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

April 4, 2024

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

RE: **Notice of Exempt Modification for Verizon Wireless: 5000246936**
Crown Site ID# 876397
399 Chestnut Land Road, New Milford, CT 06776
Latitude: 41° 37′ 54.93″ / Longitude: -73° 22′ 2.82″

Dear Ms. Bachman:

Verizon Wireless currently maintains fifteen (15) antennas at the 149-foot mount on the existing 160-foot monopole tower located at 399 Chestnut Land Road, New Milford, CT. The property and tower are owned by Crown Castle. Verizon now intends to add two (2) interference mitigation filters at the 149ft level. This modification/proposal includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Panned Modification:

Tower:

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

The facility was approved by the Connecticut Siting Council, Docket No. 233 on May 20, 2003.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Pete Bass, Mayor, Town of New Milford, Laura Regan, Planner & ZEO, Town of New Milford. Crown Castle is the tower and landowner.

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

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

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

4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.

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

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

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

Sincerely,

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

Attachments
cc:

Pete Bass, Mayor
Town of New Milford
10 Main Street
New Milford, CT 06776
860-355-6010

Laura Regan, Planner & ZEO
Town of New Milford
10 Main Street
New Milford, CT 06776
860-355-6080

Crown Castle, Tower Owner & Landowner

DOCKET NO. 233 - Sprint Spectrum, L.P. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless telecommunications facility at 399 Chestnut Land Road, New Milford, Connecticut.	}	Connecticut
	}	Siting
	}	Council
	}	May 20, 2003

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Sprint Spectrum, L.P. for the construction, maintenance and operation of a wireless telecommunications facility at 399 Chestnut Land Road, New Milford, Connecticut.

The facility shall be constructed, operated, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Sprint Spectrum, L.P. and AT&T Wireless PCS, LLC and other entities, both public and private, but such tower shall not exceed a height of 160 feet above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include:

a. a final site plan of site development to include drawings depicting the location of the access road, compound, tower, landscaping and wetland features, if applicable.

b. specifications for the tower, tower foundation, antennas, equipment building, security fence, access road, utility line, and landscaping; and

c. construction plans for site clearing, tree removal, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended, and

provisions for the prevention and containment of spills and/or other discharge into surface water and groundwater bodies.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of electromagnetic radio frequency power density is submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

6. If the facility does not initially provide wireless services within one year of completion of construction or ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

7. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.

8. Unless otherwise approved by the Council, this Decision and Order shall be void if the facility authorized herein is not operational within one year of the effective date of this Decision and Order or within one year after all appeals to this Decision and Order have been resolved.

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in The Hartford Courant, Danbury News-Times, The New Milford Spectrum, and The Voices.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

Applicant

Sprint Spectrum L.P., d/b/a Sprint PCS

Its Representative

Thomas J. Regan, Esquire
Brown Rudnick Berlack Israels LLP
CityPlace I, 38th Floor
185 Asylum Street
Hartford, CT 06103-3402
Phone: (860)-509-6522

Intervenor

AT&T Wireless PCS, LLC
d/b/a AT&T Wireless

Its Representative

Christopher B. Fisher, Esq.
Cuddy & Feder LLP
90 Maple Avenue
White Plains, New York 10601
(914) 761-1300

Party

Town of Washington

Its Representative

Aimee L. Hoben, Esq.
Murtha Cullina LLP
CityPlace I, 29th Floor
185 Asylum Street
Hartford, CT 06103
(860) 240-6000

Intervenor

Fred Rickerich
50 Washington Ridge Road
New Milford, CT 06776
(860)-350-6166

Party

Northville Residents' Association Inc.

Its Representative

John Kane
7 Crossmon Rd.
New Milford, CT 06776
(860) 354-7651

399 CHESTNUT LAND RD

Location	399 CHESTNUT LAND RD	**Mblu**	66/ / 1/ CELL/
Acct#	015337	**Owner**	CROWN CASTLE
Assessment	$726,040	**Appraisal**	$1,037,200
PID	106734	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$1,037,200	$0	$1,037,200

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2020	$726,040	$0	$726,040

Parcel Addreses

Additional Addresses
No Additional Addresses available for this parcel

Owner of Record

Owner	CROWN CASTLE	**Sale Price**	$0
Co-Owner		**Certificate**	
Address	4017 WASHINGTON RD PMB 331 MCMURRAY, PA 15317-2520	**Book & Page**	0000/0000
		Sale Date	10/01/2010

Ownership History

Ownership History				
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Sale Date**
CROWN CASTLE	$0		0000/0000	10/01/2010

Building Information

Building 1 : Section 1

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

Building Attributes	
Field	**Description**
Style	Outbuildings
Model	
Grade	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	

Building Photo

(https://images.vgsi.com/photos/NewMilfordCTPhotos///0027/IMG-2269_27183.jpg)

Building Layout

Building Sub-Areas (sq ft)	Legend

Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type	
AC Type	
Total Bedrooms	
Full Bathrooms	
Half Bathrooms	
Total Xtra Fixtrs	
Total Rooms	
Bath Style	
Kitchen Style	
Num Kitchens	
Whirlpool Tub	
Fireplaces	
Fin Bsmt Area	
Bsmt Garages	
Fireplaces_1	
Solar	
Insp. Letter	
Multi-House	
Fndtn Cndtn	
Basement	

No Data for Building Sub-Areas

Extra Features

Extra Features	Legend

No Data for Extra Features

Parcel Information

Use Code	435
Description	Cell Site Vac Lnd
Deeded Acres	0

Land

Land Use

Use Code	435
Description	Cell Site Vac Lnd
Zone	
Neighborhood	
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0
Frontage	
Depth	
Assessed Value	$0
Appraised Value	$0

Outbuildings

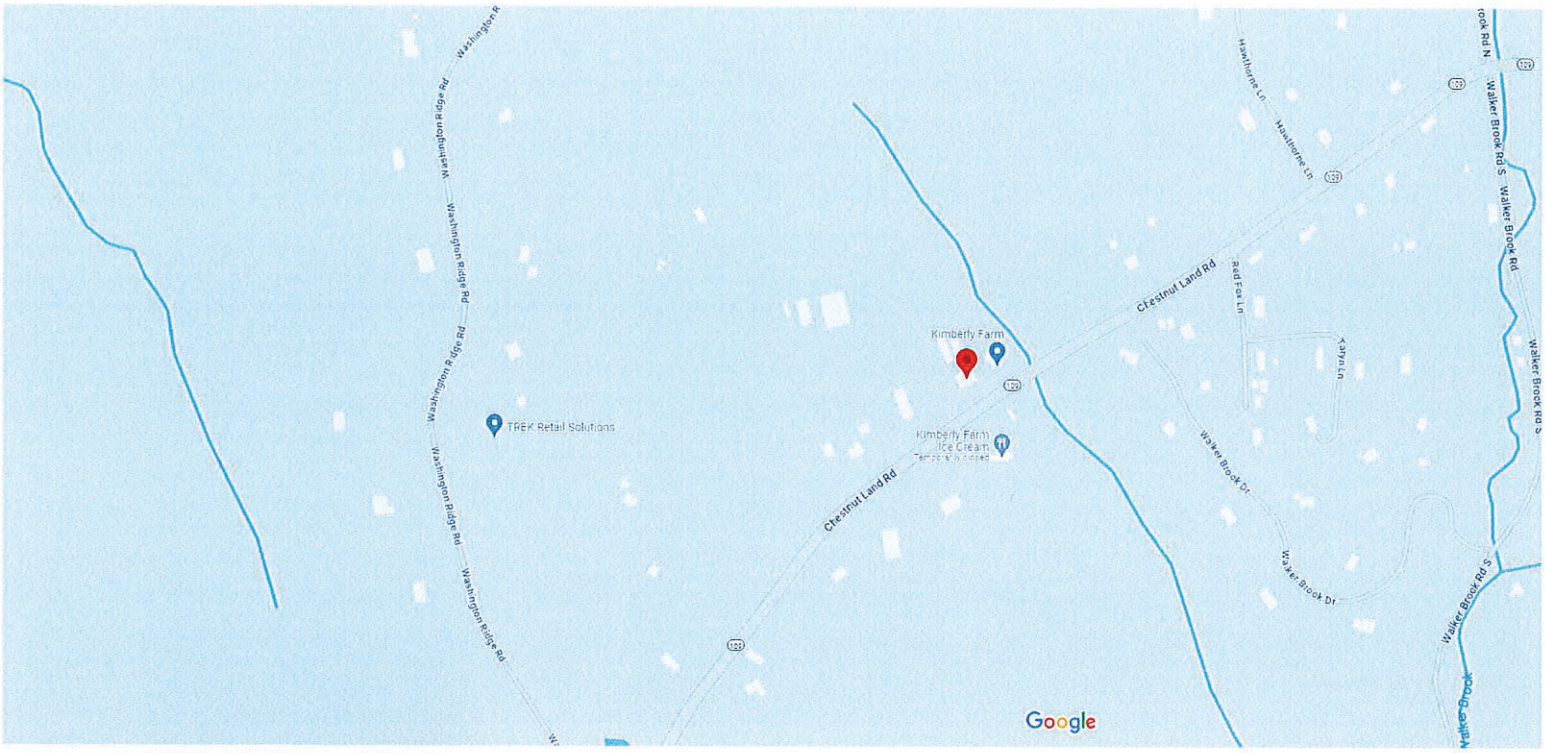
Outbuildings							Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Assessed Value**	**Bldg #**
CB1	PreCastConc Shed			360.00 S.F	$104,000	$72,800	1
CB1	PreCastConc Shed			240.00 S.F	$69,300	$48,510	1
FN3	Fence 6'			200.00 L.F.	$1,900	$1,330	1
SITE	Cell Site Tenant	TW	Tower	4.00 Units	$862,000	$603,400	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$1,037,200	$0	$1,037,200

Assessment			
Valuation Year	Improvements	Land	Total
2021	$726,040	$0	$726,040

Google Maps 399 Chestnut Land Rd



Map data ©2024 Google 200 ft

399 Chestnut Land Rd

Building

Directions Save Nearby Send to phone Copy link

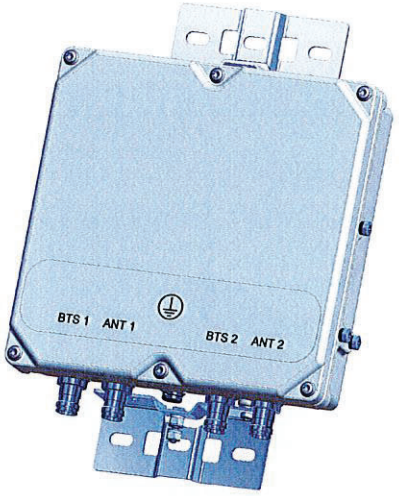
399 Chestnut Land Rd, New Milford, CT 06776

Photos

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

The BSF0020 is ideal for co-located 700, 850 and 900 networks. Utilising a 2.6MHz guardband the BSF0020 provides rejection of the 900 UL band while passing 700/850 UL and DL bands. Capable of being used in an outdoor environment the BSF0020 contains two identical bandstop filters, suitable for 2x2 MIMO configuration, offering excellent insertion loss, group delay and rejection.



FEATURES

- Passes full 700 and 850 bands
- Low insertion loss
- Rejection of 900MHz uplink
- DC/AISG pass
- Twin unit
- Dual twin mounting available

TECHNICAL SPECIFICATIONS

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

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

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

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

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

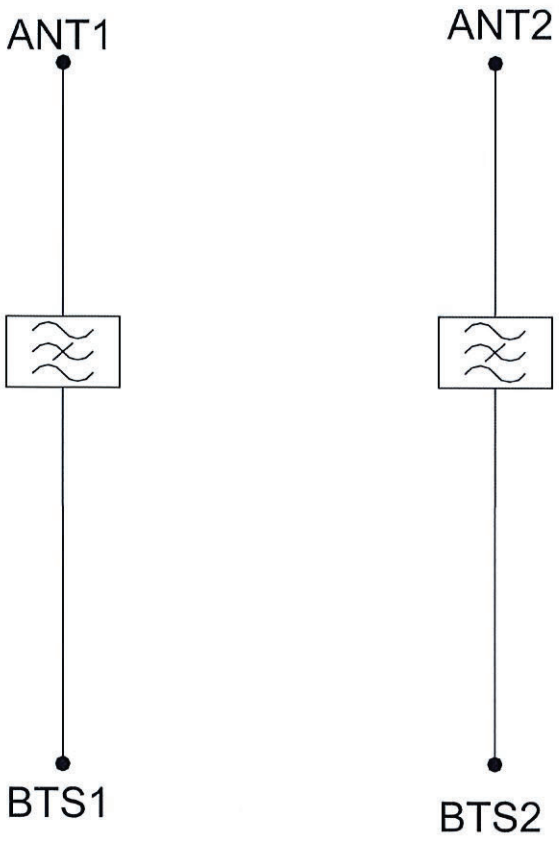
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

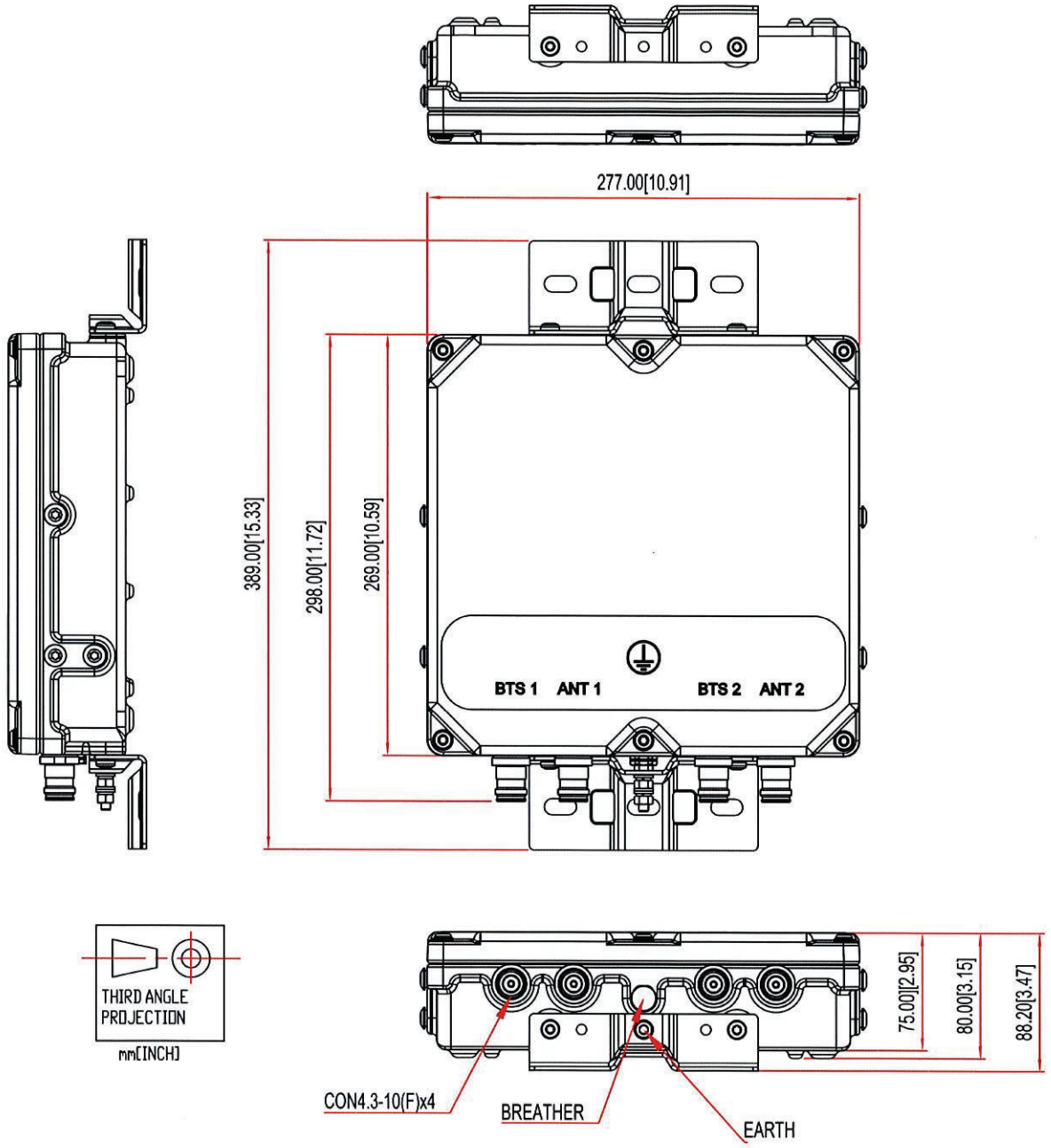
PART NUMBER	CONFIGURATION	OPTIONAL FEATURES	CONNECTORS
BSF0020F3V1	TWIN, 2 in / 2 out	DC/AISG PASS NO BRACKET	4.3-10 (F)
BSF0020F3V1-1	TWIN, 2 in / 2 out	DC/AISG PASS	4.3-10 (F)
BSF0020F3V1-2	QUAD, 4 in / 4 out	DC/AISG PASS	4.3-10 (F)

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

ELECTRICAL BLOCK DIAGRAM



MECHANICAL BLOCK DIAGRAM



Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Friday, April 5, 2024 9:51 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775826381273: Your package has been delivered

Hi. Your package was delivered Fri, 04/05/2024 at 9:43am.

Delivered to 10 MAIN ST, NEW MILFORD, CT 06776
Received by N.PRITCHATD

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775826381273
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of New Milford Pete Bass, Mayor 10 Main Street NEW MILFORD, CT, US, 06776
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Thu 4/04/2024 05:12 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Pak
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEW MILFORD, CT, US, 06776
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Standard Overnight

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Friday, April 5, 2024 9:51 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775826398783: Your package has been delivered

Hi. Your package was delivered Fri, 04/05/2024 at 9:43am.

Delivered to 10 MAIN ST, NEW MILFORD, CT 06776
Received by N.PRITCHATD

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775826398783
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of New Milford Laura Reagan, Planner & ZEO 10 Main Street NEW MILFORD, CT, US, 06776
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Thu 4/04/2024 05:12 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Pak
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEW MILFORD, CT, US, 06776
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Standard Overnight

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206809
Colliers Engineering & Design CT, PC Project #: 23777111

July 11, 2023

Site Information	*Site ID:*	*5000246936-VZW / NEW MILFORD E CT*
	Site Name:	*NEW MILFORD E CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*399 Chestnut Land Road* *New Milford, Connecticut 06778* *Litchfield County*
	Latitude:	*41.631917°*
	Longitude:	*-73.367453°*
Structure Information	*Tower Type:*	*160-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123966

Analysis Results

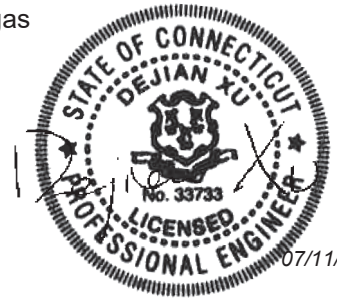
Platform: **51.5% Pass***

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

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

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

Report Prepared By: Carol Luengas



07/11/2023

Executive Summary:

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

This analysis is inclusive of the mount structure only and does not address the structural capacity of the supporting structure. This mounting frame was not analyzed as an anchor attachment point for fall protection. All climbing activities are required to have a fall protection plan completed by a competent person.

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 324468, dated April 29, 2021*
Mount Mapping Report	*RKS Design & Engineering, LLC Site #: 467151, dated April 14, 2021*
Previous Post Modification Inspection	*Maser Consulting Connecticut, Project #: 21777073A, dated April 29, 2022*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	115 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.965
Seismic Parameters:	S_S:	0.198 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
147.50	148.00	6	JMA Wireless	MX06FIT665-02	Retained
		3	Samsung	MT6407-77A	
		1	RFS	DB-C1-12C-24AB-0Z	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Amphenol Antel	LPA-80080-6CF-5	
		4	Antel	LPA-80080/6CF	
		2	Kaelus	BSF0020F3V1-1	Added

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	37.9 %	Pass
Cross Arm	16.5 %	Pass
Standoff Plate	24.8 %	Pass
Cross Arm Plate	42.3 %	Pass
Toerail	21.9 %	Pass
Grating Angle	14.5 %	Pass
Mount Pipe (P2 STD)	33.9 %	Pass
Mod Mount Pipe (P2.5)	27.9 %	Pass
Mod Support Rail	15.2 %	Pass
Mod Support Rail Corner	17.6 %	Pass
Mount Connection	51.5 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**51.5%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	25.4	25.4	38.9	38.9
0.5	32.8	32.8	51.7	51.7
1	39.9	39.9	64.2	64.2

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.

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

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MDG #: 5000246936 SMART Project #: 10206809 Fuze Project ID: 17123966

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

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

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built mount drawings" showing contractor's name, contact information, preparer's signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: ***https://pmi.vzwsmart.com***

Photo Requirements:

- *Photos taken at ground level*
  - Photo of Gate Signs showing the tower owner, site name, and number.
  - Overall tower structure after installation.
  - Photos of the mount after installation; if the mounts are at different rad elevations, pictures must be provided for all elevations that equipment was installed.
- *Photos taken at Mount Elevation*
  - Photos showing the safety climb wire rope above and below the mount prior to installation.
  - Photos showing the climbing facility and safety climb if present.
  - Photos showing each individual sector after installation. Each entire sector shall be in one photo to show the interconnection of members.

        - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
    - Photos that show the model number of each antenna and piece of equipment installed per sector.

