	90.25 - 133.00	1.0000	1.0000
L2	22	3/8-in Detuner Wire	90.25 - 133.00	1.0000	1.0000
L2	23	3/8-in Detuner Wire	90.25 - 133.00	1.0000	1.0000
L3	19	Safety Line 3/8	44.50 - 90.25	1.0000	1.0000
L3	21	3/8-in Detuner Wire	44.50 - 90.25	1.0000	1.0000
L3	22	3/8-in Detuner Wire	44.50 - 90.25	1.0000	1.0000
L3	23	3/8-in Detuner Wire	44.50 - 90.25	1.0000	1.0000
L4	19	Safety Line 3/8	0.00 - 44.50	1.0000	1.0000
L4	21	3/8-in Detuner Wire	0.00 - 44.50	1.0000	1.0000
L4	22	3/8-in Detuner Wire	0.00 - 44.50	1.0000	1.0000
L4	23	3/8-in Detuner Wire	0.00 - 44.50	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
3/4" x 8-ft Lightning Rod	C	From Leg	0.00 0.00 4.00	0.0000	188.00
189					
AIR 6419 B77G w/ Mount Pipe	A	From Centroid-Face	4.00 -7.00 1.00	20.0000	189.00
AIR 6419 B77G w/ Mount Pipe	B	From Centroid-Face	4.00 -7.00 1.00	10.0000	189.00
AIR 6419 B77G w/ Mount Pipe	C	From Centroid-Face	4.00 -7.00 1.00	20.0000	189.00
DMP65R-BU6D w/ Mount Pipe	A	From Centroid-Face	4.00 2.50 1.00	20.0000	189.00
DMP65R-BU6D w/ Mount Pipe	B	From Centroid-Face	4.00 -2.50 1.00	10.0000	189.00
DMP65R-BU4D w/ Mount Pipe	C	From Centroid-Face	4.00 2.50 1.00	20.0000	189.00
QD4616-7 w/ Mount Pipe	A	From Centroid-Face	4.00 -2.50 1.00	20.0000	189.00
QD6616-7 w/ Mount Pipe	B	From Centroid-Face	4.00 2.50 1.00	10.0000	189.00
QD6616-7 w/ Mount Pipe	C	From Centroid-Face	4.00 -2.50 1.00	20.0000	189.00
AIR 6449 N77 w/ Mount Pipe	A	From Centroid-Face	4.00 7.00 1.00	20.0000	189.00
AIR 6449 N77 w/ Mount Pipe	B	From Centroid-Face	4.00 7.00 1.00	10.0000	189.00
AIR 6449 N77 w/ Mount Pipe	C	From Centroid-Face	4.00 7.00 1.00	20.0000	189.00
DC9-48-60-24-8C-EV	A	From Centroid-Face	4.00 7.00 1.00	20.0000	189.00
DC9-48-60-24-8C-EV	B	From Centroid-Face	4.00 -7.00 1.00	10.0000	189.00
DC9-48-60-24-8C-EV	C	From Centroid-Face	4.00 7.00 1.00	20.0000	189.00
RRUS 32 B30	A	From Centroid-Face	4.00 -2.50 0.00	20.0000	189.00
RRUS 32 B30	B	From Centroid-Face	4.00 -2.50 0.00	10.0000	189.00
RRUS 32 B30	C	From Centroid-Face	4.00 2.50 0.00	20.0000	189.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
RRUS 4478 B14	A	From Centroid-Face	4.00 -2.50 1.00	20.0000	189.00
RRUS 4478 B14	B	From Centroid-Face	4.00 -2.50 1.00	10.0000	189.00
RRUS 4478 B14	C	From Centroid-Face	4.00 -2.50 1.00	20.0000	189.00
RRUS 4449 B5/B12	A	From Centroid-Face	4.00 2.50 1.00	20.0000	189.00
RRUS 4449 B5/B12	B	From Centroid-Face	4.00 2.50 1.00	10.0000	189.00
RRUS 4449 B5/B12	C	From Centroid-Face	4.00 2.50 1.00	20.0000	189.00
RRUS 32 B66	A	From Centroid-Face	4.00 2.50 0.00	20.0000	189.00
RRUS 32 B66	B	From Centroid-Face	4.00 2.50 0.00	10.0000	189.00
RRUS 32 B66	C	From Centroid-Face	4.00 -2.50 0.00	20.0000	189.00
RRUS 4415 B25	A	From Centroid-Face	4.00 -7.00 1.00	20.0000	189.00
RRUS 4415 B25	B	From Centroid-Face	4.00 7.00 1.00	10.0000	189.00
RRUS 4415 B25	C	From Centroid-Face	4.00 -7.00 1.00	20.0000	189.00
2.4" Dia. x 6-ft	A	From Centroid-Leg	2.00 0.00 0.00	0.0000	189.00
2.4" Dia. x 6-ft	B	From Centroid-Leg	2.00 0.00 0.00	0.0000	189.00
2.4" Dia. x 6-ft	C	From Centroid-Leg	2.00 0.00 0.00	0.0000	189.00
Platform Mount [LP 1201-1_KCKR-HR-1] ***171***	C	None		0.0000	189.00
MX08FRO665-21 w/ Mount Pipe	A	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
MX08FRO665-21 w/ Mount Pipe	B	From Centroid-Leg	4.00 0.00 2.00	-10.0000	171.00
MX08FRO665-21 w/ Mount Pipe	C	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
TA08025-B604	A	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
TA08025-B604	B	From Centroid-Leg	4.00 0.00 2.00	-10.0000	171.00
TA08025-B604	C	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
TA08025-B605	A	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
TA08025-B605	B	From Centroid-Leg	4.00 0.00 2.00	-10.0000	171.00
TA08025-B605	C	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
RDIDC-9181-PF-48	A	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
(2) 2.4" Dia x 8-ft Mount Pipe	A	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