Antenna & equipment placement and Geometry Confirmation:

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

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.

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

Issue:

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: 5000246936-VZW - NEW MILFORD E CT

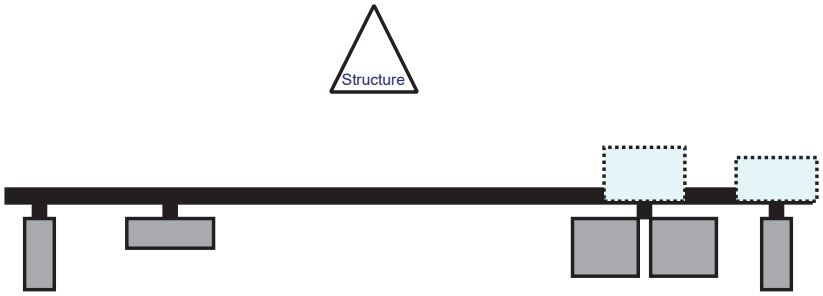
Sector: **A** 7/11/2023

Structure Type: Monopole 10206809

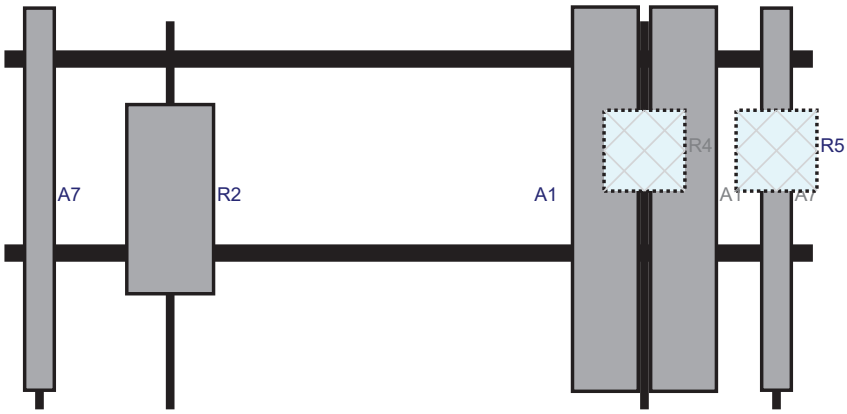
Mount Elev: 147.50 Page: 1

Colliers Engineering & Design

Plan View



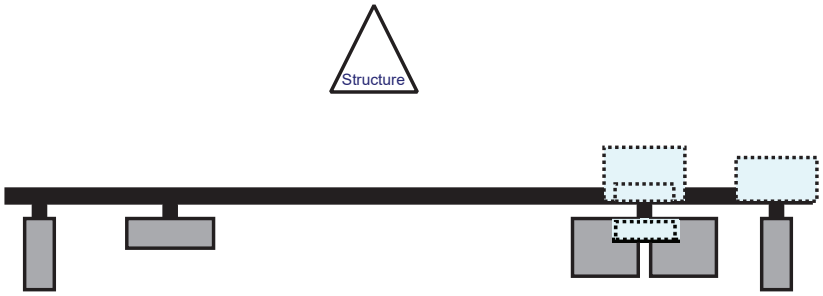
Front View - Looking at Structure



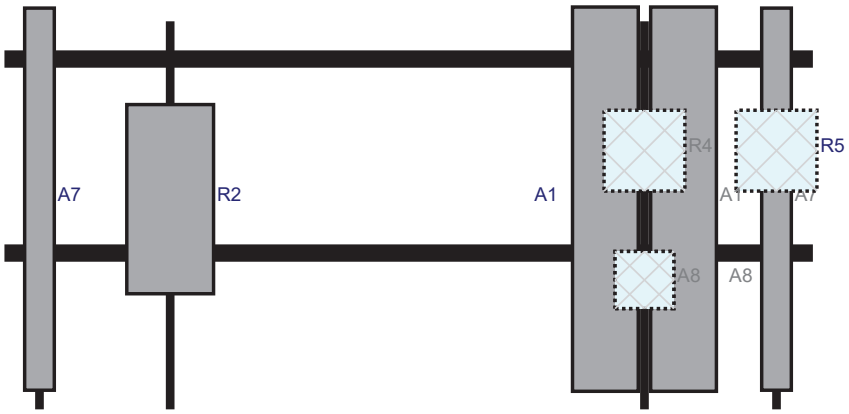
4 3 2 1

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
A7	LPA-80080/6CF	70.9	5.5	143.25	1	a	Front	33	0	Retained	04/20/2022
R5	B5/B13 RRH-BR04C	15	15	143.25	1	a	Behind	24	0	Retained	04/20/2022
A1	MX06FIT665-02	71.3	12.2	118.75	2	a	Front	33	7.25	Retained	04/20/2022
A1	MX06FIT665-02	71.3	12.2	118.75	2	b	Front	33	-7.25	Retained	04/20/2022
R4	B2/B66A RRH-BR049	15	15	118.75	2	a	Behind	24	0	Retained	04/20/2022
R2	MT6407-77A	35.1	16.1	30.75	3	a	Front	33	0	Retained	04/20/2022
A7	LPA-80080/6CF	70.9	5.5	6.5	4	a	Front	33	0	Retained	04/20/2022
OVP	DB-C1-12C-24AB-0Z	29.5	16.5		Member					Retained	04/20/2022

Plan View



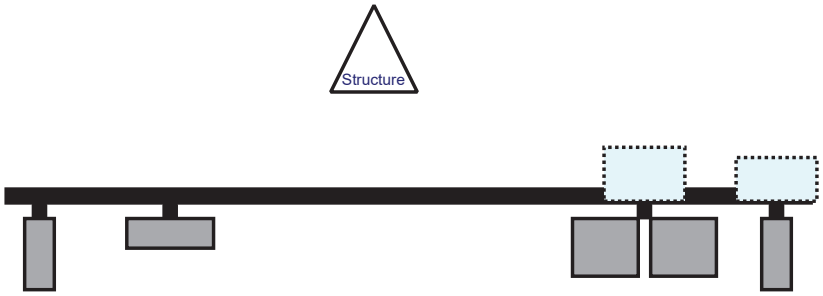
Front View - Looking at Structure



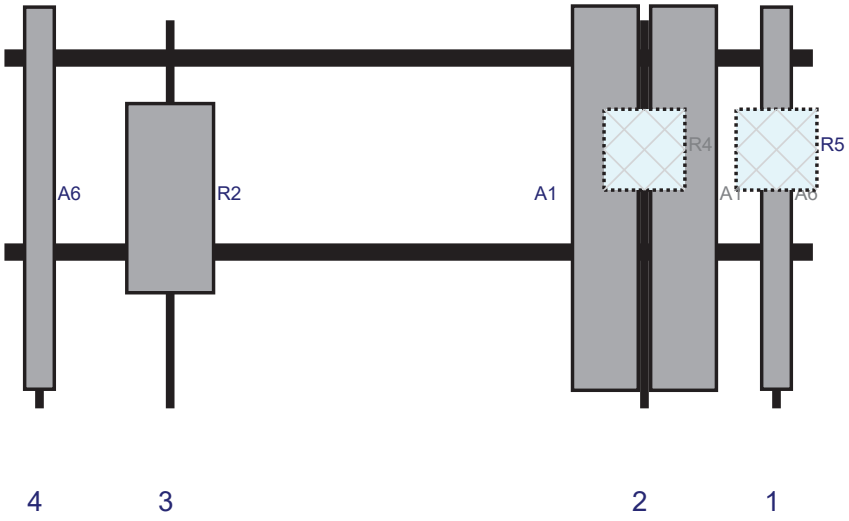
4 3 2 1

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
A7	LPA-80080/6CF	70.9	5.5	143.25	1	a	Front	33	0	Retained	04/20/2022
R5	B5/B13 RRH-BR04C	15	15	143.25	1	a	Behind	24	0	Retained	04/20/2022
A1	MX06FIT665-02	71.3	12.2	118.75	2	a	Front	33	7.25	Retained	04/20/2022
A1	MX06FIT665-02	71.3	12.2	118.75	2	b	Front	33	-7.25	Retained	04/20/2022
R4	B2/B66A RRH-BR049	15	15	118.75	2	a	Behind	24	0	Retained	04/20/2022
A8	BSF0020F3V1-1	10.6	10.9	118.75	2	a	Behind	48	0	Added	
A8	BSF0020F3V1-1	10.6	10.9	118.75	2	b	Front	48	0	Added	
R2	MT6407-77A	35.1	16.1	30.75	3	a	Front	33	0	Retained	04/20/2022
A7	LPA-80080/6CF	70.9	5.5	6.5	4	a	Front	33	0	Retained	04/20/2022

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80080-6CF-5	70.9	5.5	143.25	1	a	Front	33	0	Retained	04/20/2022
R5	B5/B13 RRH-BR04C	15	15	143.25	1	a	Behind	24	0	Retained	04/20/2022
A1	MX06FIT665-02	71.3	12.2	118.75	2	a	Front	33	7.25	Retained	04/20/2022
A1	MX06FIT665-02	71.3	12.2	118.75	2	b	Front	33	-7.25	Retained	04/20/2022
R4	B2/B66A RRH-BR049	15	15	118.75	2	a	Behind	24	0	Retained	04/20/2022
R2	MT6407-77A	35.1	16.1	30.75	3	a	Front	33	0	Retained	04/20/2022
A6	LPA-80080-6CF-5	70.9	5.5	6.5	4	a	Front	33	0	Retained	04/20/2022


CT,New Milford
06776
Apr 20, 2022 at 10:41:31 AM


CT,New Milford
06776
Apr 20, 2022 at 11:51:15 AM

V4.0 Updated on 3-31-2021

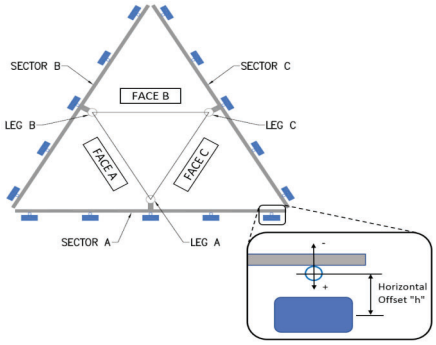
PAUL J. FORD & COMPANY

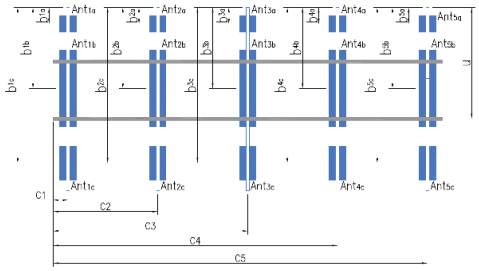
Antenna Mount Mapping Form (PATENT PENDING)

FCC # UNKNOWN

Tower Owner:	CROWN CASTLE 876397	**Mapping Date:**	04-14-2021
Site Name:	CC : NEW MILFORD / KIMBERLY ; VZW : NEW MILFORD E CT	**Tower Type:**	Monopole
Site Number or ID:	VZW: 467151	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	148

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 0.15" x 72 " LONG	42.25	7.00	C1	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	7.00
A2	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	31.50	C2	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	31.50
A3	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	119.50	C3	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	119.50
A4	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	143.75	C4	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	143.75
A5				C5			
A6				C6			
B1	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	7.00	D1			
B2	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	31.50	D2			
B3	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	119.50	D3			
B4	PIPE 2.375"Ø x 0.15" x 72 " LONG	42.25	143.75	D4			
B5				D5			
B6				D6			

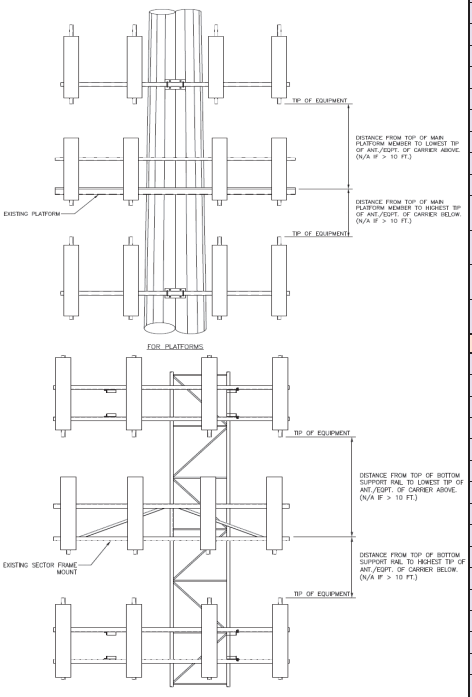
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	8
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier 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.):	20.5
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.31

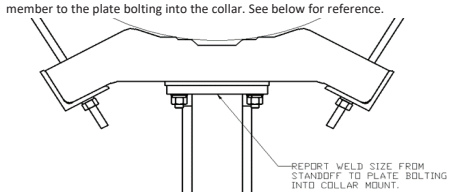
	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	UNKNOWN PANEL	5.75	13.25	72.00		149.292	26.75	15.50	10.00	12,207
Ant_{1c}										
Ant_{2a}	FD9R6004/2C-3L	6.50	1.50	5.80		149.104	29.00	-2.00		12,207
Ant_{2b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		148.896	31.50	11.00	300.00	12,207
Ant_{2c}										
Ant_{3a}	FD9R6004/2C-3L	6.50	1.50	5.80		149.104	29.00	-2.00		12,212
Ant_{3b}	BXA-171085-12BF-ED	6.10	4.10	72.50		148.563	35.50	8.75	10.00	12,212
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	UNKNOWN PANEL	5.75	13.25	72.00		149.292	26.75	15.50	10.00	12,212
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	10.00	Deg	Leg A:		Deg
Sector B:	120.00	Deg	Leg B:		Deg
Sector C:	250.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg
Climbing Facility Information					
Location:		Deg			
Climbing Facility	Corrosion Type:		N/A		
	Access:		Climbing path was unobstructed.		
	Condition:		Good condition.		

Please insert a photo of the mount centerline measurement here.



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



Sector B										
Ant_{1a}										
Ant_{1b}	UNKNOWN PANEL	5.75	13.25	72.00		149.292	26.75	15.50	130.00	28,214
Ant_{1c}										
Ant_{2a}	FD9R6004/2C-3L	6.50	1.50	5.80		149.104	29.00	-2.00		28,214
Ant_{2b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		148.896	31.50	11.00	150.00	28,214
Ant_{2c}										
Ant_{3a}	FD9R6004/2C-3L	6.50	1.50	5.80		149.104	29.00	-2.00		28,219
Ant_{3b}	BXA-171085-12BF-ED	6.10	4.10	72.50		148.563	35.50	8.75	130.00	28,219
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	UNKNOWN PANEL	5.75	13.25	72.00		149.292	26.75	15.50	130.00	28,219
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	UNKNOWN PANEL	5.75	13.25	72.00		149.292	26.75	15.50	250.00	40,221
Ant_{1c}										
Ant_{2a}	FD9R6004/2C-3L	6.50	1.00	5.80		149.104	29.00	-2.00		40,221
Ant_{2b}	BXA-70063-6CF-EDIN	11.20	5.20	71.00		148.896	31.50	11.00	270.00	40,221
Ant_{2c}										
Ant_{3a}	FD9R6004/2C-3L	6.50	1.50	5.80		149.104	29.00	-2.00		40,224
Ant_{3b}	BXA-171085-12BF-ED	6.10	4.10	72.50		148.563	35.50	8.75	250.00	40,224
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	UNKNOWN PANEL	5.75	13.25	72.00		149.292	26.75	15.50	250.00	40,224
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	COAX : (12) TOTAL -(12) FH 1 5/8	
2		
3		
4		
5		
6		
7		
8		

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

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

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

V4.0 Updated on 3-31-2021

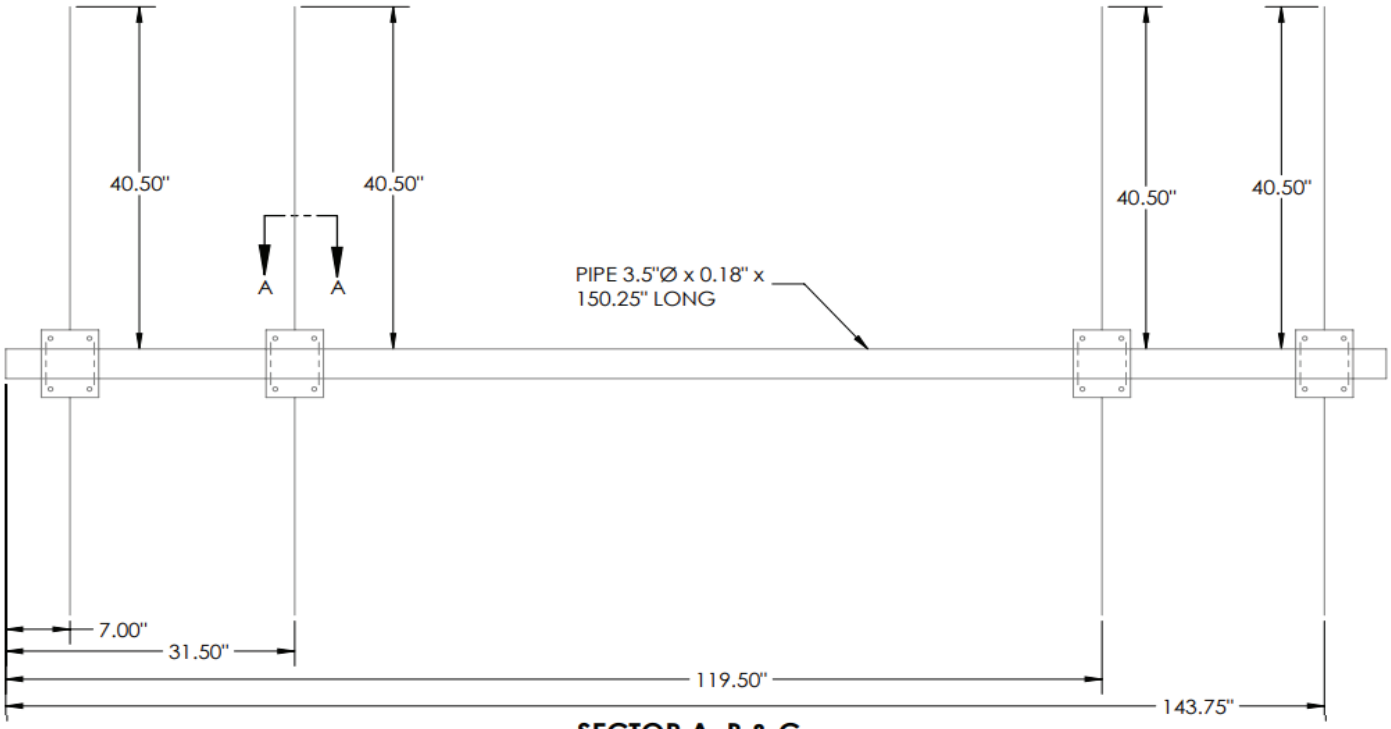
PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

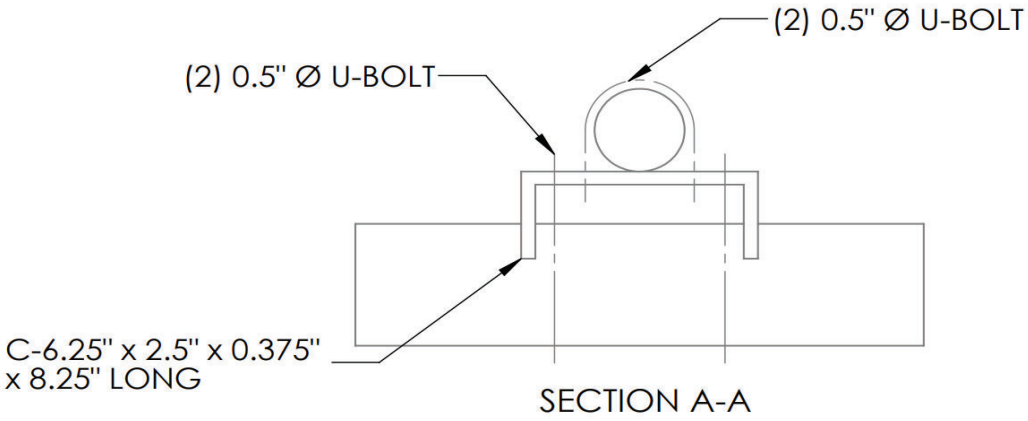
FCC #
UNKNOWN

Tower Owner:	CROWN CASTLE 876397	**Mapping Date:**	04-14-2021
Site Name:	CC : NEW MILFORD / KIMBERLY ; VZW : NEW MILFORD E CT	**Tower Type:**	Monopole
Site Number or ID:	VZW: 467151	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS Design & Engineering, LLC	**Mount Elevation (Ft.):**	148

Please Insert Sketches of the Antenna Mount

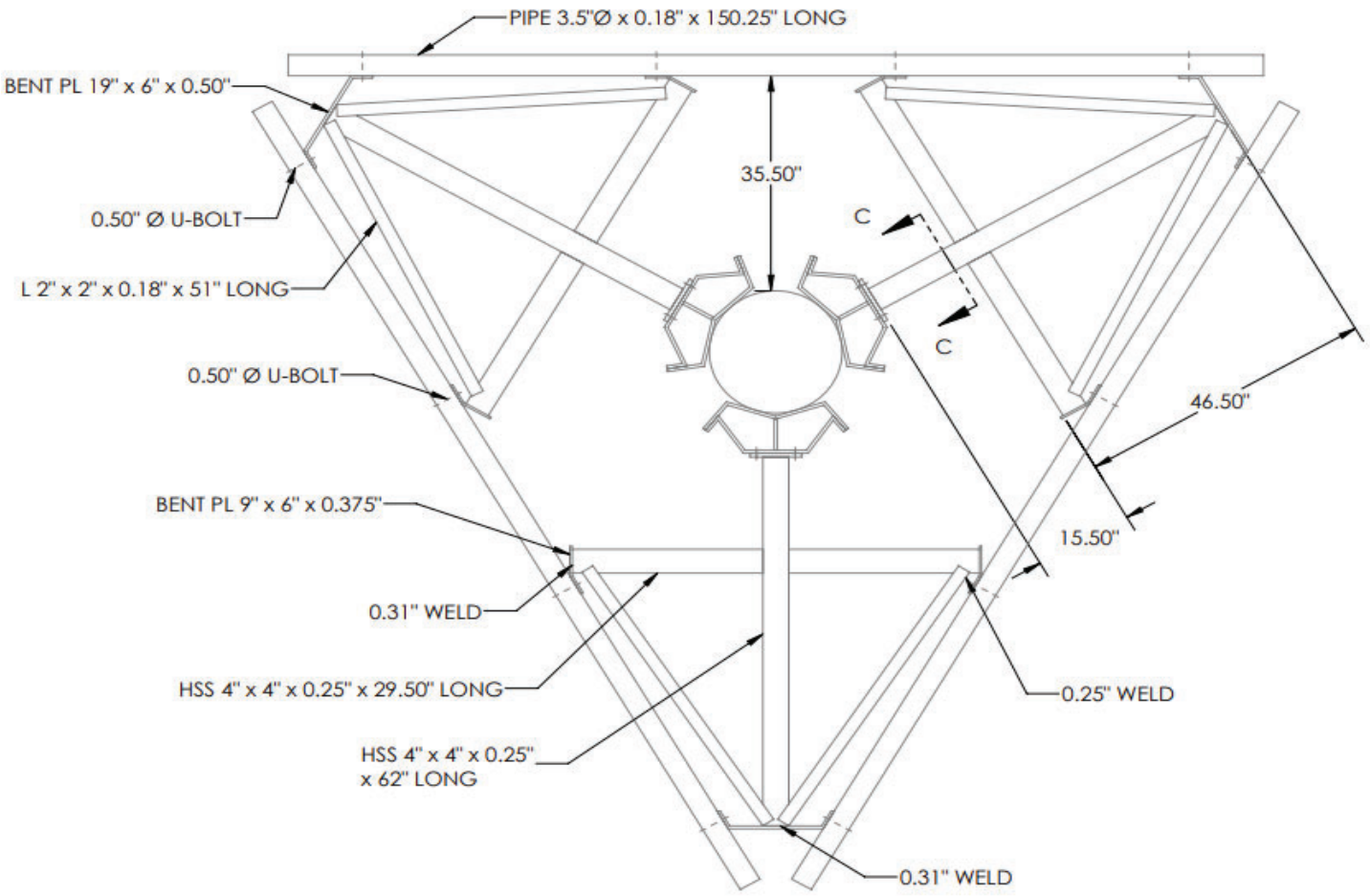


SECTOR A ,B & C

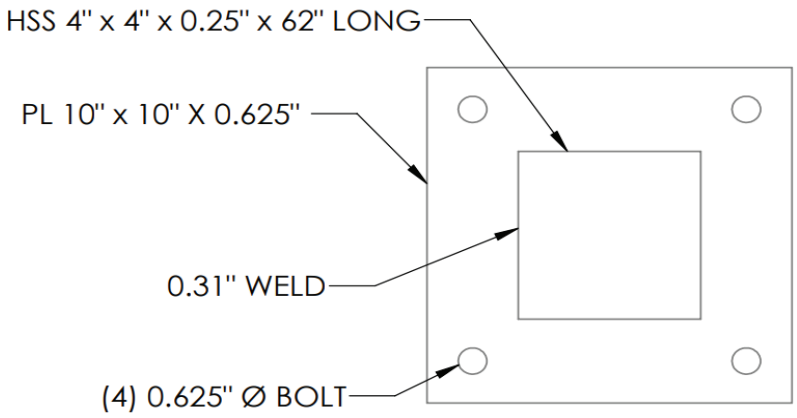


SECTION A-A

Please Insert Sketches of the Antenna Mount, cont'd

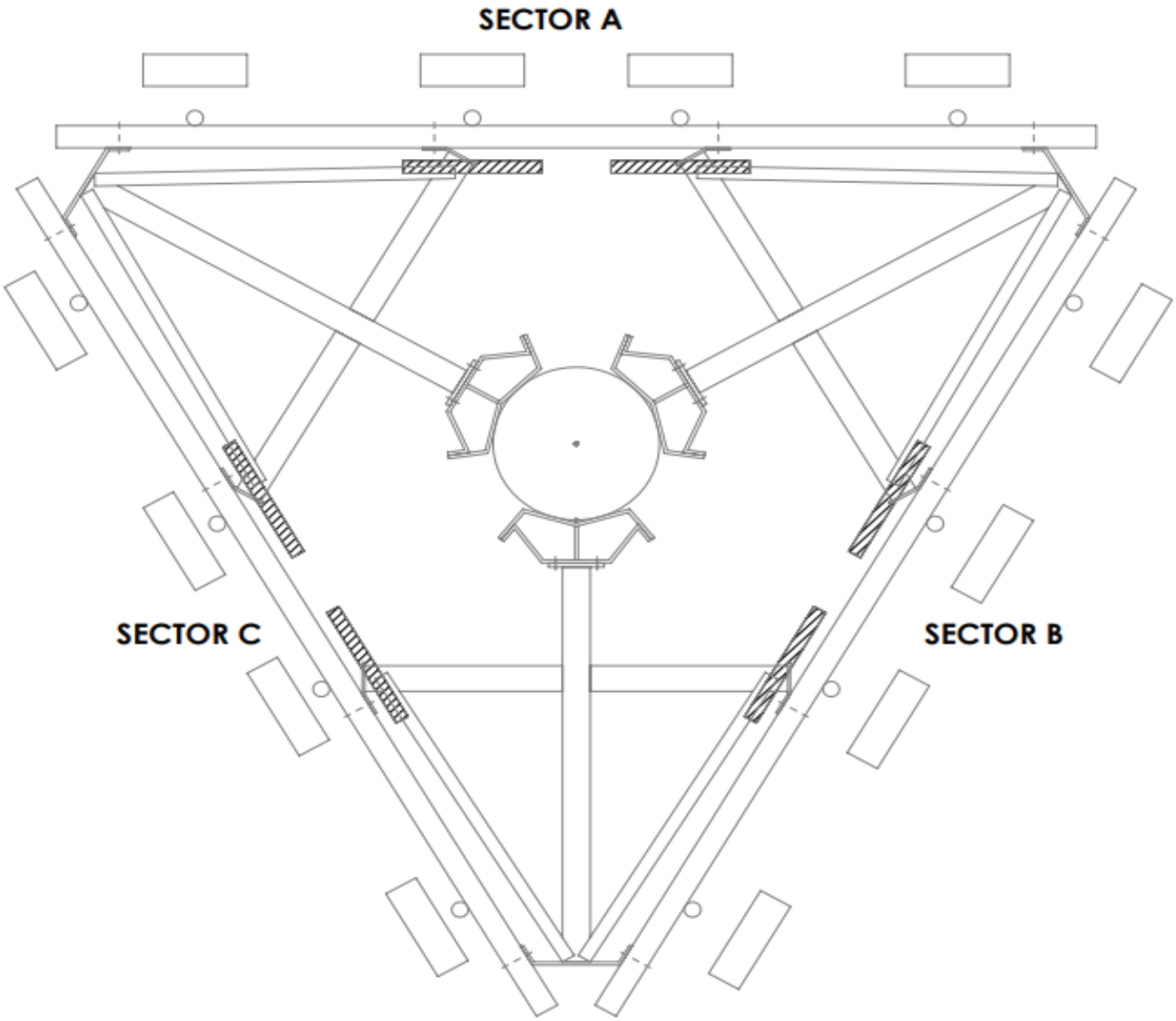


MOUNT PLAN VIEW

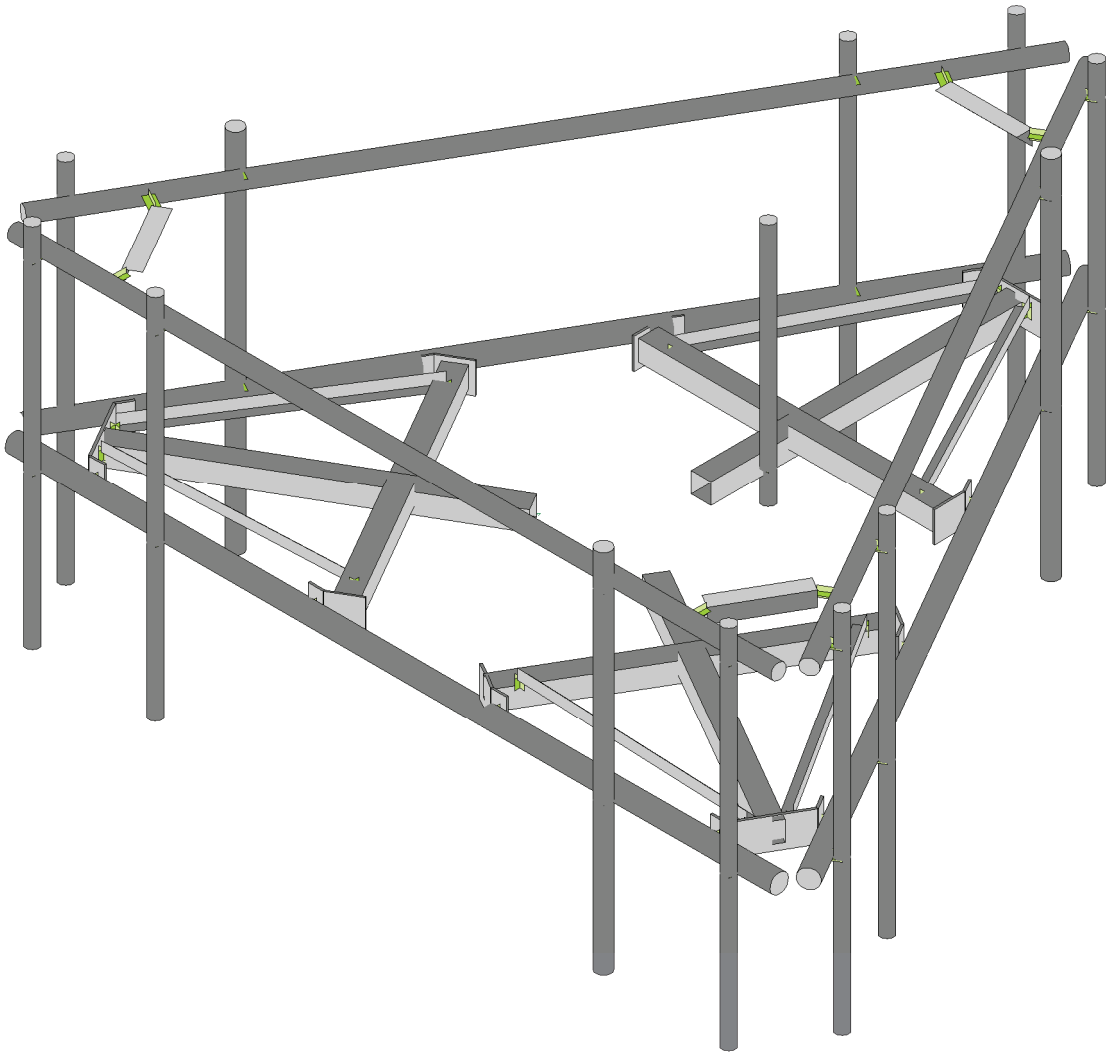


SECTION C-C

Please Insert Sketches of the Antenna Mount, cont'd

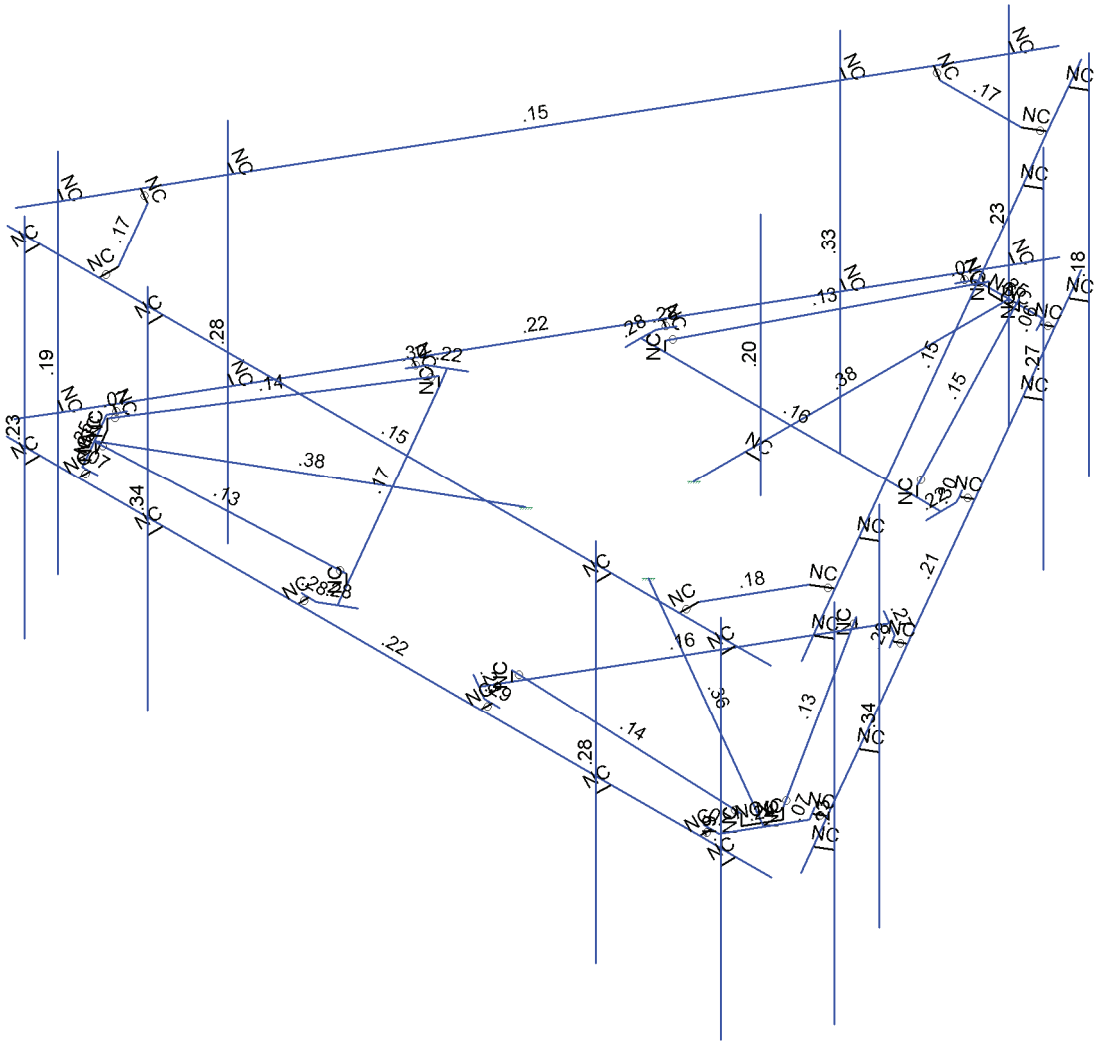


ANTENNA PLAN VIEW



Envelope Only Solution

Colliers Engineering & Des...	5000246936-VZW_MT_LO_H	SK - 1
		July 11, 2023 at 10:27 AM
Project No. 10206809		5000246936-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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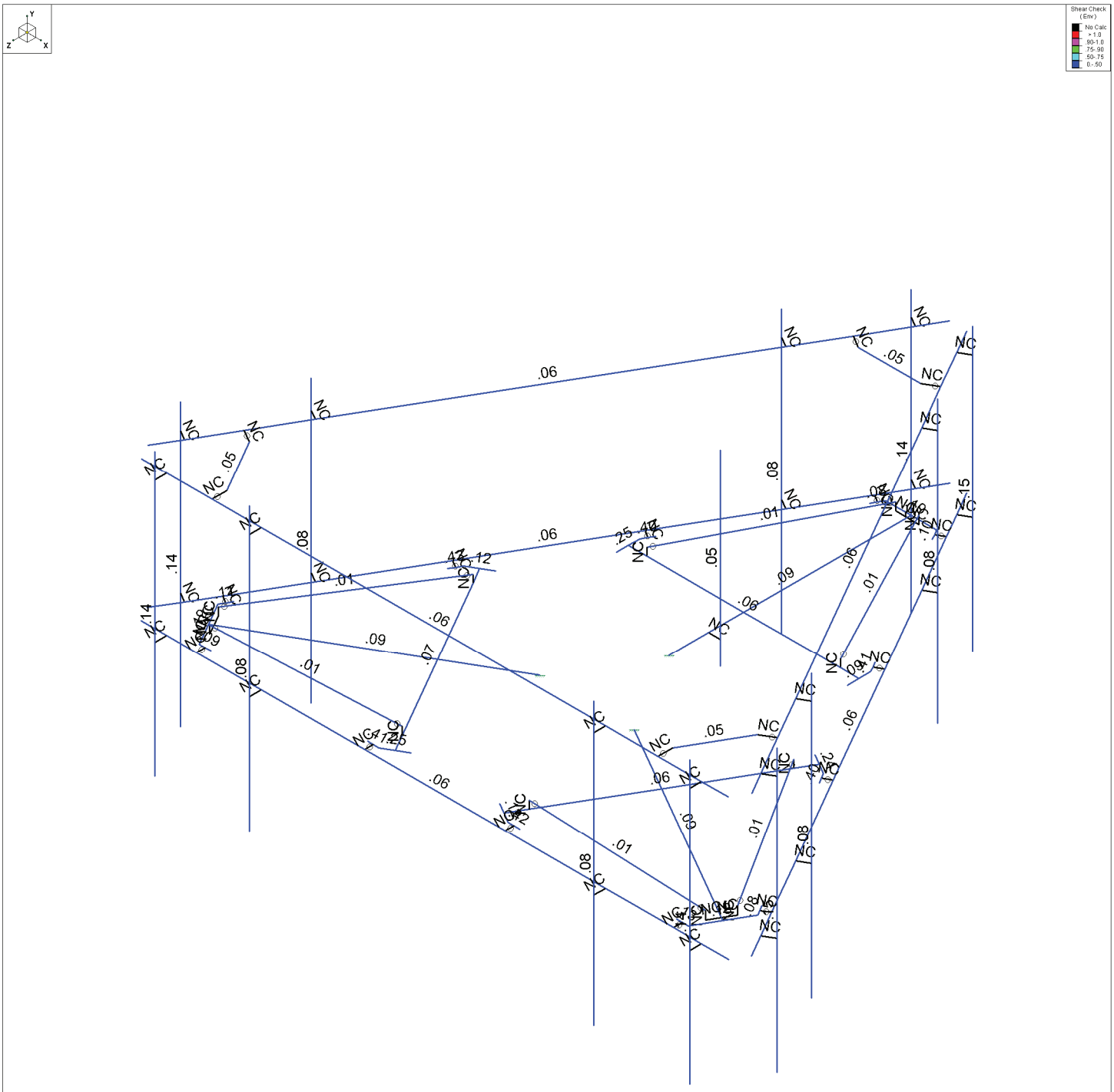
		July 11, 2023 at 10:27 AM
Project No. 10206809		5000246936-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