(2) 2.4" Dia x 8-ft Mount Pipe	B	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
(2) 2.4" Dia x 8-ft Mount Pipe	C	From Centroid-Leg	4.00 0.00 2.00	0.0000	171.00
Commscope MC-PK8-DSH **162**	C	None		0.0000	171.00
AIR 6454 B41 w/ Mount Pipe	A	From Centroid-Face	4.00 -6.00 -1.00	0.0000	162.00
AIR 6454 B41 w/ Mount Pipe	B	From Centroid-Face	4.00 -6.00 -1.00	-15.0000	162.00
AIR 6454 B41 w/ Mount Pipe	C	From Centroid-Face	4.00 -6.00 -1.00	-10.0000	162.00
AIR 3246 B66 w/ Mount Pipe	A	From Centroid-Face	4.00 -2.00 -1.00	0.0000	162.00
AIR 3246 B66 w/ Mount Pipe	B	From Centroid-Face	4.00 -2.00 -1.00	-15.0000	162.00
AIR 3246 B66 w/ Mount Pipe	C	From Centroid-Face	4.00 -2.00 -1.00	-10.0000	162.00
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Centroid-Face	4.00 2.00 -1.00	0.0000	162.00
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Centroid-Face	4.00 2.00 -1.00	-15.0000	162.00
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Centroid-Face	4.00 2.00 -1.00	-10.0000	162.00
AIR -32 B2A/B66AA w/ Mount Pipe	A	From Centroid-Face	4.00 6.00 -1.00	0.0000	162.00
AIR -32 B2A/B66AA w/ Mount Pipe	B	From Centroid-Face	4.00 6.00 -1.00	-15.0000	162.00
AIR -32 B2A/B66AA w/ Mount Pipe	C	From Centroid-Face	4.00 6.00 -1.00	-10.0000	162.00
RADIO 4449 B12/B71	A	From Centroid-Face	4.00 -6.00 -1.00	0.0000	162.00
RADIO 4449 B12/B71	B	From Centroid-Face	4.00 -6.00 -1.00	-15.0000	162.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
RADIO 4449 B12/B71	C	From Centroid-Face	4.00 -6.00 -1.00	-10.0000	162.00
RRUS 4415 B25	A	From Centroid-Face	4.00 6.00 -1.00	0.0000	162.00
RRUS 4415 B25	B	From Centroid-Face	4.00 6.00 -1.00	-15.0000	162.00
RRUS 4415 B25	C	From Centroid-Face	4.00 6.00 -1.00	-10.0000	162.00
Platform Mount [LP 602-1_KCKR] **144**	C	None		0.0000	162.00
Platform Mount [LP 602-1_KCKR]	C	None		0.0000	144.00
BSF0020F3V1	B	From Leg	4.00 0.00 1.00	0.0000	144.00
BXA-80063-6BF-EDIN-4 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	144.00
BXA-80063-6BF-EDIN-4 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	144.00
BXA-80063-6BF-EDIN-4 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	144.00
(2) SBNHH-1D65B w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	144.00
(2) SBNHH-1D65B w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	144.00
(2) SBNHH-1D65B w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	144.00
CBRS w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	144.00
CBRS w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	144.00
CBRS w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	144.00
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.0000	144.00
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.0000	144.00
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.0000	144.00
(2) RRFDC-3315-PF-48	A	From Leg	4.00 0.00 1.00	0.0000	144.00
RFV01U-D1A	A	From Leg	4.00 0.00 1.00	0.0000	144.00
RFV01U-D1A	B	From Leg	4.00 0.00 1.00	0.0000	144.00
RFV01U-D1A	C	From Leg	4.00 0.00	0.0000	144.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
(3) RFV01U-D2A	A	From Leg	1.00 4.00 0.00 2.00	0.0000	144.00
Detuner					
Side Arm Mount [SO 701-3]	C	None		0.0000	133.00
**					
1" Dia x 3.5-ft	A	From Leg	1.50 0.00 0.00	0.0000	100.00
1" Dia x 3.5-ft	B	From Leg	1.50 0.00 0.00	0.0000	100.00
1" Dia x 3.5-ft	C	From Leg	1.50 0.00 0.00	0.0000	100.00
**					
1" Dia x 3.5-ft	A	From Leg	1.50 0.00 0.00	0.0000	70.00
1" Dia x 3.5-ft	B	From Leg	1.50 0.00 0.00	0.0000	70.00
1" Dia x 3.5-ft	C	From Leg	1.50 0.00 0.00	0.0000	70.00
**					
1" Dia x 3.5-ft	A	From Leg	1.50 0.00 0.00	0.0000	40.00
1" Dia x 3.5-ft	B	From Leg	1.50 0.00 0.00	0.0000	40.00
1" Dia x 3.5-ft	C	From Leg	1.50 0.00 0.00	0.0000	40.00
**					
1" Dia x 3.5-ft	A	From Leg	1.50 0.00 0.00	0.0000	10.00
1" Dia x 3.5-ft	B	From Leg	1.50 0.00 0.00	0.0000	10.00
1" Dia x 3.5-ft	C	From Leg	1.50 0.00 0.00	0.0000	10.00
**					