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Project No. 10206809		5000246936-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					117			
2	Antenna Di	None					117			
3	Antenna Wo (0 Deg)	None					117			
4	Antenna Wo (30 Deg)	None					117			
5	Antenna Wo (60 Deg)	None					117			
6	Antenna Wo (90 Deg)	None					117			
7	Antenna Wo (120 Deg)	None					117			
8	Antenna Wo (150 Deg)	None					117			
9	Antenna Wo (180 Deg)	None					117			
10	Antenna Wo (210 Deg)	None					117			
11	Antenna Wo (240 Deg)	None					117			
12	Antenna Wo (270 Deg)	None					117			
13	Antenna Wo (300 Deg)	None					117			
14	Antenna Wo (330 Deg)	None					117			
15	Antenna Wi (0 Deg)	None					117			
16	Antenna Wi (30 Deg)	None					117			
17	Antenna Wi (60 Deg)	None					117			
18	Antenna Wi (90 Deg)	None					117			
19	Antenna Wi (120 Deg)	None					117			
20	Antenna Wi (150 Deg)	None					117			
21	Antenna Wi (180 Deg)	None					117			
22	Antenna Wi (210 Deg)	None					117			
23	Antenna Wi (240 Deg)	None					117			
24	Antenna Wi (270 Deg)	None					117			
25	Antenna Wi (300 Deg)	None					117			
26	Antenna Wi (330 Deg)	None					117			
27	Antenna Wm (0 Deg)	None					117			
28	Antenna Wm (30 Deg)	None					117			
29	Antenna Wm (60 Deg)	None					117			
30	Antenna Wm (90 Deg)	None					117			
31	Antenna Wm (120 Deg)	None					117			
32	Antenna Wm (150 Deg)	None					117			
33	Antenna Wm (180 Deg)	None					117			
34	Antenna Wm (210 Deg)	None					117			
35	Antenna Wm (240 Deg)	None					117			
36	Antenna Wm (270 Deg)	None					117			
37	Antenna Wm (300 Deg)	None					117			
38	Antenna Wm (330 Deg)	None					117			
39	Structure D	None		-1					5	
40	Structure Di	None						55	3	
41	Structure Wo (0 Deg)	None						110		
42	Structure Wo (30 Deg)	None						110		
43	Structure Wo (60 Deg)	None						110		
44	Structure Wo (90 Deg)	None						110		
45	Structure Wo (120 D...	None						110		
46	Structure Wo (150 D...	None						110		
47	Structure Wo (180 D...	None						110		
48	Structure Wo (210 D...	None						110		
49	Structure Wo (240 D...	None						110		
50	Structure Wo (270 D...	None						110		
51	Structure Wo (300 D...	None						110		
52	Structure Wo (330 D...	None						110		
53	Structure Wi (0 Deg)	None						110		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						110		
55	Structure Wi (60 Deg)	None						110		
56	Structure Wi (90 Deg)	None						110		
57	Structure Wi (120 De...	None						110		
58	Structure Wi (150 De...	None						110		
59	Structure Wi (180 De...	None						110		
60	Structure Wi (210 De...	None						110		
61	Structure Wi (240 De...	None						110		
62	Structure Wi (270 De...	None						110		
63	Structure Wi (300 De...	None						110		
64	Structure Wi (330 De...	None						110		
65	Structure Wm (0 Deg)	None						110		
66	Structure Wm (30 De...	None						110		
67	Structure Wm (60 De...	None						110		
68	Structure Wm (90 De...	None						110		
69	Structure Wm (120 D...	None						110		
70	Structure Wm (150 D...	None						110		
71	Structure Wm (180 D...	None						110		
72	Structure Wm (210 D...	None						110		
73	Structure Wm (240 D...	None						110		
74	Structure Wm (270 D...	None						110		
75	Structure Wm (300 D...	None						110		
76	Structure Wm (330 D...	None						110		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY		-.042					5	
85	Structure Eh (0 Deg)	ELZ			-.106				5	
86	Structure Eh (90 Deg)	ELX	.106						5	
87	BLC 39 Transient Are...	None						36		
88	BLC 40 Transient Are...	None						36		
89	BLC 84 Transient Are...	None						36		
90	BLC 85 Transient Are...	None						36		
91	BLC 86 Transient Are...	None						36		

Load Combinations

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

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
15	1.2D + 1.0Di + 1.0Wi (6..	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (9..	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (1..	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (1..	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (1..	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (2..	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (2..	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (2..	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (3..	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (3..	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		ELZ	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	ELZ	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (6..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	ELZ	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (9..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	ELZ		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	ELZ	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	.5	ELZ	-.866	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		ELZ	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
61	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	ELZ		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.866	ELZ	.5	E...	-.866				
63	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	ELZ	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	ELZ	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (6..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	ELZ	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (9..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	ELZ	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	.5	ELZ	-.866	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
72	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
73	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.866	ELZ	.5	E...	-.866				
75	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	ELZ	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-0.	0	-1.16013	0	
2	N2	-0.	0	-6.326797	0	
3	N3	2.458333	0	-2.757033	0	
4	N4	-2.458333	0	-2.757033	0	
5	N5	-0.	0	-2.757033	0	
6	N6	0.666667	0	-6.11029	0	
7	N7	0.541667	0	-6.326797	0	
8	N8	-0.666667	0	-6.11029	0	
9	N9	-0.541667	0	-6.326797	0	
10	N10	-0.604167	0	-6.218544	0	
11	N11	-0.766546	0	-6.312294	0	
12	N12	0.604167	0	-6.218544	0	
13	N13	0.766546	0	-6.312294	0	
14	N14	-2.395833	0	-3.115286	0	
15	N15	-2.558213	0	-3.209036	0	
16	N16	2.395833	0	-3.115286	0	
17	N17	2.558213	0	-3.209036	0	
18	N18	2.458333	0	-2.507033	0	
19	N19	2.458333	0	-3.007033	0	
20	N20	2.333333	0	-3.223539	0	
21	N21	-2.458333	0	-2.507033	0	
22	N22	-2.458333	0	-3.007033	0	
23	N23	-2.333333	0	-3.223539	0	
24	N24	6.260417	0	3.819995	0	
25	N25	-6.260417	0	3.819995	0	
26	N26	5.479167	0	3.163398	0	
27	N27	1.357158	0	3.163398	0	
28	N28	-1.357158	0	3.163398	0	
29	N29	-5.479167	0	3.163398	0	
30	N30	5.677083	0	3.819995	0	
31	N31	3.635417	0	3.819995	0	
32	N32	-3.697917	0	3.819995	0	
33	N33	-5.71875	0	3.819995	0	
34	N34	5.677083	0	4.069995	0	
35	N35	3.635417	0	4.069995	0	
36	N36	-3.697917	0	4.069995	0	
37	N37	-5.71875	0	4.069995	0	
38	N38	5.677083	3.520833	4.069995	0	
39	N39	3.635417	3.583333	4.069995	0	
40	N40	-3.697917	3.520833	4.069995	0	
41	N41	-5.71875	3.520833	4.069995	0	
42	N42	5.677083	-2.479167	4.069995	0	
43	N43	3.635417	-2.416667	4.069995	0	
44	N44	-3.697917	-2.479167	4.069995	0	
45	N45	-5.71875	-2.479167	4.069995	0	
46	N46	1.004702	0	0.580065	0	
47	N48	1.158494	0	3.507495	0	
48	N49	3.616827	0	-0.750463	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N50	2.38766	0	1.378516	0	
50	N51	4.958333	0	3.632495	0	
51	N52	5.208333	0	3.632495	0	
52	N53	5.625	0	2.477795	0	
53	N54	5.75	0	2.694301	0	
54	N55	5.6875	0	2.586048	0	
55	N56	5.84988	0	2.492298	0	
56	N57	5.083333	0	3.632495	0	
57	N58	5.083333	0	3.819995	0	
58	N59	3.895833	0	-0.51721	0	
59	N60	4.058213	0	-0.61096	0	
60	N61	1.5	0	3.632495	0	
61	N62	1.5	0	3.819995	0	
62	N63	0.941987	0	3.382495	0	
63	N64	1.375	0	3.632495	0	
64	N65	1.625	0	3.632495	0	
65	N66	3.400321	0	-0.875463	0	
66	N67	3.833333	0	-0.625463	0	
67	N68	3.958333	0	-0.408956	0	
68	N69	-6.438421	0	3.511682	0	
69	N70	-0.178005	0	-7.331678	0	
70	N72	-3.418162	0	-0.406366	0	
71	N73	-2.061004	0	-2.757033	0	
72	N75	-6.146755	0	3.006501	0	
73	N76	-5.125921	0	1.238365	0	
74	N77	-1.459255	0	-5.112487	0	
75	N78	-0.448838	0	-6.86258	0	
76	N79	-6.363261	0	2.881501	0	
77	N80	-5.342428	0	1.113365	0	
78	N81	-1.675761	0	-5.237487	0	
79	N82	-0.665344	0	-6.98758	0	
80	N83	-6.363261	3.520833	2.881501	0	
81	N84	-5.342428	3.583333	1.113365	0	
82	N85	-1.675761	3.520833	-5.237487	0	
83	N86	-0.665344	3.520833	-6.98758	0	
84	N87	-6.363261	-2.479167	2.881501	0	
85	N88	-5.342428	-2.416667	1.113365	0	
86	N89	-1.675761	-2.479167	-5.237487	0	
87	N90	-0.665344	-2.479167	-6.98758	0	
88	N91	-1.004702	0	0.580065	0	
89	N93	-3.616827	0	-0.750463	0	
90	N94	-1.158494	0	3.507495	0	
91	N95	-2.38766	0	1.378516	0	
92	N96	-5.625	0	2.477795	0	
93	N97	-5.75	0	2.694301	0	
94	N98	-4.958333	0	3.632495	0	
95	N99	-5.208333	0	3.632495	0	
96	N100	-5.083333	0	3.632495	0	
97	N101	-5.083333	0	3.819995	0	
98	N102	-5.6875	0	2.586048	0	
99	N103	-5.84988	0	2.492298	0	
100	N104	-1.5	0	3.632495	0	
101	N105	-1.5	0	3.819995	0	
102	N106	-3.895833	0	-0.51721	0	
103	N107	-4.058213	0	-0.61096	0	
104	N108	-3.400321	0	-0.875463	0	
105	N109	-3.833333	0	-0.625463	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N110	-3.958333	0	-0.408956	0	
107	N111	-0.941987	0	3.382495	0	
108	N112	-1.375	0	3.632495	0	
109	N113	-1.625	0	3.632495	0	
110	N114	0.178005	0	-7.331678	0	
111	N115	6.438421	0	3.511682	0	
112	N117	2.061004	0	-2.757033	0	
113	N118	3.418162	0	-0.406366	0	
114	N120	0.469671	0	-6.826496	0	
115	N121	1.490505	0	-5.058361	0	
116	N122	5.157171	0	1.292492	0	
117	N123	6.167588	0	3.042585	0	
118	N124	0.686178	0	-6.951496	0	
119	N125	1.707011	0	-5.183361	0	
120	N126	5.373678	0	1.167492	0	
121	N127	6.384094	0	2.917585	0	
122	N128	0.686178	3.520833	-6.951496	0	
123	N129	1.707011	3.583333	-5.183361	0	
124	N130	5.373678	3.520833	1.167492	0	
125	N131	6.384094	3.520833	2.917585	0	
126	N132	0.686178	-2.479167	-6.951496	0	
127	N133	1.707011	-2.416667	-5.183361	0	
128	N134	5.373678	-2.479167	1.167492	0	
129	N135	6.384094	-2.479167	2.917585	0	
130	N130A	6.25	3	3.819995	0	
131	N131A	-6.25	3	3.819995	0	
132	N132A	5.677083	3	3.819995	0	
133	N133A	3.635417	3	3.819995	0	
134	N134A	-3.697917	3	3.819995	0	
135	N135A	-5.71875	3	3.819995	0	
136	N136	5.677083	3	4.069995	0	
137	N137	3.635417	3	4.069995	0	
138	N138	-3.697917	3	4.069995	0	
139	N139	-5.71875	3	4.069995	0	
140	N142	-6.146755	3	3.006501	0	
141	N143	-5.125921	3	1.238365	0	
142	N144	-1.459255	3	-5.112487	0	
143	N145	-0.448838	3	-6.86258	0	
144	N146	-6.363261	3	2.881501	0	
145	N147	-5.342428	3	1.113365	0	
146	N148	-1.675761	3	-5.237487	0	
147	N149	-0.665344	3	-6.98758	0	
148	N152	0.469671	3	-6.826496	0	
149	N153	1.490505	3	-5.058361	0	
150	N154	5.157171	3	1.292492	0	
151	N155	6.167588	3	3.042585	0	
152	N156	0.686178	3	-6.951496	0	
153	N157	1.707011	3	-5.183361	0	
154	N158	5.373678	3	1.167492	0	
155	N159	6.384094	3	2.917585	0	
156	N160	-4.75	3	3.819995	0	
157	N161	4.75	3	3.819995	0	
158	N162	-4.75	3	3.507495	0	
159	N163	4.75	3	3.507495	0	
160	N164A	0	0	0	0	
161	N161A	-6.433213	3	3.502661	0	
162	N162A	-0.183213	3	-7.322656	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N163A	-0.933213	3	-6.023618	0	
164	N164	-5.683213	3	2.203623	0	
165	N165	-0.66258	3	-5.867368	0	
166	N166	-5.41258	3	2.359873	0	
167	N168	0.183213	3	-7.322656	0	
168	N169	6.433213	3	3.502661	0	
169	N170	5.683213	3	2.203623	0	
170	N171	0.933213	3	-6.023618	0	
171	N172	5.41258	3	2.359873	0	
172	N173	0.66258	3	-5.867368	0	
173	N173A	-0.	0	-2.007033	0	
174	N174	.25	0	-2.007033	0	
175	N175	.25	-.5	-2.007033	0	
176	N176	.25	3.5	-2.007033	0	
177	N177	-0.	0	-6.243463	0	
178	N178	.25	0	-6.243463	0	
179	N179	-.25	0	-6.243463	0	
180	N180	-2.061004	0.166667	-2.757033	0	
181	N181	2.061004	0.166667	-2.757033	0	
182	N182	.25	0.166667	-6.243463	0	
183	N183	-.25	0.166667	-6.243463	0	
184	N186	-5.406998	0	3.121732	0	
185	N187	-5.531998	0	2.905225	0	
186	N188	-5.281998	0	3.338238	0	
187	N189	-1.357158	0.166667	3.163398	0	
188	N190	-3.418162	0.166667	-0.406366	0	
189	N191	-5.531998	0.166667	2.905225	0	
190	N192	-5.281998	0.166667	3.338238	0	
191	N195	5.406998	0	3.121732	0	
192	N196	5.281998	0	3.338238	0	
193	N197	5.531998	0	2.905225	0	
194	N198	3.418162	0.166667	-0.406366	0	
195	N199	1.357158	0.166667	3.163398	0	
196	N200	5.281998	0.166667	3.338238	0	
197	N201	5.531998	0.166667	2.905225	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff Horizontal	HSS4X4X4	None	None	A500 Gr.B RE...	Typical	3.37	7.8	7.8	12.8
2	Cross Arm	HSS4X4X4	None	None	A500 Gr.B RE...	Typical	3.37	7.8	7.8	12.8
3	Standoff Plate	PL1/2x6	None	None	A36 Gr.36	Typical	3	.063	9	.237
4	Cross Arm Plate	PL3/8x6	None	None	A36 Gr.36	Typical	2.25	.026	6.75	.101
5	Grating Angle	L2x2x3	None	None	A36 Gr.36	Typical	.722	.271	.271	.009
6	Toerail	HSS3.500X0.188	None	None	A500 Gr.B R...	Typical	1.82	2.52	2.52	5.04
7	Mount Pipe (P2 STD)	PIPE_2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Mod Mount Pipe (P2.5)	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Mod Support Rail	PIPE_2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Mod Support Rail Corner	L3X3X4	None	None	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/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

Hot Rolled Steel Properties (Continued)

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
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	A500 Gr.C RND	29000	11154	.3	.65	.527	46	1.4	62	1.3
7	A500 Gr.C RECT	29000	11154	.3	.65	.527	50	1.4	62	1.3
8	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
9	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
10	A913 Gr.65	29000	11154	.3	.65	.49	65	1.1	80	1.1

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Standoff Horiz...	None	None	A500 Gr.B...	Typical
2	M2	N3	N4			Cross Arm	None	None	A500 Gr.B...	Typical
3	M3	N6	N7			Standoff Plate	None	None	A36 Gr.36	Typical
4	M4	N8	N9			Standoff Plate	None	None	A36 Gr.36	Typical
5	M5	N7	N9			Standoff Plate	None	None	A36 Gr.36	Typical
6	M6	N10	N11			RIGID	None	None	RIGID	Typical
7	M7	N12	N13			RIGID	None	None	RIGID	Typical
8	M8	N14	N15			RIGID	None	None	RIGID	Typical
9	M9	N16	N17			RIGID	None	None	RIGID	Typical
10	M10	N18	N19			Cross Arm Plate	None	None	A36 Gr.36	Typical
11	M11	N19	N20			Cross Arm Plate	None	None	A36 Gr.36	Typical
12	M12	N21	N22			Cross Arm Plate	None	None	A36 Gr.36	Typical
13	M13	N22	N23			Cross Arm Plate	None	None	A36 Gr.36	Typical
14	M14	N24	N25			Toerail	None	None	A500 Gr.B...	Typical
15	M17	N30	N34			RIGID	None	None	RIGID	Typical
16	M18	N31	N35			RIGID	None	None	RIGID	Typical
17	M19	N32	N36			RIGID	None	None	RIGID	Typical
18	M20	N33	N37			RIGID	None	None	RIGID	Typical
19	M25	N46	N26			Standoff Horiz...	None	None	A500 Gr.B...	Typical
20	M26	N48	N49			Cross Arm	None	None	A500 Gr.B...	Typical
21	M27	N51	N52			Standoff Plate	None	None	A36 Gr.36	Typical
22	M28	N53	N54			Standoff Plate	None	None	A36 Gr.36	Typical
23	M29	N52	N54			Standoff Plate	None	None	A36 Gr.36	Typical
24	M30	N55	N56			RIGID	None	None	RIGID	Typical
25	M31	N57	N58			RIGID	None	None	RIGID	Typical
26	M32	N59	N60			RIGID	None	None	RIGID	Typical
27	M33	N61	N62			RIGID	None	None	RIGID	Typical
28	M34	N63	N64			Cross Arm Plate	None	None	A36 Gr.36	Typical
29	M35	N64	N65			Cross Arm Plate	None	None	A36 Gr.36	Typical
30	M36	N66	N67			Cross Arm Plate	None	None	A36 Gr.36	Typical
31	M37	N67	N68			Cross Arm Plate	None	None	A36 Gr.36	Typical
32	M38	N69	N70			Toerail	None	None	A500 Gr.B...	Typical
33	M40	N180	N183			Grating Angle	None	None	A36 Gr.36	Typical
34	M41	N75	N79			RIGID	None	None	RIGID	Typical
35	M42	N76	N80			RIGID	None	None	RIGID	Typical
36	M43	N77	N81			RIGID	None	None	RIGID	Typical
37	M44	N78	N82			RIGID	None	None	RIGID	Typical
38	M49	N91	N29			Standoff Horiz...	None	None	A500 Gr.B...	Typical
39	M50	N93	N94			Cross Arm	None	None	A500 Gr.B...	Typical
40	M51	N96	N97			Standoff Plate	None	None	A36 Gr.36	Typical
41	M52	N98	N99			Standoff Plate	None	None	A36 Gr.36	Typical
42	M53	N97	N99			Standoff Plate	None	None	A36 Gr.36	Typical
43	M54	N100	N101			RIGID	None	None	RIGID	Typical
44	M55	N102	N103			RIGID	None	None	RIGID	Typical
45	M56	N104	N105			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
46	M57	N106	N107			RIGID	None	None	RIGID	Typical
47	M58	N108	N109			Cross Arm Plate	None	None	A36 Gr.36	Typical
48	M59	N109	N110			Cross Arm Plate	None	None	A36 Gr.36	Typical
49	M60	N111	N112			Cross Arm Plate	None	None	A36 Gr.36	Typical
50	M61	N112	N113			Cross Arm Plate	None	None	A36 Gr.36	Typical
51	M62	N114	N115			Toerail	None	None	A500 Gr.B...	Typical
52	M63	N182	N181			Grating Angle	None	None	A36 Gr.36	Typical
53	M65	N120	N124			RIGID	None	None	RIGID	Typical
54	M66	N121	N125			RIGID	None	None	RIGID	Typical
55	M67	N122	N126			RIGID	None	None	RIGID	Typical
56	M68	N123	N127			RIGID	None	None	RIGID	Typical
57	MP1A	N38	N42			Mount Pipe (P...	None	None	A53 Gr.B	Typical
58	MP1B	N83	N87			Mount Pipe (P...	None	None	A53 Gr.B	Typical
59	MP1C	N128	N132			Mount Pipe (P...	None	None	A53 Gr.B	Typical
60	MP2A	N39	N43			Mod Mount Pip...	None	None	A53 Gr.B	Typical
61	MP2B	N84	N88			Mod Mount Pip...	None	None	A53 Gr.B	Typical
62	MP2C	N129	N133			Mod Mount Pip...	None	None	A53 Gr.B	Typical
63	MP3A	N40	N44			Mount Pipe (P...	None	None	A53 Gr.B	Typical
64	MP3B	N85	N89			Mount Pipe (P...	None	None	A53 Gr.B	Typical
65	MP3C	N130	N134			Mount Pipe (P...	None	None	A53 Gr.B	Typical
66	MP4A	N41	N45			Mount Pipe (P...	None	None	A53 Gr.B	Typical
67	MP4B	N86	N90			Mount Pipe (P...	None	None	A53 Gr.B	Typical
68	MP4C	N131	N135			Mount Pipe (P...	None	None	A53 Gr.B	Typical
69	M73	N130A	N131A			Mod Support ...	None	None	A53 Gr.B	Typical
70	M74	N132A	N136			RIGID	None	None	RIGID	Typical
71	M75	N133A	N137			RIGID	None	None	RIGID	Typical
72	M76	N134A	N138			RIGID	None	None	RIGID	Typical
73	M77	N135A	N139			RIGID	None	None	RIGID	Typical
74	M79	N142	N146			RIGID	None	None	RIGID	Typical
75	M80	N143	N147			RIGID	None	None	RIGID	Typical
76	M81	N144	N148			RIGID	None	None	RIGID	Typical
77	M82	N145	N149			RIGID	None	None	RIGID	Typical
78	M84	N152	N156			RIGID	None	None	RIGID	Typical
79	M85	N153	N157			RIGID	None	None	RIGID	Typical
80	M86	N154	N158			RIGID	None	None	RIGID	Typical
81	M87	N155	N159			RIGID	None	None	RIGID	Typical
82	M88	N162	N160			RIGID	None	None	RIGID	Typical
83	M89	N163	N161			RIGID	None	None	RIGID	Typical
84	M88A	N161A	N162A			Mod Support ...	None	None	A53 Gr.B	Typical
85	M89A	N165	N163A			RIGID	None	None	RIGID	Typical
86	M90	N166	N164			RIGID	None	None	RIGID	Typical
87	M91	N168	N169			Mod Support ...	None	None	A53 Gr.B	Typical
88	M92	N172	N170			RIGID	None	None	RIGID	Typical
89	M93	N173	N171			RIGID	None	None	RIGID	Typical
90	M94	N162	N166		90	Mod Support ...	None	None	A36 Gr.36	Typical
91	M95	N165	N173		90	Mod Support ...	None	None	A36 Gr.36	Typical
92	M96	N172	N163		90	Mod Support ...	None	None	A36 Gr.36	Typical
93	OVP	N176	N175			Mount Pipe (P...	None	None	A53 Gr.B	Typical
94	M98	N173A	N174			RIGID	None	None	RIGID	Typical
95	M99	N73	N180			RIGID	None	None	RIGID	Typical
96	M100	N117	N181			RIGID	None	None	RIGID	Typical
97	M101	N178	N182			RIGID	None	None	RIGID	Typical
98	M102	N179	N183			RIGID	None	None	RIGID	Typical
99	M103	N177	N179			RIGID	None	None	RIGID	Typical
100	M104	N177	N178			RIGID	None	None	RIGID	Typical
101	M101A	N189	N192			Grating Angle	None	None	A36 Gr.36	Typical
102	M102A	N191	N190			Grating Angle	None	None	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
103	M103A	N28	N189			RIGID	None	None	RIGID	Typical
104	M104A	N72	N190			RIGID	None	None	RIGID	Typical
105	M105	N187	N191			RIGID	None	None	RIGID	Typical
106	M106	N188	N192			RIGID	None	None	RIGID	Typical
107	M107	N186	N188			RIGID	None	None	RIGID	Typical
108	M108	N186	N187			RIGID	None	None	RIGID	Typical
109	M109	N198	N201			Grating Angle	None	None	A36 Gr.36	Typical
110	M110	N200	N199			Grating Angle	None	None	A36 Gr.36	Typical
111	M111	N118	N198			RIGID	None	None	RIGID	Typical
112	M112	N27	N199			RIGID	None	None	RIGID	Typical
113	M113	N196	N200			RIGID	None	None	RIGID	Typical
114	M114	N197	N201			RIGID	None	None	RIGID	Typical
115	M115	N195	N197			RIGID	None	None	RIGID	Typical
116	M116	N195	N196			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	** NA **			None
2	M2						Yes	** NA **			None
3	M3						Yes	** NA **			None
4	M4						Yes	** NA **			None
5	M5						Yes	** NA **			None
6	M6		BenPIN				Yes	** NA **			None
7	M7		BenPIN				Yes	** NA **			None
8	M8		BenPIN				Yes	** NA **			None
9	M9		BenPIN				Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12						Yes	** NA **			None
13	M13						Yes	** NA **			None
14	M14						Yes	** NA **			None
15	M17						Yes	** NA **			None
16	M18						Yes	** NA **			None
17	M19						Yes	** NA **			None
18	M20						Yes	** NA **			None
19	M25						Yes	** NA **			None
20	M26						Yes	** NA **			None
21	M27						Yes	** NA **			None
22	M28						Yes	** NA **			None
23	M29						Yes	** NA **			None
24	M30		BenPIN				Yes	** NA **			None
25	M31		BenPIN				Yes	** NA **			None
26	M32		BenPIN				Yes	** NA **			None
27	M33		BenPIN				Yes	** NA **			None
28	M34						Yes	** NA **			None
29	M35						Yes	** NA **			None
30	M36						Yes	** NA **			None
31	M37						Yes	** NA **			None
32	M38						Yes	** NA **			None
33	M40	OOOOOX	OOOOOX				Yes	** NA **			None
34	M41						Yes	** NA **			None
35	M42						Yes	** NA **			None
36	M43						Yes	** NA **			None
37	M44						Yes	** NA **			None
38	M49						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
39	M50						Yes	** NA **			None
40	M51						Yes	** NA **			None
41	M52						Yes	** NA **			None
42	M53						Yes	** NA **			None
43	M54		BenPIN				Yes	** NA **			None
44	M55		BenPIN				Yes	** NA **			None
45	M56		BenPIN				Yes	** NA **			None
46	M57		BenPIN				Yes	** NA **			None
47	M58						Yes	** NA **			None
48	M59						Yes	** NA **			None
49	M60						Yes	** NA **			None
50	M61						Yes	** NA **			None
51	M62						Yes	** NA **			None
52	M63	OOOOOX	OOOOOX				Yes	** NA **			None
53	M65						Yes	** NA **			None
54	M66						Yes	** NA **			None
55	M67						Yes	** NA **			None
56	M68						Yes	** NA **			None
57	MP1A						Yes	** NA **			None
58	MP1B						Yes	** NA **			None
59	MP1C						Yes	** NA **			None
60	MP2A						Yes	** NA **			None
61	MP2B						Yes	** NA **			None
62	MP2C						Yes	** NA **			None
63	MP3A						Yes	** NA **			None
64	MP3B						Yes	** NA **			None
65	MP3C						Yes	** NA **			None
66	MP4A						Yes	** NA **			None
67	MP4B						Yes	** NA **			None
68	MP4C						Yes	** NA **			None
69	M73						Yes	** NA **			None
70	M74						Yes	** NA **			None
71	M75						Yes	** NA **			None
72	M76						Yes	** NA **			None
73	M77						Yes	** NA **			None
74	M79						Yes	** NA **			None
75	M80						Yes	** NA **			None
76	M81						Yes	** NA **			None
77	M82						Yes	** NA **			None
78	M84						Yes	** NA **			None
79	M85						Yes	** NA **			None
80	M86						Yes	** NA **			None
81	M87						Yes	** NA **			None
82	M88		OOOOOO				Yes	** NA **			None
83	M89		OOOOOO				Yes	** NA **			None
84	M88A						Yes	** NA **			None
85	M89A		OOOOOO				Yes	** NA **			None
86	M90		OOOOOO				Yes	** NA **			None
87	M91						Yes	** NA **			None
88	M92		OOOOOO				Yes	** NA **			None
89	M93		OOOOOO				Yes	** NA **			None
90	M94						Yes	** NA **			None
91	M95						Yes	** NA **			None
92	M96						Yes	** NA **			None
93	OVP						Yes	** NA **			None
94	M98						Yes	** NA **			None
95	M99						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
96	M100						Yes	** NA **			None
97	M101						Yes	** NA **			None
98	M102						Yes	** NA **			None
99	M103						Yes	** NA **			None
100	M104						Yes	** NA **			None
101	M101A	OOOOOX	OOOOOX				Yes	** NA **			None
102	M102A	OOOOOX	OOOOOX				Yes	** NA **			None
103	M103A						Yes	** NA **			None
104	M104A						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109	OOOOOX	OOOOOX				Yes	** NA **			None
110	M110	OOOOOX	OOOOOX				Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-34.5	.5
2	MP2A	My	-.031	.5
3	MP2A	Mz	-.002	.5
4	MP2A	Y	-34.5	5
5	MP2A	My	-.031	5
6	MP2A	Mz	-.002	5
7	MP2B	Y	-34.5	.5
8	MP2B	My	.017	.5
9	MP2B	Mz	-.026	.5
10	MP2B	Y	-34.5	5
11	MP2B	My	.017	5
12	MP2B	Mz	-.026	5
13	MP2C	Y	-34.5	.5
14	MP2C	My	.014	.5
15	MP2C	Mz	.028	.5
16	MP2C	Y	-34.5	5
17	MP2C	My	.014	5
18	MP2C	Mz	.028	5
19	MP2A	Y	-34.5	.5
20	MP2A	My	-.002	.5
21	MP2A	Mz	-.031	.5
22	MP2A	Y	-34.5	5
23	MP2A	My	-.002	5
24	MP2A	Mz	-.031	5
25	MP2B	Y	-34.5	.5
26	MP2B	My	.028	.5
27	MP2B	Mz	.014	.5
28	MP2B	Y	-34.5	5
29	MP2B	My	.028	5
30	MP2B	Mz	.014	5
31	MP2C	Y	-34.5	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2C	My	-.026	.5
33	MP2C	Mz	.017	.5
34	MP2C	Y	-34.5	5
35	MP2C	My	-.026	5
36	MP2C	Mz	.017	5
37	MP3A	Y	-43.55	1.5
38	MP3A	My	-.021	1.5
39	MP3A	Mz	-.021	1.5
40	MP3A	Y	-43.55	4
41	MP3A	My	-.021	4
42	MP3A	Mz	-.021	4
43	MP3B	Y	-43.55	1.5
44	MP3B	My	.028	1.5
45	MP3B	Mz	-.008	1.5
46	MP3B	Y	-43.55	4
47	MP3B	My	.028	4
48	MP3B	Mz	-.008	4
49	MP3C	Y	-43.55	1.5
50	MP3C	My	-.008	1.5
51	MP3C	Mz	.028	1.5
52	MP3C	Y	-43.55	4
53	MP3C	My	-.008	4
54	MP3C	Mz	.028	4
55	OVP	Y	-32	1.5
56	OVP	My	.015	1.5
57	OVP	Mz	.004	1.5
58	MP2A	Y	-84.4	2
59	MP2A	My	.041	2
60	MP2A	Mz	.011	2
61	MP2B	Y	-84.4	2
62	MP2B	My	-.03	2
63	MP2B	Mz	.03	2
64	MP2C	Y	-84.4	2
65	MP2C	My	-.004	2
66	MP2C	Mz	-.042	2
67	MP1A	Y	-70.3	2
68	MP1A	My	.034	2
69	MP1A	Mz	.009	2
70	MP1B	Y	-70.3	2
71	MP1B	My	-.025	2
72	MP1B	Mz	.025	2
73	MP1C	Y	-70.3	2
74	MP1C	My	-.003	2
75	MP1C	Mz	-.035	2
76	MP1C	Y	-10.5	.5
77	MP1C	My	.001	.5
78	MP1C	Mz	.014	.5
79	MP1C	Y	-10.5	5
80	MP1C	My	.001	5
81	MP1C	Mz	.014	5
82	MP4C	Y	-10.5	.5
83	MP4C	My	.001	.5
84	MP4C	Mz	.014	.5
85	MP4C	Y	-10.5	5
86	MP4C	My	.001	5
87	MP4C	Mz	.014	5
88	MP1A	Y	-10.5	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1A	My	-.013	.5
90	MP1A	Mz	-.004	.5
91	MP1A	Y	-10.5	5
92	MP1A	My	-.013	5
93	MP1A	Mz	-.004	5
94	MP1B	Y	-10.5	.5
95	MP1B	My	.01	.5
96	MP1B	Mz	-.01	.5
97	MP1B	Y	-10.5	5
98	MP1B	My	.01	5
99	MP1B	Mz	-.01	5
100	MP4A	Y	-10.5	.5
101	MP4A	My	-.013	.5
102	MP4A	Mz	-.004	.5
103	MP4A	Y	-10.5	5
104	MP4A	My	-.013	5
105	MP4A	Mz	-.004	5
106	MP4B	Y	-10.5	.5
107	MP4B	My	.01	.5
108	MP4B	Mz	-.01	.5
109	MP4B	Y	-10.5	5
110	MP4B	My	.01	5
111	MP4B	Mz	-.01	5
112	MP2B	Y	-17.6	4
113	MP2B	My	-.004	4
114	MP2B	Mz	.001	4
115	MP2B	Y	-17.6	4
116	MP2B	My	-.004	4
117	MP2B	Mz	.001	4