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice

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

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	188 - 137	Pole	Max Tension	39	0.00	0.00	-0.00
			Max. Compression	26	-47.09	-1.32	4.25
			Max. Mx	8	-19.38	-736.25	8.76
			Max. My	2	-19.25	-7.72	746.68
			Max. Vy	8	27.13	-736.25	8.76
			Max. Vx	2	-27.65	-7.72	746.68
			Max. Torque	4			-1.50
L2	137 - 90.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-60.16	-1.47	4.41
			Max. Mx	8	-29.31	-2083.65	14.01
			Max. My	2	-29.23	-12.97	2118.23
			Max. Vy	8	31.66	-2083.65	14.01
			Max. Vx	2	-32.18	-12.97	2118.23
			Max. Torque	24			-1.28
L3	90.25 - 44.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-76.95	-1.47	4.11
			Max. Mx	8	-42.72	-3589.87	18.86
			Max. My	2	-42.68	-17.83	3647.64

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	8	35.93	-3589.87	18.86
			Max. Vx	2	-36.44	-17.83	3647.64
			Max. Torque	24			-1.27
L4	44.5 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-103.80	-1.47	3.74
			Max. Mx	8	-65.26	-5538.62	24.08
			Max. My	2	-65.25	-23.06	5622.08
			Max. Vy	8	40.16	-5538.62	24.08
			Max. Vx	2	-40.65	-23.06	5622.08
			Max. Torque	24			-1.26

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	103.80	-0.02	12.13
	Max. H_x	20	65.29	40.10	-0.10
	Max. H_z	2	65.29	-0.10	40.59
	Max. M_x	2	5622.08	-0.10	40.59
	Max. M_z	8	5538.62	-40.10	0.10
	Max. Torsion	12	1.23	-19.97	-35.11
	Min. Vert	7	48.97	-34.78	20.38
	Min. H_x	8	65.29	-40.10	0.10
	Min. H_z	14	65.29	0.10	-40.59
	Min. M_x	14	-5618.95	0.10	-40.59
	Min. M_z	20	-5537.44	40.10	-0.10
	Min. Torsion	24	-1.26	19.97	35.11

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	54.41	0.00	0.00	-1.17	-0.43	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	65.29	0.10	-40.59	-5622.08	-23.06	1.17
0.9 Dead+1.0 Wind 0 deg - No Ice	48.97	0.10	-40.59	-5524.99	-22.40	1.16
1.2 Dead+1.0 Wind 30 deg - No Ice	65.29	20.14	-35.21	-4880.30	-2788.75	0.75
0.9 Dead+1.0 Wind 30 deg - No Ice	48.97	20.14	-35.21	-4795.91	-2740.57	0.74
1.2 Dead+1.0 Wind 60 deg - No Ice	65.29	34.78	-20.38	-2831.46	-4807.62	0.12
0.9 Dead+1.0 Wind 60 deg - No Ice	48.97	34.78	-20.38	-2782.24	-4724.76	0.12
1.2 Dead+1.0 Wind 90 deg - No Ice	65.29	40.10	-0.10	-24.08	-5538.62	-0.53
0.9 Dead+1.0 Wind 90 deg - No Ice	48.97	40.10	-0.10	-23.14	-5443.24	-0.52
1.2 Dead+1.0 Wind 120 deg - No Ice	65.29	34.68	20.21	2789.54	-4785.47	-1.02
0.9 Dead+1.0 Wind 120 deg - No Ice	48.97	34.68	20.21	2742.05	-4703.09	-1.00
1.2 Dead+1.0 Wind 150 deg - No Ice	65.29	19.97	35.11	4855.02	-2749.99	-1.23
0.9 Dead+1.0 Wind 150 deg - No Ice	48.97	19.97	35.11	4771.96	-2702.67	-1.21
1.2 Dead+1.0 Wind 180 deg - No Ice	65.29	-0.10	40.59	5618.95	21.93	-1.12

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
0.9 Dead+1.0 Wind 180 deg - No Ice	48.97	-0.10	40.59	5522.73	21.58	-1.10
1.2 Dead+1.0 Wind 210 deg - No Ice	65.29	-20.14	35.21	4877.15	2787.62	-0.73
0.9 Dead+1.0 Wind 210 deg - No Ice	48.97	-20.14	35.21	4793.62	2739.75	-0.72
1.2 Dead+1.0 Wind 240 deg - No Ice	65.29	-34.78	20.38	2828.29	4806.46	-0.16
0.9 Dead+1.0 Wind 240 deg - No Ice	48.97	-34.78	20.38	2779.94	4723.93	-0.16
1.2 Dead+1.0 Wind 270 deg - No Ice	65.29	-40.10	0.10	20.92	5537.44	0.48
0.9 Dead+1.0 Wind 270 deg - No Ice	48.97	-40.10	0.10	20.85	5442.39	0.46
1.2 Dead+1.0 Wind 300 deg - No Ice	65.29	-34.68	-20.21	-2792.67	4784.29	1.00
0.9 Dead+1.0 Wind 300 deg - No Ice	48.97	-34.68	-20.21	-2744.32	4702.23	0.98
1.2 Dead+1.0 Wind 330 deg - No Ice	65.29	-19.97	-35.11	-4858.13	2748.84	1.26
0.9 Dead+1.0 Wind 330 deg - No Ice	48.97	-19.97	-35.11	-4774.21	2701.83	1.24
1.2 Dead+1.0 Ice+1.0 Temp	103.80	0.00	-0.00	-3.74	-1.47	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	103.80	0.02	-12.13	-1787.46	-6.29	0.24
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	103.80	6.03	-10.52	-1550.89	-888.60	0.05
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	103.80	10.43	-6.08	-899.84	-1533.24	-0.16
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	103.80	12.04	-0.02	-8.74	-1767.48	-0.32
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	103.80	10.41	6.05	883.63	-1528.53	-0.40
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	103.80	6.00	10.50	1538.14	-880.43	-0.36
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	103.80	-0.02	12.13	1779.43	3.16	-0.23
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	103.80	-6.03	10.52	1542.86	885.47	-0.04
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	103.80	-10.43	6.08	891.80	1530.11	0.16
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	103.80	-12.04	0.02	0.70	1764.35	0.32
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	103.80	-10.41	-6.05	-891.66	1525.40	0.40
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	103.80	-6.00	-10.50	-1546.17	877.30	0.37
Dead+Wind 0 deg - Service	54.41	0.02	-9.89	-1359.46	-5.91	0.27
Dead+Wind 30 deg - Service	54.41	4.91	-8.58	-1180.24	-674.25	0.17
Dead+Wind 60 deg - Service	54.41	8.47	-4.97	-685.09	-1162.07	0.01
Dead+Wind 90 deg - Service	54.41	9.77	-0.02	-6.72	-1338.61	-0.14
Dead+Wind 120 deg - Service	54.41	8.45	4.92	673.11	-1156.65	-0.26
Dead+Wind 150 deg - Service	54.41	4.86	8.55	1172.22	-664.87	-0.31
Dead+Wind 180 deg - Service	54.41	-0.02	9.89	1356.86	4.93	-0.27
Dead+Wind 210 deg - Service	54.41	-4.91	8.58	1177.64	673.28	-0.16
Dead+Wind 240 deg - Service	54.41	-8.47	4.97	682.49	1161.09	-0.01
Dead+Wind 270 deg - Service	54.41	-9.77	0.02	4.12	1337.63	0.14
Dead+Wind 300 deg - Service	54.41	-8.45	-4.92	-675.70	1155.67	0.26
Dead+Wind 330 deg - Service	54.41	-4.86	-8.55	-1174.82	663.89	0.31