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-72.977	.5
2	MP2A	My	-.066	.5
3	MP2A	Mz	-.003	.5
4	MP2A	Y	-72.977	5
5	MP2A	My	-.066	5
6	MP2A	Mz	-.003	5
7	MP2B	Y	-72.977	.5
8	MP2B	My	.036	.5
9	MP2B	Mz	-.055	.5
10	MP2B	Y	-72.977	5
11	MP2B	My	.036	5
12	MP2B	Mz	-.055	5
13	MP2C	Y	-72.977	.5
14	MP2C	My	.03	.5
15	MP2C	Mz	.058	.5
16	MP2C	Y	-72.977	5
17	MP2C	My	.03	5
18	MP2C	Mz	.058	5
19	MP2A	Y	-72.977	.5
20	MP2A	My	-.003	.5
21	MP2A	Mz	-.066	.5
22	MP2A	Y	-72.977	5
23	MP2A	My	-.003	5
24	MP2A	Mz	-.066	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	Y	-72.977	.5
26	MP2B	My	.058	.5
27	MP2B	Mz	.03	.5
28	MP2B	Y	-72.977	5
29	MP2B	My	.058	5
30	MP2B	Mz	.03	5
31	MP2C	Y	-72.977	.5
32	MP2C	My	-.055	.5
33	MP2C	Mz	.036	.5
34	MP2C	Y	-72.977	5
35	MP2C	My	-.055	5
36	MP2C	Mz	.036	5
37	MP3A	Y	-35.886	1.5
38	MP3A	My	-.017	1.5
39	MP3A	Mz	-.017	1.5
40	MP3A	Y	-35.886	4
41	MP3A	My	-.017	4
42	MP3A	Mz	-.017	4
43	MP3B	Y	-35.886	1.5
44	MP3B	My	.023	1.5
45	MP3B	Mz	-.006	1.5
46	MP3B	Y	-35.886	4
47	MP3B	My	.023	4
48	MP3B	Mz	-.006	4
49	MP3C	Y	-35.886	1.5
50	MP3C	My	-.006	1.5
51	MP3C	Mz	.023	1.5
52	MP3C	Y	-35.886	4
53	MP3C	My	-.006	4
54	MP3C	Mz	.023	4
55	OVP	Y	-88.574	1.5
56	OVP	My	.043	1.5
57	OVP	Mz	.011	1.5
58	MP2A	Y	-45.248	2
59	MP2A	My	.022	2
60	MP2A	Mz	.006	2
61	MP2B	Y	-45.248	2
62	MP2B	My	-.016	2
63	MP2B	Mz	.016	2
64	MP2C	Y	-45.248	2
65	MP2C	My	-.002	2
66	MP2C	Mz	-.023	2
67	MP1A	Y	-40.695	2
68	MP1A	My	.02	2
69	MP1A	Mz	.005	2
70	MP1B	Y	-40.695	2
71	MP1B	My	-.014	2
72	MP1B	Mz	.014	2
73	MP1C	Y	-40.695	2
74	MP1C	My	-.002	2
75	MP1C	Mz	-.02	2
76	MP1C	Y	-58.922	.5
77	MP1C	My	.007	.5
78	MP1C	Mz	.076	.5
79	MP1C	Y	-58.922	5
80	MP1C	My	.007	5
81	MP1C	Mz	.076	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	Y	-58.922	.5
83	MP4C	My	.007	.5
84	MP4C	Mz	.076	.5
85	MP4C	Y	-58.922	5
86	MP4C	My	.007	5
87	MP4C	Mz	.076	5
88	MP1A	Y	-58.922	.5
89	MP1A	My	-.074	.5
90	MP1A	Mz	-.02	.5
91	MP1A	Y	-58.922	5
92	MP1A	My	-.074	5
93	MP1A	Mz	-.02	5
94	MP1B	Y	-58.922	.5
95	MP1B	My	.054	.5
96	MP1B	Mz	-.054	.5
97	MP1B	Y	-58.922	5
98	MP1B	My	.054	5
99	MP1B	Mz	-.054	5
100	MP4A	Y	-58.922	.5
101	MP4A	My	-.074	.5
102	MP4A	Mz	-.02	.5
103	MP4A	Y	-58.922	5
104	MP4A	My	-.074	5
105	MP4A	Mz	-.02	5
106	MP4B	Y	-58.922	.5
107	MP4B	My	.054	.5
108	MP4B	Mz	-.054	.5
109	MP4B	Y	-58.922	5
110	MP4B	My	.054	5
111	MP4B	Mz	-.054	5
112	MP2B	Y	-17.49	4
113	MP2B	My	-.004	4
114	MP2B	Mz	.001	4
115	MP2B	Y	-17.49	4
116	MP2B	My	-.004	4
117	MP2B	Mz	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-55.297	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	0	5
5	MP2A	Z	-55.297	5
6	MP2A	Mx	.002	5
7	MP2B	X	0	.5
8	MP2B	Z	-49.81	.5
9	MP2B	Mx	.038	.5
10	MP2B	X	0	5
11	MP2B	Z	-49.81	5
12	MP2B	Mx	.038	5
13	MP2C	X	0	.5
14	MP2C	Z	-60.784	.5
15	MP2C	Mx	-.049	.5
16	MP2C	X	0	5
17	MP2C	Z	-60.784	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.049	5
19	MP2A	X	0	.5
20	MP2A	Z	-55.297	.5
21	MP2A	Mx	.05	.5
22	MP2A	X	0	5
23	MP2A	Z	-55.297	5
24	MP2A	Mx	.05	5
25	MP2B	X	0	.5
26	MP2B	Z	-49.81	.5
27	MP2B	Mx	-.02	.5
28	MP2B	X	0	5
29	MP2B	Z	-49.81	5
30	MP2B	Mx	-.02	5
31	MP2C	X	0	.5
32	MP2C	Z	-60.784	.5
33	MP2C	Mx	-.03	.5
34	MP2C	X	0	5
35	MP2C	Z	-60.784	5
36	MP2C	Mx	-.03	5
37	MP3A	X	0	1.5
38	MP3A	Z	-50.593	1.5
39	MP3A	Mx	.024	1.5
40	MP3A	X	0	4
41	MP3A	Z	-50.593	4
42	MP3A	Mx	.024	4
43	MP3B	X	0	1.5
44	MP3B	Z	-71.96	1.5
45	MP3B	Mx	.012	1.5
46	MP3B	X	0	4
47	MP3B	Z	-71.96	4
48	MP3B	Mx	.012	4
49	MP3C	X	0	1.5
50	MP3C	Z	-29.226	1.5
51	MP3C	Mx	-.019	1.5
52	MP3C	X	0	4
53	MP3C	Z	-29.226	4
54	MP3C	Mx	-.019	4
55	OVP	X	0	1.5
56	OVP	Z	-153.431	1.5
57	OVP	Mx	-.02	1.5
58	MP2A	X	0	2
59	MP2A	Z	-58.209	2
60	MP2A	Mx	-.008	2
61	MP2B	X	0	2
62	MP2B	Z	-49.729	2
63	MP2B	Mx	-.018	2
64	MP2C	X	0	2
65	MP2C	Z	-40.086	2
66	MP2C	Mx	.02	2
67	MP1A	X	0	2
68	MP1A	Z	-57.721	2
69	MP1A	Mx	-.007	2
70	MP1B	X	0	2
71	MP1B	Z	-46.081	2
72	MP1B	Mx	-.016	2
73	MP1C	X	0	2
74	MP1C	Z	-32.845	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP1C	Mx	.016	2
76	MP1C	X	0	.5
77	MP1C	Z	-165.041	.5
78	MP1C	Mx	-.212	.5
79	MP1C	X	0	5
80	MP1C	Z	-165.041	5
81	MP1C	Mx	-.212	5
82	MP4C	X	0	.5
83	MP4C	Z	-165.041	.5
84	MP4C	Mx	-.212	.5
85	MP4C	X	0	5
86	MP4C	Z	-165.041	5
87	MP4C	Mx	-.212	5
88	MP1A	X	0	.5
89	MP1A	Z	-88.666	.5
90	MP1A	Mx	.03	.5
91	MP1A	X	0	5
92	MP1A	Z	-88.666	5
93	MP1A	Mx	.03	5
94	MP1B	X	0	.5
95	MP1B	Z	-124.403	.5
96	MP1B	Mx	.114	.5
97	MP1B	X	0	5
98	MP1B	Z	-124.403	5
99	MP1B	Mx	.114	5
100	MP4A	X	0	.5
101	MP4A	Z	-88.666	.5
102	MP4A	Mx	.03	.5
103	MP4A	X	0	5
104	MP4A	Z	-88.666	5
105	MP4A	Mx	.03	5
106	MP4B	X	0	.5
107	MP4B	Z	-124.403	.5
108	MP4B	Mx	.114	.5
109	MP4B	X	0	5
110	MP4B	Z	-124.403	5
111	MP4B	Mx	.114	5
112	MP2B	X	0	4
113	MP2B	Z	-35.144	4
114	MP2B	Mx	-.002	4
115	MP2B	X	0	4
116	MP2B	Z	-35.144	4
117	MP2B	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.905	.5
2	MP2A	Z	-43.137	.5
3	MP2A	Mx	-.02	.5
4	MP2A	X	24.905	5
5	MP2A	Z	-43.137	5
6	MP2A	Mx	-.02	5
7	MP2B	X	27.649	.5
8	MP2B	Z	-47.889	.5
9	MP2B	Mx	.05	.5
10	MP2B	X	27.649	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	-47.889	5
12	MP2B	Mx	.05	5
13	MP2C	X	30.392	.5
14	MP2C	Z	-52.641	.5
15	MP2C	Mx	-.03	.5
16	MP2C	X	30.392	5
17	MP2C	Z	-52.641	5
18	MP2C	Mx	-.03	5
19	MP2A	X	24.905	.5
20	MP2A	Z	-43.137	.5
21	MP2A	Mx	.038	.5
22	MP2A	X	24.905	5
23	MP2A	Z	-43.137	5
24	MP2A	Mx	.038	5
25	MP2B	X	27.649	.5
26	MP2B	Z	-47.889	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	27.649	5
29	MP2B	Z	-47.889	5
30	MP2B	Mx	.002	5
31	MP2C	X	30.392	.5
32	MP2C	Z	-52.641	.5
33	MP2C	Mx	-.049	.5
34	MP2C	X	30.392	5
35	MP2C	Z	-52.641	5
36	MP2C	Mx	-.049	5
37	MP3A	X	35.98	1.5
38	MP3A	Z	-62.319	1.5
39	MP3A	Mx	.012	1.5
40	MP3A	X	35.98	4
41	MP3A	Z	-62.319	4
42	MP3A	Mx	.012	4
43	MP3B	X	25.296	1.5
44	MP3B	Z	-43.815	1.5
45	MP3B	Mx	.024	1.5
46	MP3B	X	25.296	4
47	MP3B	Z	-43.815	4
48	MP3B	Mx	.024	4
49	MP3C	X	14.613	1.5
50	MP3C	Z	-25.31	1.5
51	MP3C	Mx	-.019	1.5
52	MP3C	X	14.613	4
53	MP3C	Z	-25.31	4
54	MP3C	Mx	-.019	4
55	OVP	X	76.716	1.5
56	OVP	Z	-132.875	1.5
57	OVP	Mx	.02	1.5
58	MP2A	X	29.105	2
59	MP2A	Z	-50.411	2
60	MP2A	Mx	.008	2
61	MP2B	X	20.624	2
62	MP2B	Z	-35.722	2
63	MP2B	Mx	-.02	2
64	MP2C	X	23.19	2
65	MP2C	Z	-40.166	2
66	MP2C	Mx	.019	2
67	MP1A	X	28.86	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP1A	Z	-49.987	2
69	MP1A	Mx	.007	2
70	MP1B	X	17.221	2
71	MP1B	Z	-29.827	2
72	MP1B	Mx	-.017	2
73	MP1C	X	20.742	2
74	MP1C	Z	-35.926	2
75	MP1C	Mx	.017	2
76	MP1C	X	69.258	.5
77	MP1C	Z	-119.958	.5
78	MP1C	Mx	-.147	.5
79	MP1C	X	69.258	5
80	MP1C	Z	-119.958	5
81	MP1C	Mx	-.147	5
82	MP4C	X	69.258	.5
83	MP4C	Z	-119.958	.5
84	MP4C	Mx	-.147	.5
85	MP4C	X	69.258	5
86	MP4C	Z	-119.958	5
87	MP4C	Mx	-.147	5
88	MP1A	X	44.333	.5
89	MP1A	Z	-76.787	.5
90	MP1A	Mx	-.03	.5
91	MP1A	X	44.333	5
92	MP1A	Z	-76.787	5
93	MP1A	Mx	-.03	5
94	MP1B	X	80.07	.5
95	MP1B	Z	-138.685	.5
96	MP1B	Mx	.2	.5
97	MP1B	X	80.07	5
98	MP1B	Z	-138.685	5
99	MP1B	Mx	.2	5
100	MP4A	X	44.333	.5
101	MP4A	Z	-76.787	.5
102	MP4A	Mx	-.03	.5
103	MP4A	X	44.333	5
104	MP4A	Z	-76.787	5
105	MP4A	Mx	-.03	5
106	MP4B	X	80.07	.5
107	MP4B	Z	-138.685	.5
108	MP4B	Mx	.2	.5
109	MP4B	X	80.07	5
110	MP4B	Z	-138.685	5
111	MP4B	Mx	.2	5
112	MP2B	X	12.011	4
113	MP2B	Z	-20.805	4
114	MP2B	Mx	-.004	4
115	MP2B	X	12.011	4
116	MP2B	Z	-20.805	4
117	MP2B	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	43.137	.5
2	MP2A	Z	-24.905	.5
3	MP2A	Mx	-.038	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	X	43.137	5
5	MP2A	Z	-24.905	5
6	MP2A	Mx	-.038	5
7	MP2B	X	52.641	.5
8	MP2B	Z	-30.392	.5
9	MP2B	Mx	.049	.5
10	MP2B	X	52.641	5
11	MP2B	Z	-30.392	5
12	MP2B	Mx	.049	5
13	MP2C	X	47.889	.5
14	MP2C	Z	-27.649	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	47.889	5
17	MP2C	Z	-27.649	5
18	MP2C	Mx	-.002	5
19	MP2A	X	43.137	.5
20	MP2A	Z	-24.905	.5
21	MP2A	Mx	.02	.5
22	MP2A	X	43.137	5
23	MP2A	Z	-24.905	5
24	MP2A	Mx	.02	5
25	MP2B	X	52.641	.5
26	MP2B	Z	-30.392	.5
27	MP2B	Mx	.03	.5
28	MP2B	X	52.641	5
29	MP2B	Z	-30.392	5
30	MP2B	Mx	.03	5
31	MP2C	X	47.889	.5
32	MP2C	Z	-27.649	.5
33	MP2C	Mx	-.05	.5
34	MP2C	X	47.889	5
35	MP2C	Z	-27.649	5
36	MP2C	Mx	-.05	5
37	MP3A	X	62.319	1.5
38	MP3A	Z	-35.98	1.5
39	MP3A	Mx	-.012	1.5
40	MP3A	X	62.319	4
41	MP3A	Z	-35.98	4
42	MP3A	Mx	-.012	4
43	MP3B	X	25.31	1.5
44	MP3B	Z	-14.613	1.5
45	MP3B	Mx	.019	1.5
46	MP3B	X	25.31	4
47	MP3B	Z	-14.613	4
48	MP3B	Mx	.019	4
49	MP3C	X	43.815	1.5
50	MP3C	Z	-25.296	1.5
51	MP3C	Mx	-.024	1.5
52	MP3C	X	43.815	4
53	MP3C	Z	-25.296	4
54	MP3C	Mx	-.024	4
55	OVP	X	119.015	1.5
56	OVP	Z	-68.713	1.5
57	OVP	Mx	.049	1.5
58	MP2A	X	43.067	2
59	MP2A	Z	-24.864	2
60	MP2A	Mx	.018	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	35.722	2
62	MP2B	Z	-20.624	2
63	MP2B	Mx	-.02	2
64	MP2C	X	48.518	2
65	MP2C	Z	-28.012	2
66	MP2C	Mx	.012	2
67	MP1A	X	39.907	2
68	MP1A	Z	-23.04	2
69	MP1A	Mx	.016	2
70	MP1B	X	29.827	2
71	MP1B	Z	-17.221	2
72	MP1B	Mx	-.017	2
73	MP1C	X	47.389	2
74	MP1C	Z	-27.36	2
75	MP1C	Mx	.012	2
76	MP1C	X	84.765	.5
77	MP1C	Z	-48.939	.5
78	MP1C	Mx	-.053	.5
79	MP1C	X	84.765	5
80	MP1C	Z	-48.939	5
81	MP1C	Mx	-.053	5
82	MP4C	X	84.765	.5
83	MP4C	Z	-48.939	.5
84	MP4C	Mx	-.053	.5
85	MP4C	X	84.765	5
86	MP4C	Z	-48.939	5
87	MP4C	Mx	-.053	5
88	MP1A	X	107.736	.5
89	MP1A	Z	-62.201	.5
90	MP1A	Mx	-.114	.5
91	MP1A	X	107.736	5
92	MP1A	Z	-62.201	5
93	MP1A	Mx	-.114	5
94	MP1B	X	138.685	.5
95	MP1B	Z	-80.07	.5
96	MP1B	Mx	.2	.5
97	MP1B	X	138.685	5
98	MP1B	Z	-80.07	5
99	MP1B	Mx	.2	5
100	MP4A	X	107.736	.5
101	MP4A	Z	-62.201	.5
102	MP4A	Mx	-.114	.5
103	MP4A	X	107.736	5
104	MP4A	Z	-62.201	5
105	MP4A	Mx	-.114	5
106	MP4B	X	138.685	.5
107	MP4B	Z	-80.07	.5
108	MP4B	Mx	.2	.5
109	MP4B	X	138.685	5
110	MP4B	Z	-80.07	5
111	MP4B	Mx	.2	5
112	MP2B	X	11.173	4
113	MP2B	Z	-6.451	4
114	MP2B	Mx	-.003	4
115	MP2B	X	11.173	4
116	MP2B	Z	-6.451	4
117	MP2B	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	55.297	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.05	.5
4	MP2A	X	55.297	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.05	5
7	MP2B	X	60.784	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.03	.5
10	MP2B	X	60.784	5
11	MP2B	Z	0	5
12	MP2B	Mx	.03	5
13	MP2C	X	49.81	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.02	.5
16	MP2C	X	49.81	5
17	MP2C	Z	0	5
18	MP2C	Mx	.02	5
19	MP2A	X	55.297	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	55.297	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.002	5
25	MP2B	X	60.784	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.049	.5
28	MP2B	X	60.784	5
29	MP2B	Z	0	5
30	MP2B	Mx	.049	5
31	MP2C	X	49.81	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.038	.5
34	MP2C	X	49.81	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.038	5
37	MP3A	X	50.593	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	-.024	1.5
40	MP3A	X	50.593	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.024	4
43	MP3B	X	29.226	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	.019	1.5
46	MP3B	X	29.226	4
47	MP3B	Z	0	4
48	MP3B	Mx	.019	4
49	MP3C	X	71.96	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	-.012	1.5
52	MP3C	X	71.96	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.012	4
55	OVP	X	121.422	1.5
56	OVP	Z	0	1.5
57	OVP	Mx	.059	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	41.249	2
59	MP2A	Z	0	2
60	MP2A	Mx	.02	2
61	MP2B	X	49.729	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.018	2
64	MP2C	X	59.372	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.003	2
67	MP1A	X	34.441	2
68	MP1A	Z	0	2
69	MP1A	Mx	.017	2
70	MP1B	X	46.081	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.016	2
73	MP1C	X	59.317	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.003	2
76	MP1C	X	83.765	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	.009	.5
79	MP1C	X	83.765	5
80	MP1C	Z	0	5
81	MP1C	Mx	.009	5
82	MP4C	X	83.765	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	.009	.5
85	MP4C	X	83.765	5
86	MP4C	Z	0	5
87	MP4C	Mx	.009	5
88	MP1A	X	160.139	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	-.2	.5
91	MP1A	X	160.139	5
92	MP1A	Z	0	5
93	MP1A	Mx	-.2	5
94	MP1B	X	124.403	.5
95	MP1B	Z	0	.5
96	MP1B	Mx	.114	.5
97	MP1B	X	124.403	5
98	MP1B	Z	0	5
99	MP1B	Mx	.114	5
100	MP4A	X	160.139	.5
101	MP4A	Z	0	.5
102	MP4A	Mx	-.2	.5
103	MP4A	X	160.139	5
104	MP4A	Z	0	5
105	MP4A	Mx	-.2	5
106	MP4B	X	124.403	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	.114	.5
109	MP4B	X	124.403	5
110	MP4B	Z	0	5
111	MP4B	Mx	.114	5
112	MP2B	X	12.902	4
113	MP2B	Z	0	4
114	MP2B	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2B	X	12.902	4
116	MP2B	Z	0	4
117	MP2B	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	52.641	.5
2	MP2A	Z	30.392	.5
3	MP2A	Mx	-.049	.5
4	MP2A	X	52.641	5
5	MP2A	Z	30.392	5
6	MP2A	Mx	-.049	5
7	MP2B	X	47.889	.5
8	MP2B	Z	27.649	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	47.889	5
11	MP2B	Z	27.649	5
12	MP2B	Mx	.002	5
13	MP2C	X	43.137	.5
14	MP2C	Z	24.905	.5
15	MP2C	Mx	.038	.5
16	MP2C	X	43.137	5
17	MP2C	Z	24.905	5
18	MP2C	Mx	.038	5
19	MP2A	X	52.641	.5
20	MP2A	Z	30.392	.5
21	MP2A	Mx	-.03	.5
22	MP2A	X	52.641	5
23	MP2A	Z	30.392	5
24	MP2A	Mx	-.03	5
25	MP2B	X	47.889	.5
26	MP2B	Z	27.649	.5
27	MP2B	Mx	.05	.5
28	MP2B	X	47.889	5
29	MP2B	Z	27.649	5
30	MP2B	Mx	.05	5
31	MP2C	X	43.137	.5
32	MP2C	Z	24.905	.5
33	MP2C	Mx	-.02	.5
34	MP2C	X	43.137	5
35	MP2C	Z	24.905	5
36	MP2C	Mx	-.02	5
37	MP3A	X	25.31	1.5
38	MP3A	Z	14.613	1.5
39	MP3A	Mx	-.019	1.5
40	MP3A	X	25.31	4
41	MP3A	Z	14.613	4
42	MP3A	Mx	-.019	4
43	MP3B	X	43.815	1.5
44	MP3B	Z	25.296	1.5
45	MP3B	Mx	.024	1.5
46	MP3B	X	43.815	4
47	MP3B	Z	25.296	4
48	MP3B	Mx	.024	4
49	MP3C	X	62.319	1.5
50	MP3C	Z	35.98	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.012	1.5
52	MP3C	X	62.319	4
53	MP3C	Z	35.98	4
54	MP3C	Mx	.012	4
55	OVP	X	105.155	1.5
56	OVP	Z	60.711	1.5
57	OVP	Mx	.059	1.5
58	MP2A	X	35.722	2
59	MP2A	Z	20.624	2
60	MP2A	Mx	.02	2
61	MP2B	X	50.411	2
62	MP2B	Z	29.105	2
63	MP2B	Mx	-.008	2
64	MP2C	X	45.967	2
65	MP2C	Z	26.539	2
66	MP2C	Mx	-.015	2
67	MP1A	X	29.827	2
68	MP1A	Z	17.221	2
69	MP1A	Mx	.017	2
70	MP1B	X	49.987	2
71	MP1B	Z	28.86	2
72	MP1B	Mx	-.007	2
73	MP1C	X	43.888	2
74	MP1C	Z	25.339	2
75	MP1C	Mx	-.015	2
76	MP1C	X	95.513	.5
77	MP1C	Z	55.145	.5
78	MP1C	Mx	.082	.5
79	MP1C	X	95.513	5
80	MP1C	Z	55.145	5
81	MP1C	Mx	.082	5
82	MP4C	X	95.513	.5
83	MP4C	Z	55.145	.5
84	MP4C	Mx	.082	.5
85	MP4C	X	95.513	5
86	MP4C	Z	55.145	5
87	MP4C	Mx	.082	5
88	MP1A	X	138.685	.5
89	MP1A	Z	80.07	.5
90	MP1A	Mx	-.2	.5
91	MP1A	X	138.685	5
92	MP1A	Z	80.07	5
93	MP1A	Mx	-.2	5
94	MP1B	X	76.787	.5
95	MP1B	Z	44.333	.5
96	MP1B	Mx	.03	.5
97	MP1B	X	76.787	5