Solution Summary

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
1	0.00	-54.41	0.00	0.00	54.41	0.00	0.000%
2	0.10	-65.29	-40.59	-0.10	65.29	40.59	0.000%
3	0.10	-48.97	-40.59	-0.10	48.97	40.59	0.000%
4	20.14	-65.29	-35.21	-20.14	65.29	35.21	0.000%
5	20.14	-48.97	-35.21	-20.14	48.97	35.21	0.000%
6	34.78	-65.29	-20.38	-34.78	65.29	20.38	0.000%
7	34.78	-48.97	-20.38	-34.78	48.97	20.38	0.000%
8	40.10	-65.29	-0.10	-40.10	65.29	0.10	0.000%
9	40.10	-48.97	-0.10	-40.10	48.97	0.10	0.000%
10	34.68	-65.29	20.21	-34.68	65.29	-20.21	0.000%
11	34.68	-48.97	20.21	-34.68	48.97	-20.21	0.000%
12	19.97	-65.29	35.11	-19.97	65.29	-35.11	0.000%
13	19.97	-48.97	35.11	-19.97	48.97	-35.11	0.000%
14	-0.10	-65.29	40.59	0.10	65.29	-40.59	0.000%
15	-0.10	-48.97	40.59	0.10	48.97	-40.59	0.000%
16	-20.14	-65.29	35.21	20.14	65.29	-35.21	0.000%
17	-20.14	-48.97	35.21	20.14	48.97	-35.21	0.000%
18	-34.78	-65.29	20.38	34.78	65.29	-20.38	0.000%
19	-34.78	-48.97	20.38	34.78	48.97	-20.38	0.000%
20	-40.10	-65.29	0.10	40.10	65.29	-0.10	0.000%
21	-40.10	-48.97	0.10	40.10	48.97	-0.10	0.000%
22	-34.68	-65.29	-20.21	34.68	65.29	20.21	0.000%
23	-34.68	-48.97	-20.21	34.68	48.97	20.21	0.000%
24	-19.97	-65.29	-35.11	19.97	65.29	35.11	0.000%
25	-19.97	-48.97	-35.11	19.97	48.97	35.11	0.000%
26	0.00	-103.80	0.00	-0.00	103.80	0.00	0.000%
27	0.02	-103.80	-12.13	-0.02	103.80	12.13	0.000%
28	6.03	-103.80	-10.52	-6.03	103.80	10.52	0.000%
29	10.43	-103.80	-6.08	-10.43	103.80	6.08	0.000%
30	12.04	-103.80	-0.02	-12.04	103.80	0.02	0.000%
31	10.41	-103.80	6.05	-10.41	103.80	-6.05	0.000%
32	6.00	-103.80	10.50	-6.00	103.80	-10.50	0.000%
33	-0.02	-103.80	12.13	0.02	103.80	-12.13	0.000%
34	-6.03	-103.80	10.52	6.03	103.80	-10.52	0.000%
35	-10.43	-103.80	6.08	10.43	103.80	-6.08	0.000%
36	-12.04	-103.80	0.02	12.04	103.80	-0.02	0.000%
37	-10.41	-103.80	-6.05	10.41	103.80	6.05	0.000%
38	-6.00	-103.80	-10.50	6.00	103.80	10.50	0.000%
39	0.02	-54.41	-9.89	-0.02	54.41	9.89	0.000%
40	4.91	-54.41	-8.58	-4.91	54.41	8.58	0.000%
41	8.47	-54.41	-4.97	-8.47	54.41	4.97	0.000%
42	9.77	-54.41	-0.02	-9.77	54.41	0.02	0.000%
43	8.45	-54.41	4.92	-8.45	54.41	-4.92	0.000%
44	4.86	-54.41	8.55	-4.86	54.41	-8.55	0.000%
45	-0.02	-54.41	9.89	0.02	54.41	-9.89	0.000%
46	-4.91	-54.41	8.58	4.91	54.41	-8.58	0.000%
47	-8.47	-54.41	4.97	8.47	54.41	-4.97	0.000%
48	-9.77	-54.41	0.02	9.77	54.41	-0.02	0.000%
49	-8.45	-54.41	-4.92	8.45	54.41	4.92	0.000%
50	-4.86	-54.41	-8.55	4.86	54.41	8.55	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00026567
3	Yes	5	0.00000001	0.00011757
4	Yes	6	0.00000001	0.00068333
5	Yes	6	0.00000001	0.00020298
6	Yes	6	0.00000001	0.00067464
7	Yes	6	0.00000001	0.00020014
8	Yes	5	0.00000001	0.00016761
9	Yes	5	0.00000001	0.00007222
10	Yes	6	0.00000001	0.00066085
11	Yes	6	0.00000001	0.00019746
12	Yes	6	0.00000001	0.00067393
13	Yes	6	0.00000001	0.00020182
14	Yes	5	0.00000001	0.00005468
15	Yes	5	0.00000001	0.00002255
16	Yes	6	0.00000001	0.00067122
17	Yes	6	0.00000001	0.00019890
18	Yes	6	0.00000001	0.00067730
19	Yes	6	0.00000001	0.00020141
20	Yes	5	0.00000001	0.00009300
21	Yes	5	0.00000001	0.00004041
22	Yes	6	0.00000001	0.00067086
23	Yes	6	0.00000001	0.00020093
24	Yes	6	0.00000001	0.00066032
25	Yes	6	0.00000001	0.00019687
26	Yes	4	0.00000001	0.00005057
27	Yes	6	0.00000001	0.00030742
28	Yes	6	0.00000001	0.00062848
29	Yes	6	0.00000001	0.00062756
30	Yes	6	0.00000001	0.00030370
31	Yes	6	0.00000001	0.00060084
32	Yes	6	0.00000001	0.00061233
33	Yes	6	0.00000001	0.00030399
34	Yes	6	0.00000001	0.00061272
35	Yes	6	0.00000001	0.00061005
36	Yes	6	0.00000001	0.00030207
37	Yes	6	0.00000001	0.00061676
38	Yes	6	0.00000001	0.00060870
39	Yes	4	0.00000001	0.00033211
40	Yes	5	0.00000001	0.00017027
41	Yes	5	0.00000001	0.00016498
42	Yes	4	0.00000001	0.00029804
43	Yes	5	0.00000001	0.00015564
44	Yes	5	0.00000001	0.00016479
45	Yes	4	0.00000001	0.00031134
46	Yes	5	0.00000001	0.00016184
47	Yes	5	0.00000001	0.00016477
48	Yes	4	0.00000001	0.00029005
49	Yes	5	0.00000001	0.00016313
50	Yes	5	0.00000001	0.00015622

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	188 - 137	45.039	40	2.2561	0.0036
L2	141.25 - 90.25	24.470	40	1.8276	0.0014
L3	95.5 - 44.5	10.194	40	1.1032	0.0005
L4	51 - 0	2.674	39	0.4875	0.0002

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
189.00	AIR 6419 B77G w/ Mount Pipe	40	45.039	2.2561	0.0039	33459
188.00	3/4" x 8-ft Lightning Rod	40	45.039	2.2561	0.0039	33459
171.00	MX08FRO665-21 w/ Mount Pipe	40	37.173	2.1280	0.0028	9840
162.00	AIR 6454 B41 w/ Mount Pipe	40	33.129	2.0515	0.0023	6433
144.00	Platform Mount [LP 602-1_KCKR]	40	25.549	1.8623	0.0015	3807
133.00	Side Arm Mount [SO 701-3]	40	21.387	1.7135	0.0012	3610
100.00	1" Dia x 3.5-ft	40	11.296	1.1767	0.0006	3751
70.00	1" Dia x 3.5-ft	40	5.147	0.7247	0.0003	3958
40.00	1" Dia x 3.5-ft	39	1.715	0.3678	0.0001	5240
10.00	1" Dia x 3.5-ft	39	0.286	0.0865	0.0000	20961

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	188 - 137	185.844	2	9.3398	0.0141
L2	141.25 - 90.25	101.163	2	7.5669	0.0053
L3	95.5 - 44.5	42.185	2	4.5694	0.0021
L4	51 - 0	11.065	2	2.0181	0.0007

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
189.00	AIR 6419 B77G w/ Mount Pipe	2	185.844	9.3398	0.0184	8515
188.00	3/4" x 8-ft Lightning Rod	2	185.844	9.3398	0.0184	8515
171.00	MX08FRO665-21 w/ Mount Pipe	2	153.478	8.8097	0.0131	2501
162.00	AIR 6454 B41 w/ Mount Pipe	2	136.834	8.4933	0.0106	1632
144.00	Platform Mount [LP 602-1_KCKR]	2	105.609	7.7102	0.0063	960
133.00	Side Arm Mount [SO 701-3]	2	88.443	7.0949	0.0049	904
100.00	1" Dia x 3.5-ft	2	46.747	4.8739	0.0024	919
70.00	1" Dia x 3.5-ft	2	21.301	3.0012	0.0012	961
40.00	1" Dia x 3.5-ft	2	7.097	1.5223	0.0005	1267
10.00	1" Dia x 3.5-ft	2	1.182	0.3579	0.0001	5064

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	188 - 137 (1)	TP32.711x22x0.25	51.00	0.00	0.0	25.0495	-19.25	1465.40	0.013
L2	137 - 90.25 (2)	TP42.03x31.3184x0.3125	51.00	0.00	0.0	40.2848	-29.23	2356.66	0.012
L3	90.25 - 44.5 (3)	TP51.014x40.3023x0.375	51.00	0.00	0.0	58.6481	-42.68	3430.92	0.012