98	MP1B	Z	44.333	5
99	MP1B	Mx	.03	5
100	MP4A	X	138.685	.5
101	MP4A	Z	80.07	.5
102	MP4A	Mx	-.2	.5
103	MP4A	X	138.685	5
104	MP4A	Z	80.07	5
105	MP4A	Mx	-.2	5
106	MP4B	X	76.787	.5
107	MP4B	Z	44.333	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP4B	Mx	.03	.5
109	MP4B	X	76.787	5
110	MP4B	Z	44.333	5
111	MP4B	Mx	.03	5
112	MP2B	X	20.805	4
113	MP2B	Z	12.011	4
114	MP2B	Mx	-.004	4
115	MP2B	X	20.805	4
116	MP2B	Z	12.011	4
117	MP2B	Mx	-.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	30.392	.5
2	MP2A	Z	52.641	.5
3	MP2A	Mx	-.03	.5
4	MP2A	X	30.392	5
5	MP2A	Z	52.641	5
6	MP2A	Mx	-.03	5
7	MP2B	X	24.905	.5
8	MP2B	Z	43.137	.5
9	MP2B	Mx	-.02	.5
10	MP2B	X	24.905	5
11	MP2B	Z	43.137	5
12	MP2B	Mx	-.02	5
13	MP2C	X	27.649	.5
14	MP2C	Z	47.889	.5
15	MP2C	Mx	.05	.5
16	MP2C	X	27.649	5
17	MP2C	Z	47.889	5
18	MP2C	Mx	.05	5
19	MP2A	X	30.392	.5
20	MP2A	Z	52.641	.5
21	MP2A	Mx	-.049	.5
22	MP2A	X	30.392	5
23	MP2A	Z	52.641	5
24	MP2A	Mx	-.049	5
25	MP2B	X	24.905	.5
26	MP2B	Z	43.137	.5
27	MP2B	Mx	.038	.5
28	MP2B	X	24.905	5
29	MP2B	Z	43.137	5
30	MP2B	Mx	.038	5
31	MP2C	X	27.649	.5
32	MP2C	Z	47.889	.5
33	MP2C	Mx	.002	.5
34	MP2C	X	27.649	5
35	MP2C	Z	47.889	5
36	MP2C	Mx	.002	5
37	MP3A	X	14.613	1.5
38	MP3A	Z	25.31	1.5
39	MP3A	Mx	-.019	1.5
40	MP3A	X	14.613	4
41	MP3A	Z	25.31	4
42	MP3A	Mx	-.019	4
43	MP3B	X	35.98	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	62.319	1.5
45	MP3B	Mx	.012	1.5
46	MP3B	X	35.98	4
47	MP3B	Z	62.319	4
48	MP3B	Mx	.012	4
49	MP3C	X	25.296	1.5
50	MP3C	Z	43.815	1.5
51	MP3C	Mx	.024	1.5
52	MP3C	X	25.296	4
53	MP3C	Z	43.815	4
54	MP3C	Mx	.024	4
55	OVP	X	68.713	1.5
56	OVP	Z	119.015	1.5
57	OVP	Mx	.049	1.5
58	MP2A	X	24.864	2
59	MP2A	Z	43.067	2
60	MP2A	Mx	.018	2
61	MP2B	X	29.105	2
62	MP2B	Z	50.411	2
63	MP2B	Mx	.008	2
64	MP2C	X	21.717	2
65	MP2C	Z	37.616	2
66	MP2C	Mx	-.02	2
67	MP1A	X	23.04	2
68	MP1A	Z	39.907	2
69	MP1A	Mx	.016	2
70	MP1B	X	28.86	2
71	MP1B	Z	49.987	2
72	MP1B	Mx	.007	2
73	MP1C	X	18.721	2
74	MP1C	Z	32.425	2
75	MP1C	Mx	-.017	2
76	MP1C	X	75.464	.5
77	MP1C	Z	130.707	.5
78	MP1C	Mx	.177	.5
79	MP1C	X	75.464	5
80	MP1C	Z	130.707	5
81	MP1C	Mx	.177	5
82	MP4C	X	75.464	.5
83	MP4C	Z	130.707	.5
84	MP4C	Mx	.177	.5
85	MP4C	X	75.464	5
86	MP4C	Z	130.707	5
87	MP4C	Mx	.177	5
88	MP1A	X	62.201	.5
89	MP1A	Z	107.736	.5
90	MP1A	Mx	-.114	.5
91	MP1A	X	62.201	5
92	MP1A	Z	107.736	5
93	MP1A	Mx	-.114	5
94	MP1B	X	44.333	.5
95	MP1B	Z	76.787	.5
96	MP1B	Mx	-.03	.5
97	MP1B	X	44.333	5
98	MP1B	Z	76.787	5
99	MP1B	Mx	-.03	5
100	MP4A	X	62.201	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4A	Z	107.736	.5
102	MP4A	Mx	-.114	.5
103	MP4A	X	62.201	5
104	MP4A	Z	107.736	5
105	MP4A	Mx	-.114	5
106	MP4B	X	44.333	.5
107	MP4B	Z	76.787	.5
108	MP4B	Mx	-.03	.5
109	MP4B	X	44.333	5
110	MP4B	Z	76.787	5
111	MP4B	Mx	-.03	5
112	MP2B	X	17.572	4
113	MP2B	Z	30.436	4
114	MP2B	Mx	-.002	4
115	MP2B	X	17.572	4
116	MP2B	Z	30.436	4
117	MP2B	Mx	-.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	55.297	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	0	5
5	MP2A	Z	55.297	5
6	MP2A	Mx	-.002	5
7	MP2B	X	0	.5
8	MP2B	Z	49.81	.5
9	MP2B	Mx	-.038	.5
10	MP2B	X	0	5
11	MP2B	Z	49.81	5
12	MP2B	Mx	-.038	5
13	MP2C	X	0	.5
14	MP2C	Z	60.784	.5
15	MP2C	Mx	.049	.5
16	MP2C	X	0	5
17	MP2C	Z	60.784	5
18	MP2C	Mx	.049	5
19	MP2A	X	0	.5
20	MP2A	Z	55.297	.5
21	MP2A	Mx	-.05	.5
22	MP2A	X	0	5
23	MP2A	Z	55.297	5
24	MP2A	Mx	-.05	5
25	MP2B	X	0	.5
26	MP2B	Z	49.81	.5
27	MP2B	Mx	.02	.5
28	MP2B	X	0	5
29	MP2B	Z	49.81	5
30	MP2B	Mx	.02	5
31	MP2C	X	0	.5
32	MP2C	Z	60.784	.5
33	MP2C	Mx	.03	.5
34	MP2C	X	0	5
35	MP2C	Z	60.784	5
36	MP2C	Mx	.03	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	0	1.5
38	MP3A	Z	50.593	1.5
39	MP3A	Mx	-.024	1.5
40	MP3A	X	0	4
41	MP3A	Z	50.593	4
42	MP3A	Mx	-.024	4
43	MP3B	X	0	1.5
44	MP3B	Z	71.96	1.5
45	MP3B	Mx	-.012	1.5
46	MP3B	X	0	4
47	MP3B	Z	71.96	4
48	MP3B	Mx	-.012	4
49	MP3C	X	0	1.5
50	MP3C	Z	29.226	1.5
51	MP3C	Mx	.019	1.5
52	MP3C	X	0	4
53	MP3C	Z	29.226	4
54	MP3C	Mx	.019	4
55	OVP	X	0	1.5
56	OVP	Z	153.431	1.5
57	OVP	Mx	.02	1.5
58	MP2A	X	0	2
59	MP2A	Z	58.209	2
60	MP2A	Mx	.008	2
61	MP2B	X	0	2
62	MP2B	Z	49.729	2
63	MP2B	Mx	.018	2
64	MP2C	X	0	2
65	MP2C	Z	40.086	2
66	MP2C	Mx	-.02	2
67	MP1A	X	0	2
68	MP1A	Z	57.721	2
69	MP1A	Mx	.007	2
70	MP1B	X	0	2
71	MP1B	Z	46.081	2
72	MP1B	Mx	.016	2
73	MP1C	X	0	2
74	MP1C	Z	32.845	2
75	MP1C	Mx	-.016	2
76	MP1C	X	0	.5
77	MP1C	Z	165.041	.5
78	MP1C	Mx	.212	.5
79	MP1C	X	0	5
80	MP1C	Z	165.041	5
81	MP1C	Mx	.212	5
82	MP4C	X	0	.5
83	MP4C	Z	165.041	.5
84	MP4C	Mx	.212	.5
85	MP4C	X	0	5
86	MP4C	Z	165.041	5
87	MP4C	Mx	.212	5
88	MP1A	X	0	.5
89	MP1A	Z	88.666	.5
90	MP1A	Mx	-.03	.5
91	MP1A	X	0	5
92	MP1A	Z	88.666	5
93	MP1A	Mx	-.03	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1B	X	0	.5
95	MP1B	Z	124.403	.5
96	MP1B	Mx	-.114	.5
97	MP1B	X	0	5
98	MP1B	Z	124.403	5
99	MP1B	Mx	-.114	5
100	MP4A	X	0	.5
101	MP4A	Z	88.666	.5
102	MP4A	Mx	-.03	.5
103	MP4A	X	0	5
104	MP4A	Z	88.666	5
105	MP4A	Mx	-.03	5
106	MP4B	X	0	.5
107	MP4B	Z	124.403	.5
108	MP4B	Mx	-.114	.5
109	MP4B	X	0	5
110	MP4B	Z	124.403	5
111	MP4B	Mx	-.114	5
112	MP2B	X	0	4
113	MP2B	Z	35.144	4
114	MP2B	Mx	.002	4
115	MP2B	X	0	4
116	MP2B	Z	35.144	4
117	MP2B	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.905	.5
2	MP2A	Z	43.137	.5
3	MP2A	Mx	.02	.5
4	MP2A	X	-24.905	5
5	MP2A	Z	43.137	5
6	MP2A	Mx	.02	5
7	MP2B	X	-27.649	.5
8	MP2B	Z	47.889	.5
9	MP2B	Mx	-.05	.5
10	MP2B	X	-27.649	5
11	MP2B	Z	47.889	5
12	MP2B	Mx	-.05	5
13	MP2C	X	-30.392	.5
14	MP2C	Z	52.641	.5
15	MP2C	Mx	.03	.5
16	MP2C	X	-30.392	5
17	MP2C	Z	52.641	5
18	MP2C	Mx	.03	5
19	MP2A	X	-24.905	.5
20	MP2A	Z	43.137	.5
21	MP2A	Mx	-.038	.5
22	MP2A	X	-24.905	5
23	MP2A	Z	43.137	5
24	MP2A	Mx	-.038	5
25	MP2B	X	-27.649	.5
26	MP2B	Z	47.889	.5
27	MP2B	Mx	-.002	.5
28	MP2B	X	-27.649	5
29	MP2B	Z	47.889	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2B	Mx	-.002	5
31	MP2C	X	-30.392	.5
32	MP2C	Z	52.641	.5
33	MP2C	Mx	.049	.5
34	MP2C	X	-30.392	5
35	MP2C	Z	52.641	5
36	MP2C	Mx	.049	5
37	MP3A	X	-35.98	1.5
38	MP3A	Z	62.319	1.5
39	MP3A	Mx	-.012	1.5
40	MP3A	X	-35.98	4
41	MP3A	Z	62.319	4
42	MP3A	Mx	-.012	4
43	MP3B	X	-25.296	1.5
44	MP3B	Z	43.815	1.5
45	MP3B	Mx	-.024	1.5
46	MP3B	X	-25.296	4
47	MP3B	Z	43.815	4
48	MP3B	Mx	-.024	4
49	MP3C	X	-14.613	1.5
50	MP3C	Z	25.31	1.5
51	MP3C	Mx	.019	1.5
52	MP3C	X	-14.613	4
53	MP3C	Z	25.31	4
54	MP3C	Mx	.019	4
55	OVP	X	-76.716	1.5
56	OVP	Z	132.875	1.5
57	OVP	Mx	-.02	1.5
58	MP2A	X	-29.105	2
59	MP2A	Z	50.411	2
60	MP2A	Mx	-.008	2
61	MP2B	X	-20.624	2
62	MP2B	Z	35.722	2
63	MP2B	Mx	.02	2
64	MP2C	X	-23.19	2
65	MP2C	Z	40.166	2
66	MP2C	Mx	-.019	2
67	MP1A	X	-28.86	2
68	MP1A	Z	49.987	2
69	MP1A	Mx	-.007	2
70	MP1B	X	-17.221	2
71	MP1B	Z	29.827	2
72	MP1B	Mx	.017	2
73	MP1C	X	-20.742	2
74	MP1C	Z	35.926	2
75	MP1C	Mx	-.017	2
76	MP1C	X	-69.258	.5
77	MP1C	Z	119.958	.5
78	MP1C	Mx	.147	.5
79	MP1C	X	-69.258	5
80	MP1C	Z	119.958	5
81	MP1C	Mx	.147	5
82	MP4C	X	-69.258	.5
83	MP4C	Z	119.958	.5
84	MP4C	Mx	.147	.5
85	MP4C	X	-69.258	5
86	MP4C	Z	119.958	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP4C	Mx	.147	5
88	MP1A	X	-44.333	.5
89	MP1A	Z	76.787	.5
90	MP1A	Mx	.03	.5
91	MP1A	X	-44.333	5
92	MP1A	Z	76.787	5
93	MP1A	Mx	.03	5
94	MP1B	X	-80.07	.5
95	MP1B	Z	138.685	.5
96	MP1B	Mx	-.2	.5
97	MP1B	X	-80.07	5
98	MP1B	Z	138.685	5
99	MP1B	Mx	-.2	5
100	MP4A	X	-44.333	.5
101	MP4A	Z	76.787	.5
102	MP4A	Mx	.03	.5
103	MP4A	X	-44.333	5
104	MP4A	Z	76.787	5
105	MP4A	Mx	.03	5
106	MP4B	X	-80.07	.5
107	MP4B	Z	138.685	.5
108	MP4B	Mx	-.2	.5
109	MP4B	X	-80.07	5
110	MP4B	Z	138.685	5
111	MP4B	Mx	-.2	5
112	MP2B	X	-12.011	4
113	MP2B	Z	20.805	4
114	MP2B	Mx	.004	4
115	MP2B	X	-12.011	4
116	MP2B	Z	20.805	4
117	MP2B	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-43.137	.5
2	MP2A	Z	24.905	.5
3	MP2A	Mx	.038	.5
4	MP2A	X	-43.137	5
5	MP2A	Z	24.905	5
6	MP2A	Mx	.038	5
7	MP2B	X	-52.641	.5
8	MP2B	Z	30.392	.5
9	MP2B	Mx	-.049	.5
10	MP2B	X	-52.641	5
11	MP2B	Z	30.392	5
12	MP2B	Mx	-.049	5
13	MP2C	X	-47.889	.5
14	MP2C	Z	27.649	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	-47.889	5
17	MP2C	Z	27.649	5
18	MP2C	Mx	.002	5
19	MP2A	X	-43.137	.5
20	MP2A	Z	24.905	.5
21	MP2A	Mx	-.02	.5
22	MP2A	X	-43.137	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	24.905	5
24	MP2A	Mx	-.02	5
25	MP2B	X	-52.641	.5
26	MP2B	Z	30.392	.5
27	MP2B	Mx	-.03	.5
28	MP2B	X	-52.641	5
29	MP2B	Z	30.392	5
30	MP2B	Mx	-.03	5
31	MP2C	X	-47.889	.5
32	MP2C	Z	27.649	.5
33	MP2C	Mx	.05	.5
34	MP2C	X	-47.889	5
35	MP2C	Z	27.649	5
36	MP2C	Mx	.05	5
37	MP3A	X	-62.319	1.5
38	MP3A	Z	35.98	1.5
39	MP3A	Mx	.012	1.5
40	MP3A	X	-62.319	4
41	MP3A	Z	35.98	4
42	MP3A	Mx	.012	4
43	MP3B	X	-25.31	1.5
44	MP3B	Z	14.613	1.5
45	MP3B	Mx	-.019	1.5
46	MP3B	X	-25.31	4
47	MP3B	Z	14.613	4
48	MP3B	Mx	-.019	4
49	MP3C	X	-43.815	1.5
50	MP3C	Z	25.296	1.5
51	MP3C	Mx	.024	1.5
52	MP3C	X	-43.815	4
53	MP3C	Z	25.296	4
54	MP3C	Mx	.024	4
55	OVP	X	-119.015	1.5
56	OVP	Z	68.713	1.5
57	OVP	Mx	-.049	1.5
58	MP2A	X	-43.067	2
59	MP2A	Z	24.864	2
60	MP2A	Mx	-.018	2
61	MP2B	X	-35.722	2
62	MP2B	Z	20.624	2
63	MP2B	Mx	.02	2
64	MP2C	X	-48.518	2
65	MP2C	Z	28.012	2
66	MP2C	Mx	-.012	2
67	MP1A	X	-39.907	2
68	MP1A	Z	23.04	2
69	MP1A	Mx	-.016	2
70	MP1B	X	-29.827	2
71	MP1B	Z	17.221	2
72	MP1B	Mx	.017	2
73	MP1C	X	-47.389	2
74	MP1C	Z	27.36	2
75	MP1C	Mx	-.012	2
76	MP1C	X	-84.765	.5
77	MP1C	Z	48.939	.5
78	MP1C	Mx	.053	.5
79	MP1C	X	-84.765	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1C	Z	48.939	5
81	MP1C	Mx	.053	5
82	MP4C	X	-84.765	.5
83	MP4C	Z	48.939	.5
84	MP4C	Mx	.053	.5
85	MP4C	X	-84.765	5
86	MP4C	Z	48.939	5
87	MP4C	Mx	.053	5
88	MP1A	X	-107.736	.5
89	MP1A	Z	62.201	.5
90	MP1A	Mx	.114	.5
91	MP1A	X	-107.736	5
92	MP1A	Z	62.201	5
93	MP1A	Mx	.114	5
94	MP1B	X	-138.685	.5
95	MP1B	Z	80.07	.5
96	MP1B	Mx	-.2	.5
97	MP1B	X	-138.685	5
98	MP1B	Z	80.07	5
99	MP1B	Mx	-.2	5
100	MP4A	X	-107.736	.5
101	MP4A	Z	62.201	.5
102	MP4A	Mx	.114	.5
103	MP4A	X	-107.736	5
104	MP4A	Z	62.201	5
105	MP4A	Mx	.114	5
106	MP4B	X	-138.685	.5
107	MP4B	Z	80.07	.5
108	MP4B	Mx	-.2	.5
109	MP4B	X	-138.685	5
110	MP4B	Z	80.07	5
111	MP4B	Mx	-.2	5
112	MP2B	X	-11.173	4
113	MP2B	Z	6.451	4
114	MP2B	Mx	.003	4
115	MP2B	X	-11.173	4
116	MP2B	Z	6.451	4
117	MP2B	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-55.297	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.05	.5
4	MP2A	X	-55.297	5
5	MP2A	Z	0	5
6	MP2A	Mx	.05	5
7	MP2B	X	-60.784	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.03	.5
10	MP2B	X	-60.784	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.03	5
13	MP2C	X	-49.81	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.02	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2C	X	-49.81	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.02	5
19	MP2A	X	-55.297	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.002	.5
22	MP2A	X	-55.297	5
23	MP2A	Z	0	5
24	MP2A	Mx	.002	5
25	MP2B	X	-60.784	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.049	.5
28	MP2B	X	-60.784	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.049	5
31	MP2C	X	-49.81	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.038	.5
34	MP2C	X	-49.81	5
35	MP2C	Z	0	5
36	MP2C	Mx	.038	5
37	MP3A	X	-50.593	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	.024	1.5
40	MP3A	X	-50.593	4
41	MP3A	Z	0	4
42	MP3A	Mx	.024	4
43	MP3B	X	-29.226	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	-.019	1.5
46	MP3B	X	-29.226	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.019	4
49	MP3C	X	-71.96	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	.012	1.5
52	MP3C	X	-71.96	4
53	MP3C	Z	0	4
54	MP3C	Mx	.012	4
55	OVP	X	-121.422	1.5
56	OVP	Z	0	1.5
57	OVP	Mx	-.059	1.5
58	MP2A	X	-41.249	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.02	2
61	MP2B	X	-49.729	2
62	MP2B	Z	0	2
63	MP2B	Mx	.018	2
64	MP2C	X	-59.372	2
65	MP2C	Z	0	2
66	MP2C	Mx	.003	2
67	MP1A	X	-34.441	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.017	2
70	MP1B	X	-46.081	2
71	MP1B	Z	0	2
72	MP1B	Mx	.016	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP1C	X	-59.317	2
74	MP1C	Z	0	2
75	MP1C	Mx	.003	2
76	MP1C	X	-83.765	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	-.009	.5
79	MP1C	X	-83.765	5
80	MP1C	Z	0	5
81	MP1C	Mx	-.009	5
82	MP4C	X	-83.765	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	-.009	.5
85	MP4C	X	-83.765	5
86	MP4C	Z	0	5
87	MP4C	Mx	-.009	5
88	MP1A	X	-160.139	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	.2	.5
91	MP1A	X	-160.139	5
92	MP1A	Z	0	5
93	MP1A	Mx	.2	5
94	MP1B	X	-124.403	.5
95	MP1B	Z	0	.5
96	MP1B	Mx	-.114	.5
97	MP1B	X	-124.403	5
98	MP1B	Z	0	5
99	MP1B	Mx	-.114	5
100	MP4A	X	-160.139	.5
101	MP4A	Z	0	.5
102	MP4A	Mx	.2	.5
103	MP4A	X	-160.139	5
104	MP4A	Z	0	5
105	MP4A	Mx	.2	5
106	MP4B	X	-124.403	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	-.114	.5
109	MP4B	X	-124.403	5
110	MP4B	Z	0	5
111	MP4B	Mx	-.114	5
112	MP2B	X	-12.902	4
113	MP2B	Z	0	4
114	MP2B	Mx	.003	4
115	MP2B	X	-12.902	4
116	MP2B	Z	0	4
117	MP2B	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-52.641	.5
2	MP2A	Z	-30.392	.5
3	MP2A	Mx	.049	.5
4	MP2A	X	-52.641	5
5	MP2A	Z	-30.392	5
6	MP2A	Mx	.049	5
7	MP2B	X	-47.889	.5
8	MP2B	Z	-27.649	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	-.002	.5
10	MP2B	X	-47.889	5
11	MP2B	Z	-27.649	5
12	MP2B	Mx	-.002	5
13	MP2C	X	-43.137	.5
14	MP2C	Z	-24.905	.5
15	MP2C	Mx	-.038	.5
16	MP2C	X	-43.137	5
17	MP2C	Z	-24.905	5
18	MP2C	Mx	-.038	5
19	MP2A	X	-52.641	.5
20	MP2A	Z	-30.392	.5
21	MP2A	Mx	.03	.5
22	MP2A	X	-52.641	5
23	MP2A	Z	-30.392	5
24	MP2A	Mx	.03	5
25	MP2B	X	-47.889	.5
26	MP2B	Z	-27.649	.5
27	MP2B	Mx	-.05	.5
28	MP2B	X	-47.889	5
29	MP2B	Z	-27.649	5
30	MP2B	Mx	-.05	5
31	MP2C	X	-43.137	.5
32	MP2C	Z	-24.905	.5
33	MP2C	Mx	.02	.5
34	MP2C	X	-43.137	5
35	MP2C	Z	-24.905	5
36	MP2C	Mx	.02	5
37	MP3A	X	-25.31	1.5
38	MP3A	Z	-14.613	1.5
39	MP3A	Mx	.019	1.5
40	MP3A	X	-25.31	4
41	MP3A	Z	-14.613	4
42	MP3A	Mx	.019	4
43	MP3B	X	-43.815	1.5
44	MP3B	Z	-25.296	1.5
45	MP3B	Mx	-.024	1.5
46	MP3B	X	-43.815	4
47	MP3B	Z	-25.296	4
48	MP3B	Mx	-.024	4
49	MP3C	X	-62.319	1.5
50	MP3C	Z	-35.98	1.5
51	MP3C	Mx	-.012	1.5
52	MP3C	X	-62.319	4
53	MP3C	Z	-35.98	4
54	MP3C	Mx	-.012	4
55	OVP	X	-105.155	1.5
56	OVP	Z	-60.711	1.5
57	OVP	Mx	-.059	1.5
58	MP2A	X	-35.722	2
59	MP2A	Z	-20.624	2
60	MP2A	Mx	-.02	2
61	MP2B	X	-50.411	2
62	MP2B	Z	-29.105	2
63	MP2B	Mx	.008	2
64	MP2C	X	-45.967	2
65	MP2C	Z	-26.539	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2C	Mx	.015	2
67	MP1A	X	-29.827	2
68	MP1A	Z	-17.221	2
69	MP1A	Mx	-.017	2
70	MP1B	X	-49.987	2
71	MP1B	Z	-28.86	2
72	MP1B	Mx	.007	2
73	MP1C	X	-43.888	2
74	MP1C	Z	-25.339	2