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	44.5 - 0 (4)	TP59.61x48.8988x0.5	51.00	0.00	0.0	93.807 6	-65.25	5487.74	0.012

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	188 - 137 (1)	TP32.711x22x0.25	750.58	1113.48	0.674	0.00	1113.48	0.000
L2	137 - 90.25 (2)	TP42.03x31.3184x0.3125	2120.54	2281.22	0.930	0.00	2281.22	0.000
L3	90.25 - 44.5 (3)	TP51.014x40.3023x0.375	3648.34	4013.65	0.909	0.00	4013.65	0.000
L4	44.5 - 0 (4)	TP59.61x48.8988x0.5	5622.12	7974.63	0.705	0.00	7974.63	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	188 - 137 (1)	TP32.711x22x0.25	27.62	439.62	0.063	0.76	1215.38	0.001
L2	137 - 90.25 (2)	TP42.03x31.3184x0.3125	32.15	707.00	0.045	0.76	2514.68	0.000
L3	90.25 - 44.5 (3)	TP51.014x40.3023x0.375	36.40	1029.27	0.035	0.75	4441.48	0.000
L4	44.5 - 0 (4)	TP59.61x48.8988x0.5	40.65	1646.32	0.025	1.17	8522.25	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	188 - 137 (1)	0.013	0.674	0.000	0.063	0.001	0.691	1.050	4.8.2
L2	137 - 90.25 (2)	0.012	0.930	0.000	0.045	0.000	0.944	1.050	4.8.2
L3	90.25 - 44.5 (3)	0.012	0.909	0.000	0.035	0.000	0.923	1.050	4.8.2
L4	44.5 - 0 (4)	0.012	0.705	0.000	0.025	0.000	0.718	1.050	4.8.2

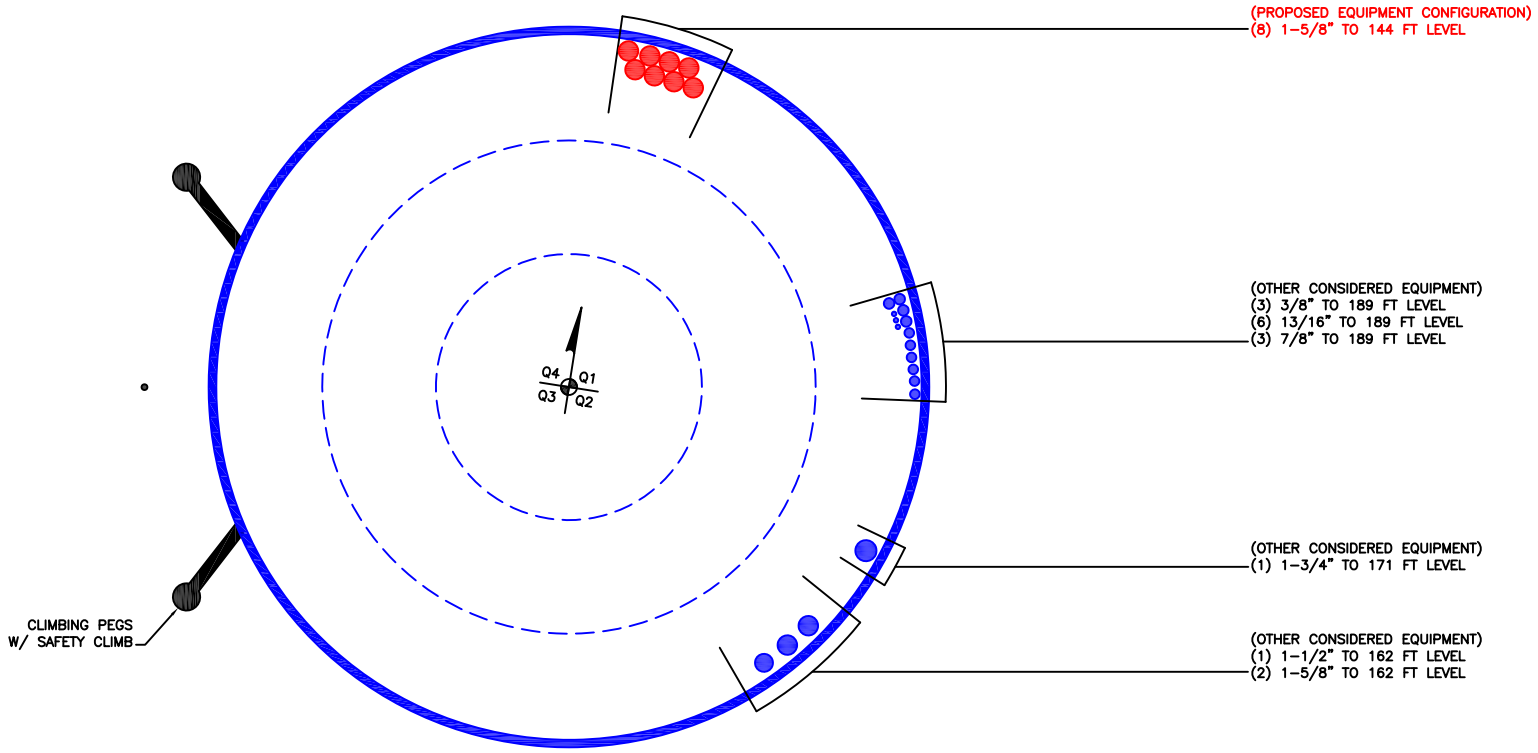
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	188 - 137	Pole	TP32.711x22x0.25	1	-19.25	1538.67	65.8	Pass
L2	137 - 90.25	Pole	TP42.03x31.3184x0.3125	2	-29.23	2474.49	89.9	Pass
L3	90.25 - 44.5	Pole	TP51.014x40.3023x0.375	3	-42.68	3602.47	87.9	Pass
L4	44.5 - 0	Pole	TP59.61x48.8988x0.5	4	-65.25	5762.13	68.3	Pass
							Summary	

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
						Pole (L2)	89.9	Pass
						RATING =	**89.9**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(PROPOSED EQUIPMENT CONFIGURATION)
(8) 1-5/8" TO 144 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(3) 3/8" TO 189 FT LEVEL
(6) 13/16" TO 189 FT LEVEL
(3) 7/8" TO 189 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1-3/4" TO 171 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 162 FT LEVEL
(2) 1-5/8" TO 162 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB
Q4
Q1
Q3
Q2

APPENDIX C

ADDITIONAL CALCULATIONS

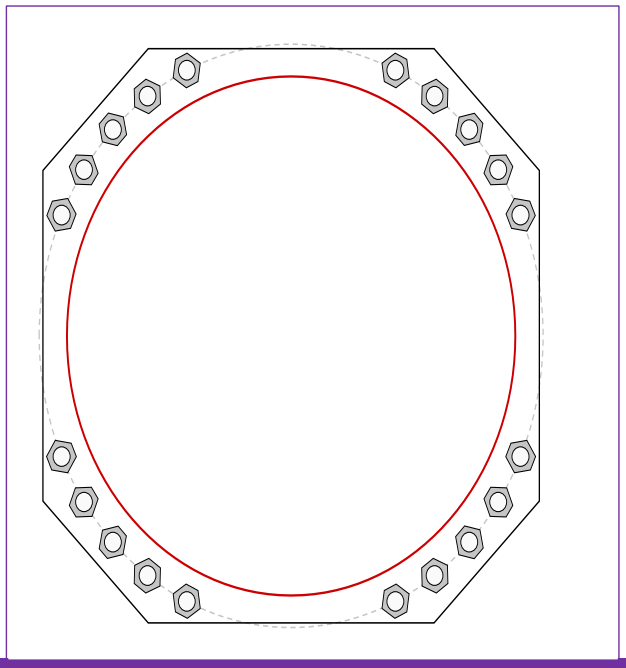
Monopole Base Plate Connection

Site Info	
BU #	803175
Site Name	NEW BRITAIN 3 CAC 803
Order #	

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	1.25

Applied Loads	
Moment (kip-ft)	5622.12
Axial Force (kips)	65.25
Shear Force (kips)	40.65

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(20) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 67" BC

Anchor Spacing: 6 in

Base Plate Data

66" W x 3" Plate (A572-50; Fy=50 ksi, Fu=65 ksi); Clip: 14 in

Stiffener Data

N/A

Pole Data

59.61" x 0.5" 18-sided pole (A607-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 198.03	ϕPn_t = 243.75	**Stress Rating**
Vu = 2.03	ϕVn = 149.1	**77.4%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	34.61	(Flexural)
Allowable Stress (ksi):	45	
Stress Rating:	**73.2%**	**Pass**

Pier and Pad Foundation

BU # :	803175
Site Name:	CT NEW BRITAIN
App. Number:	

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	65.29	kips
Base Shear, Vu_comp:	40.59	kips
Moment, M_u:	5622.13	ft-kips
Tower Height, **H**:	188	ft
BP Dist. Above Fdn, bp_{dist}:	3.5	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	8	ft
Ext. Above Grade, **E**:	1.0833	ft
Pier Rebar Size, **Sc**:	11	
Pier Rebar Quantity, **mc**:	36	
Pier Tie/Spiral Size, **St**:	5	
Pier Tie/Spiral Quantity, **mt**:	12	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	4	in

Pad Properties		
Depth, **D**:	5.92	ft
Pad Width, W_1:	26	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	11	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	33	
Pad Clear Cover, cc_{pad}:	4	in

Material Properties		
Rebar Grade, **Fy**:	60	ksi
Concrete Compressive Strength, **F'c**:	3	ksi
Dry Concrete Density, δ**c**:	150	pcf

Soil Properties		
Total Soil Unit Weight, γ:	110	pcf
Ultimate Gross Bearing, Qult:	12.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	30	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:		
Neglected Depth, **N**:	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	222.92	40.59	**17.3%**	**Pass**
Bearing Pressure (ksf)	9.00	4.48	**49.7%**	**Pass**
*Overturning (kip*ft)*	6601.20	5918.23	**89.7%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	9867.12	5784.62	**55.8%**	**Pass**
Pier Compression (kip)	30551.04	111.41	**0.3%**	**Pass**
*Pad Flexure (kip*ft)*	6473.47	3050.35	**44.9%**	**Pass**
Pad Shear - 1-way (kips)	766.05	416.78	**51.8%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.164	0.000	**0.0%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	8464.14	3470.77	**39.1%**	**Pass**

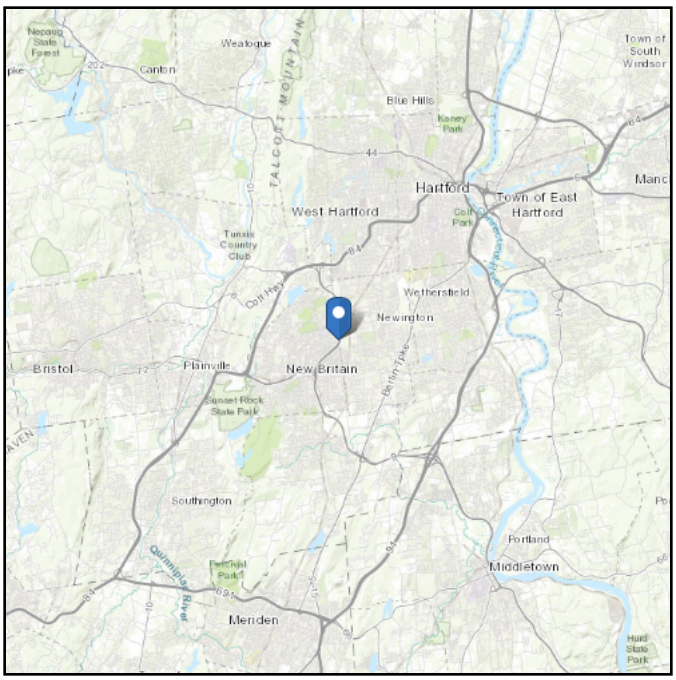
**Rating per TIA-222-H Section 15.5*

Structural Rating*:	**55.8%**
Soil Rating*:	**89.7%**

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.686611
Risk Category:	II	**Longitude:**	-72.757722
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	90.44077429174249 ft (NAVD 88)



Wind

Results:

Wind Speed	118 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	97 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 03 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.

Seismic

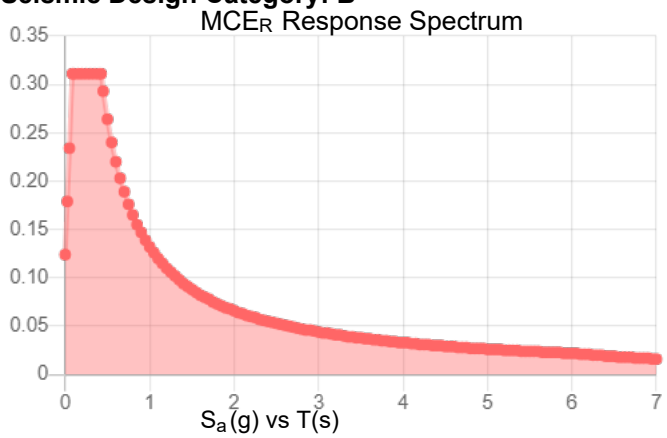
D - Default (see Section 11.4.3)

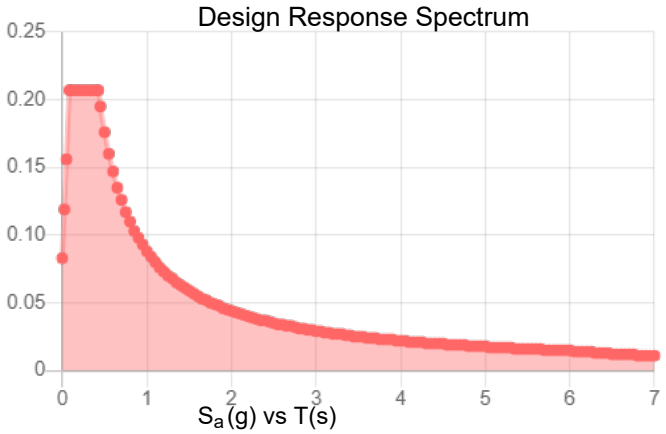
Site Soil Class:

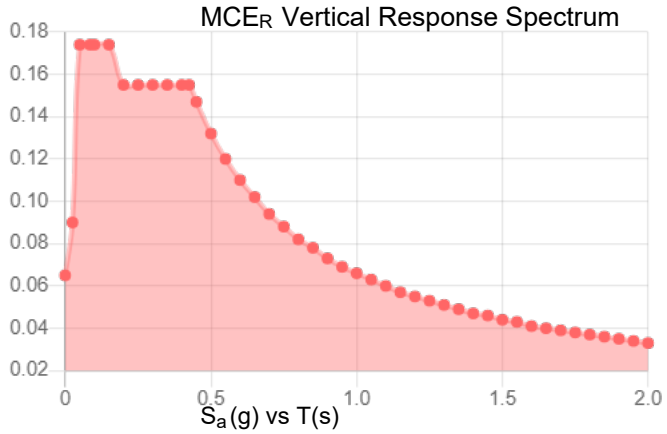
Results:

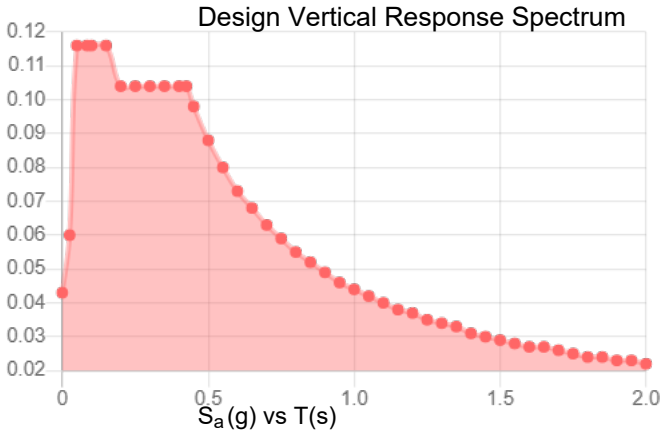
S_S :	0.194	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.106
F_v :	2.4	PGA_M :	0.168
S_{MS} :	0.311	F_{PGA} :	1.589
S_{M1} :	0.132	I_e :	1
S_{DS} :	0.207	C_v :	0.7

Seismic Design Category: B









Data Accessed: **Thu Aug 03 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.

Ice

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 03 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.

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