75	MP1C	Mx	.015	2
76	MP1C	X	-95.513	.5
77	MP1C	Z	-55.145	.5
78	MP1C	Mx	-.082	.5
79	MP1C	X	-95.513	5
80	MP1C	Z	-55.145	5
81	MP1C	Mx	-.082	5
82	MP4C	X	-95.513	.5
83	MP4C	Z	-55.145	.5
84	MP4C	Mx	-.082	.5
85	MP4C	X	-95.513	5
86	MP4C	Z	-55.145	5
87	MP4C	Mx	-.082	5
88	MP1A	X	-138.685	.5
89	MP1A	Z	-80.07	.5
90	MP1A	Mx	.2	.5
91	MP1A	X	-138.685	5
92	MP1A	Z	-80.07	5
93	MP1A	Mx	.2	5
94	MP1B	X	-76.787	.5
95	MP1B	Z	-44.333	.5
96	MP1B	Mx	-.03	.5
97	MP1B	X	-76.787	5
98	MP1B	Z	-44.333	5
99	MP1B	Mx	-.03	5
100	MP4A	X	-138.685	.5
101	MP4A	Z	-80.07	.5
102	MP4A	Mx	.2	.5
103	MP4A	X	-138.685	5
104	MP4A	Z	-80.07	5
105	MP4A	Mx	.2	5
106	MP4B	X	-76.787	.5
107	MP4B	Z	-44.333	.5
108	MP4B	Mx	-.03	.5
109	MP4B	X	-76.787	5
110	MP4B	Z	-44.333	5
111	MP4B	Mx	-.03	5
112	MP2B	X	-20.805	4
113	MP2B	Z	-12.011	4
114	MP2B	Mx	.004	4
115	MP2B	X	-20.805	4
116	MP2B	Z	-12.011	4
117	MP2B	Mx	.004	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-30.392	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	Z	-52.641	.5
3	MP2A	Mx	.03	.5
4	MP2A	X	-30.392	5
5	MP2A	Z	-52.641	5
6	MP2A	Mx	.03	5
7	MP2B	X	-24.905	.5
8	MP2B	Z	-43.137	.5
9	MP2B	Mx	.02	.5
10	MP2B	X	-24.905	5
11	MP2B	Z	-43.137	5
12	MP2B	Mx	.02	5
13	MP2C	X	-27.649	.5
14	MP2C	Z	-47.889	.5
15	MP2C	Mx	-.05	.5
16	MP2C	X	-27.649	5
17	MP2C	Z	-47.889	5
18	MP2C	Mx	-.05	5
19	MP2A	X	-30.392	.5
20	MP2A	Z	-52.641	.5
21	MP2A	Mx	.049	.5
22	MP2A	X	-30.392	5
23	MP2A	Z	-52.641	5
24	MP2A	Mx	.049	5
25	MP2B	X	-24.905	.5
26	MP2B	Z	-43.137	.5
27	MP2B	Mx	-.038	.5
28	MP2B	X	-24.905	5
29	MP2B	Z	-43.137	5
30	MP2B	Mx	-.038	5
31	MP2C	X	-27.649	.5
32	MP2C	Z	-47.889	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	-27.649	5
35	MP2C	Z	-47.889	5
36	MP2C	Mx	-.002	5
37	MP3A	X	-14.613	1.5
38	MP3A	Z	-25.31	1.5
39	MP3A	Mx	.019	1.5
40	MP3A	X	-14.613	4
41	MP3A	Z	-25.31	4
42	MP3A	Mx	.019	4
43	MP3B	X	-35.98	1.5
44	MP3B	Z	-62.319	1.5
45	MP3B	Mx	-.012	1.5
46	MP3B	X	-35.98	4
47	MP3B	Z	-62.319	4
48	MP3B	Mx	-.012	4
49	MP3C	X	-25.296	1.5
50	MP3C	Z	-43.815	1.5
51	MP3C	Mx	-.024	1.5
52	MP3C	X	-25.296	4
53	MP3C	Z	-43.815	4
54	MP3C	Mx	-.024	4
55	OVP	X	-68.713	1.5
56	OVP	Z	-119.015	1.5
57	OVP	Mx	-.049	1.5
58	MP2A	X	-24.864	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2A	Z	-43.067	2
60	MP2A	Mx	-.018	2
61	MP2B	X	-29.105	2
62	MP2B	Z	-50.411	2
63	MP2B	Mx	-.008	2
64	MP2C	X	-21.717	2
65	MP2C	Z	-37.616	2
66	MP2C	Mx	.02	2
67	MP1A	X	-23.04	2
68	MP1A	Z	-39.907	2
69	MP1A	Mx	-.016	2
70	MP1B	X	-28.86	2
71	MP1B	Z	-49.987	2
72	MP1B	Mx	-.007	2
73	MP1C	X	-18.721	2
74	MP1C	Z	-32.425	2
75	MP1C	Mx	.017	2
76	MP1C	X	-75.464	.5
77	MP1C	Z	-130.707	.5
78	MP1C	Mx	-.177	.5
79	MP1C	X	-75.464	5
80	MP1C	Z	-130.707	5
81	MP1C	Mx	-.177	5
82	MP4C	X	-75.464	.5
83	MP4C	Z	-130.707	.5
84	MP4C	Mx	-.177	.5
85	MP4C	X	-75.464	5
86	MP4C	Z	-130.707	5
87	MP4C	Mx	-.177	5
88	MP1A	X	-62.201	.5
89	MP1A	Z	-107.736	.5
90	MP1A	Mx	.114	.5
91	MP1A	X	-62.201	5
92	MP1A	Z	-107.736	5
93	MP1A	Mx	.114	5
94	MP1B	X	-44.333	.5
95	MP1B	Z	-76.787	.5
96	MP1B	Mx	.03	.5
97	MP1B	X	-44.333	5
98	MP1B	Z	-76.787	5
99	MP1B	Mx	.03	5
100	MP4A	X	-62.201	.5
101	MP4A	Z	-107.736	.5
102	MP4A	Mx	.114	.5
103	MP4A	X	-62.201	5
104	MP4A	Z	-107.736	5
105	MP4A	Mx	.114	5
106	MP4B	X	-44.333	.5
107	MP4B	Z	-76.787	.5
108	MP4B	Mx	.03	.5
109	MP4B	X	-44.333	5
110	MP4B	Z	-76.787	5
111	MP4B	Mx	.03	5
112	MP2B	X	-17.572	4
113	MP2B	Z	-30.436	4
114	MP2B	Mx	.002	4
115	MP2B	X	-17.572	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP2B	Z	-30.436	4
117	MP2B	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-31.096	.5
3	MP2A	Mx	.001	.5
4	MP2A	X	0	5
5	MP2A	Z	-31.096	5
6	MP2A	Mx	.001	5
7	MP2B	X	0	.5
8	MP2B	Z	-32.415	.5
9	MP2B	Mx	.025	.5
10	MP2B	X	0	5
11	MP2B	Z	-32.415	5
12	MP2B	Mx	.025	5
13	MP2C	X	0	.5
14	MP2C	Z	-29.777	.5
15	MP2C	Mx	-.024	.5
16	MP2C	X	0	5
17	MP2C	Z	-29.777	5
18	MP2C	Mx	-.024	5
19	MP2A	X	0	.5
20	MP2A	Z	-31.096	.5
21	MP2A	Mx	.028	.5
22	MP2A	X	0	5
23	MP2A	Z	-31.096	5
24	MP2A	Mx	.028	5
25	MP2B	X	0	.5
26	MP2B	Z	-32.415	.5
27	MP2B	Mx	-.013	.5
28	MP2B	X	0	5
29	MP2B	Z	-32.415	5
30	MP2B	Mx	-.013	5
31	MP2C	X	0	.5
32	MP2C	Z	-29.777	.5
33	MP2C	Mx	-.015	.5
34	MP2C	X	0	5
35	MP2C	Z	-29.777	5
36	MP2C	Mx	-.015	5
37	MP3A	X	0	1.5
38	MP3A	Z	-13.754	1.5
39	MP3A	Mx	.006	1.5
40	MP3A	X	0	4
41	MP3A	Z	-13.754	4
42	MP3A	Mx	.006	4
43	MP3B	X	0	1.5
44	MP3B	Z	-18.546	1.5
45	MP3B	Mx	.003	1.5
46	MP3B	X	0	4
47	MP3B	Z	-18.546	4
48	MP3B	Mx	.003	4
49	MP3C	X	0	1.5
50	MP3C	Z	-8.962	1.5
51	MP3C	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	0	4
53	MP3C	Z	-8.962	4
54	MP3C	Mx	-.006	4
55	OVP	X	0	1.5
56	OVP	Z	-32.92	1.5
57	OVP	Mx	-.004	1.5
58	MP2A	X	0	2
59	MP2A	Z	-15.93	2
60	MP2A	Mx	-.002	2
61	MP2B	X	0	2
62	MP2B	Z	-13.788	2
63	MP2B	Mx	-.005	2
64	MP2C	X	0	2
65	MP2C	Z	-11.352	2
66	MP2C	Mx	.006	2
67	MP1A	X	0	2
68	MP1A	Z	-15.804	2
69	MP1A	Mx	-.002	2
70	MP1B	X	0	2
71	MP1B	Z	-12.848	2
72	MP1B	Mx	-.005	2
73	MP1C	X	0	2
74	MP1C	Z	-9.487	2
75	MP1C	Mx	.005	2
76	MP1C	X	0	.5
77	MP1C	Z	-34.303	.5
78	MP1C	Mx	-.044	.5
79	MP1C	X	0	5
80	MP1C	Z	-34.303	5
81	MP1C	Mx	-.044	5
82	MP4C	X	0	.5
83	MP4C	Z	-34.303	.5
84	MP4C	Mx	-.044	.5
85	MP4C	X	0	5
86	MP4C	Z	-34.303	5
87	MP4C	Mx	-.044	5
88	MP1A	X	0	.5
89	MP1A	Z	-19.533	.5
90	MP1A	Mx	.007	.5
91	MP1A	X	0	5
92	MP1A	Z	-19.533	5
93	MP1A	Mx	.007	5
94	MP1B	X	0	.5
95	MP1B	Z	-26.444	.5
96	MP1B	Mx	.024	.5
97	MP1B	X	0	5
98	MP1B	Z	-26.444	5
99	MP1B	Mx	.024	5
100	MP4A	X	0	.5
101	MP4A	Z	-19.533	.5
102	MP4A	Mx	.007	.5
103	MP4A	X	0	5
104	MP4A	Z	-19.533	5
105	MP4A	Mx	.007	5
106	MP4B	X	0	.5
107	MP4B	Z	-26.444	.5
108	MP4B	Mx	.024	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP4B	X	0	5
110	MP4B	Z	-26.444	5
111	MP4B	Mx	.024	5
112	MP2B	X	0	4
113	MP2B	Z	-8.57	4
114	MP2B	Mx	-.000555	4
115	MP2B	X	0	4
116	MP2B	Z	-8.57	4
117	MP2B	Mx	-.000555	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.208	.5
2	MP2A	Z	-28.073	.5
3	MP2A	Mx	-.013	.5
4	MP2A	X	16.208	5
5	MP2A	Z	-28.073	5
6	MP2A	Mx	-.013	5
7	MP2B	X	15.548	.5
8	MP2B	Z	-26.93	.5
9	MP2B	Mx	.028	.5
10	MP2B	X	15.548	5
11	MP2B	Z	-26.93	5
12	MP2B	Mx	.028	5
13	MP2C	X	14.889	.5
14	MP2C	Z	-25.788	.5
15	MP2C	Mx	-.015	.5
16	MP2C	X	14.889	5
17	MP2C	Z	-25.788	5
18	MP2C	Mx	-.015	5
19	MP2A	X	16.208	.5
20	MP2A	Z	-28.073	.5
21	MP2A	Mx	.025	.5
22	MP2A	X	16.208	5
23	MP2A	Z	-28.073	5
24	MP2A	Mx	.025	5
25	MP2B	X	15.548	.5
26	MP2B	Z	-26.93	.5
27	MP2B	Mx	.001	.5
28	MP2B	X	15.548	5
29	MP2B	Z	-26.93	5
30	MP2B	Mx	.001	5
31	MP2C	X	14.889	.5
32	MP2C	Z	-25.788	.5
33	MP2C	Mx	-.024	.5
34	MP2C	X	14.889	5
35	MP2C	Z	-25.788	5
36	MP2C	Mx	-.024	5
37	MP3A	X	9.273	1.5
38	MP3A	Z	-16.061	1.5
39	MP3A	Mx	.003	1.5
40	MP3A	X	9.273	4
41	MP3A	Z	-16.061	4
42	MP3A	Mx	.003	4
43	MP3B	X	6.877	1.5
44	MP3B	Z	-11.911	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	.006	1.5
46	MP3B	X	6.877	4
47	MP3B	Z	-11.911	4
48	MP3B	Mx	.006	4
49	MP3C	X	4.481	1.5
50	MP3C	Z	-7.761	1.5
51	MP3C	Mx	-.006	1.5
52	MP3C	X	4.481	4
53	MP3C	Z	-7.761	4
54	MP3C	Mx	-.006	4
55	OVP	X	16.46	1.5
56	OVP	Z	-28.509	1.5
57	OVP	Mx	.004	1.5
58	MP2A	X	7.965	2
59	MP2A	Z	-13.796	2
60	MP2A	Mx	.002	2
61	MP2B	X	5.823	2
62	MP2B	Z	-10.086	2
63	MP2B	Mx	-.006	2
64	MP2C	X	6.471	2
65	MP2C	Z	-11.208	2
66	MP2C	Mx	.005	2
67	MP1A	X	7.902	2
68	MP1A	Z	-13.687	2
69	MP1A	Mx	.002	2
70	MP1B	X	4.946	2
71	MP1B	Z	-8.567	2
72	MP1B	Mx	-.005	2
73	MP1C	X	5.84	2
74	MP1C	Z	-10.116	2
75	MP1C	Mx	.005	2
76	MP1C	X	14.587	.5
77	MP1C	Z	-25.265	.5
78	MP1C	Mx	-.031	.5
79	MP1C	X	14.587	5
80	MP1C	Z	-25.265	5
81	MP1C	Mx	-.031	5
82	MP4C	X	14.587	.5
83	MP4C	Z	-25.265	.5
84	MP4C	Mx	-.031	.5
85	MP4C	X	14.587	5
86	MP4C	Z	-25.265	5
87	MP4C	Mx	-.031	5
88	MP1A	X	9.766	.5
89	MP1A	Z	-16.916	.5
90	MP1A	Mx	-.007	.5
91	MP1A	X	9.766	5
92	MP1A	Z	-16.916	5
93	MP1A	Mx	-.007	5
94	MP1B	X	16.677	.5
95	MP1B	Z	-28.886	.5
96	MP1B	Mx	.042	.5
97	MP1B	X	16.677	5
98	MP1B	Z	-28.886	5
99	MP1B	Mx	.042	5
100	MP4A	X	9.766	.5
101	MP4A	Z	-16.916	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP4A	Mx	-.007	.5
103	MP4A	X	9.766	5
104	MP4A	Z	-16.916	5
105	MP4A	Mx	-.007	5
106	MP4B	X	16.677	.5
107	MP4B	Z	-28.886	.5
108	MP4B	Mx	.042	.5
109	MP4B	X	16.677	5
110	MP4B	Z	-28.886	5
111	MP4B	Mx	.042	5
112	MP2B	X	3.079	4
113	MP2B	Z	-5.333	4
114	MP2B	Mx	-.001	4
115	MP2B	X	3.079	4
116	MP2B	Z	-5.333	4
117	MP2B	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	28.073	.5
2	MP2A	Z	-16.208	.5
3	MP2A	Mx	-.025	.5
4	MP2A	X	28.073	5
5	MP2A	Z	-16.208	5
6	MP2A	Mx	-.025	5
7	MP2B	X	25.788	.5
8	MP2B	Z	-14.889	.5
9	MP2B	Mx	.024	.5
10	MP2B	X	25.788	5
11	MP2B	Z	-14.889	5
12	MP2B	Mx	.024	5
13	MP2C	X	26.93	.5
14	MP2C	Z	-15.548	.5
15	MP2C	Mx	-.001	.5
16	MP2C	X	26.93	5
17	MP2C	Z	-15.548	5
18	MP2C	Mx	-.001	5
19	MP2A	X	28.073	.5
20	MP2A	Z	-16.208	.5
21	MP2A	Mx	.013	.5
22	MP2A	X	28.073	5
23	MP2A	Z	-16.208	5
24	MP2A	Mx	.013	5
25	MP2B	X	25.788	.5
26	MP2B	Z	-14.889	.5
27	MP2B	Mx	.015	.5
28	MP2B	X	25.788	5
29	MP2B	Z	-14.889	5
30	MP2B	Mx	.015	5
31	MP2C	X	26.93	.5
32	MP2C	Z	-15.548	.5
33	MP2C	Mx	-.028	.5
34	MP2C	X	26.93	5
35	MP2C	Z	-15.548	5
36	MP2C	Mx	-.028	5
37	MP3A	X	16.061	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-9.273	1.5
39	MP3A	Mx	-.003	1.5
40	MP3A	X	16.061	4
41	MP3A	Z	-9.273	4
42	MP3A	Mx	-.003	4
43	MP3B	X	7.761	1.5
44	MP3B	Z	-4.481	1.5
45	MP3B	Mx	.006	1.5
46	MP3B	X	7.761	4
47	MP3B	Z	-4.481	4
48	MP3B	Mx	.006	4
49	MP3C	X	11.911	1.5
50	MP3C	Z	-6.877	1.5
51	MP3C	Mx	-.006	1.5
52	MP3C	X	11.911	4
53	MP3C	Z	-6.877	4
54	MP3C	Mx	-.006	4
55	OVP	X	25.78	1.5
56	OVP	Z	-14.884	1.5
57	OVP	Mx	.011	1.5
58	MP2A	X	11.941	2
59	MP2A	Z	-6.894	2
60	MP2A	Mx	.005	2
61	MP2B	X	10.086	2
62	MP2B	Z	-5.823	2
63	MP2B	Mx	-.006	2
64	MP2C	X	13.318	2
65	MP2C	Z	-7.689	2
66	MP2C	Mx	.003	2
67	MP1A	X	11.127	2
68	MP1A	Z	-6.424	2
69	MP1A	Mx	.005	2
70	MP1B	X	8.567	2
71	MP1B	Z	-4.946	2
72	MP1B	Mx	-.005	2
73	MP1C	X	13.027	2
74	MP1C	Z	-7.521	2
75	MP1C	Mx	.003	2
76	MP1C	X	18.459	.5
77	MP1C	Z	-10.657	.5
78	MP1C	Mx	-.012	.5
79	MP1C	X	18.459	5
80	MP1C	Z	-10.657	5
81	MP1C	Mx	-.012	5
82	MP4C	X	18.459	.5
83	MP4C	Z	-10.657	.5
84	MP4C	Mx	-.012	.5
85	MP4C	X	18.459	5
86	MP4C	Z	-10.657	5
87	MP4C	Mx	-.012	5
88	MP1A	X	22.901	.5
89	MP1A	Z	-13.222	.5
90	MP1A	Mx	-.024	.5
91	MP1A	X	22.901	5
92	MP1A	Z	-13.222	5
93	MP1A	Mx	-.024	5
94	MP1B	X	28.886	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1B	Z	-16.677	.5
96	MP1B	Mx	.042	.5
97	MP1B	X	28.886	5
98	MP1B	Z	-16.677	5
99	MP1B	Mx	.042	5
100	MP4A	X	22.901	.5
101	MP4A	Z	-13.222	.5
102	MP4A	Mx	-.024	.5
103	MP4A	X	22.901	5
104	MP4A	Z	-13.222	5
105	MP4A	Mx	-.024	5
106	MP4B	X	28.886	.5
107	MP4B	Z	-16.677	.5
108	MP4B	Mx	.042	.5
109	MP4B	X	28.886	5
110	MP4B	Z	-16.677	5
111	MP4B	Mx	.042	5
112	MP2B	X	3.245	4
113	MP2B	Z	-1.874	4
114	MP2B	Mx	-.000905	4
115	MP2B	X	3.245	4
116	MP2B	Z	-1.874	4
117	MP2B	Mx	-.000905	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	31.096	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.028	.5
4	MP2A	X	31.096	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.028	5
7	MP2B	X	29.777	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.015	.5
10	MP2B	X	29.777	5
11	MP2B	Z	0	5
12	MP2B	Mx	.015	5
13	MP2C	X	32.415	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.013	.5
16	MP2C	X	32.415	5
17	MP2C	Z	0	5
18	MP2C	Mx	.013	5
19	MP2A	X	31.096	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.001	.5
22	MP2A	X	31.096	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.001	5
25	MP2B	X	29.777	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.024	.5
28	MP2B	X	29.777	5
29	MP2B	Z	0	5
30	MP2B	Mx	.024	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP2C	X	32.415	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.025	.5
34	MP2C	X	32.415	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.025	5
37	MP3A	X	13.754	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	-.006	1.5
40	MP3A	X	13.754	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.006	4
43	MP3B	X	8.962	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	.006	1.5
46	MP3B	X	8.962	4
47	MP3B	Z	0	4
48	MP3B	Mx	.006	4
49	MP3C	X	18.546	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	-.003	1.5
52	MP3C	X	18.546	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.003	4
55	OVP	X	26.616	1.5
56	OVP	Z	0	1.5
57	OVP	Mx	.013	1.5
58	MP2A	X	11.646	2
59	MP2A	Z	0	2
60	MP2A	Mx	.006	2
61	MP2B	X	13.788	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.005	2
64	MP2C	X	16.224	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.000707	2
67	MP1A	X	9.892	2
68	MP1A	Z	0	2
69	MP1A	Mx	.005	2
70	MP1B	X	12.848	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.005	2
73	MP1C	X	16.21	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.000706	2
76	MP1C	X	18.585	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	.002	.5
79	MP1C	X	18.585	5
80	MP1C	Z	0	5
81	MP1C	Mx	.002	5
82	MP4C	X	18.585	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	.002	.5
85	MP4C	X	18.585	5
86	MP4C	Z	0	5
87	MP4C	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP1A	X	33.355	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	-.042	.5
91	MP1A	X	33.355	5
92	MP1A	Z	0	5
93	MP1A	Mx	-.042	5
94	MP1B	X	26.444	.5
95	MP1B	Z	0	.5
96	MP1B	Mx	.024	.5
97	MP1B	X	26.444	5
98	MP1B	Z	0	5
99	MP1B	Mx	.024	5
100	MP4A	X	33.355	.5
101	MP4A	Z	0	.5
102	MP4A	Mx	-.042	.5
103	MP4A	X	33.355	5
104	MP4A	Z	0	5
105	MP4A	Mx	-.042	5
106	MP4B	X	26.444	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	.024	.5
109	MP4B	X	26.444	5
110	MP4B	Z	0	5
111	MP4B	Mx	.024	5
112	MP2B	X	3.747	4
113	MP2B	Z	0	4
114	MP2B	Mx	-.000905	4
115	MP2B	X	3.747	4
116	MP2B	Z	0	4
117	MP2B	Mx	-.000905	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	25.788	.5
2	MP2A	Z	14.889	.5
3	MP2A	Mx	-.024	.5
4	MP2A	X	25.788	5
5	MP2A	Z	14.889	5
6	MP2A	Mx	-.024	5
7	MP2B	X	26.93	.5
8	MP2B	Z	15.548	.5
9	MP2B	Mx	.001	.5
10	MP2B	X	26.93	5
11	MP2B	Z	15.548	5
12	MP2B	Mx	.001	5
13	MP2C	X	28.073	.5
14	MP2C	Z	16.208	.5
15	MP2C	Mx	.025	.5
16	MP2C	X	28.073	5
17	MP2C	Z	16.208	5
18	MP2C	Mx	.025	5
19	MP2A	X	25.788	.5
20	MP2A	Z	14.889	.5
21	MP2A	Mx	-.015	.5
22	MP2A	X	25.788	5
23	MP2A	Z	14.889	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP2A	Mx	-.015	5
25	MP2B	X	26.93	.5
26	MP2B	Z	15.548	.5
27	MP2B	Mx	.028	.5
28	MP2B	X	26.93	5
29	MP2B	Z	15.548	5
30	MP2B	Mx	.028	5
31	MP2C	X	28.073	.5
32	MP2C	Z	16.208	.5
33	MP2C	Mx	-.013	.5
34	MP2C	X	28.073	5
35	MP2C	Z	16.208	5
36	MP2C	Mx	-.013	5
37	MP3A	X	7.761	1.5
38	MP3A	Z	4.481	1.5
39	MP3A	Mx	-.006	1.5
40	MP3A	X	7.761	4
41	MP3A	Z	4.481	4
42	MP3A	Mx	-.006	4
43	MP3B	X	11.911	1.5
44	MP3B	Z	6.877	1.5
45	MP3B	Mx	.006	1.5
46	MP3B	X	11.911	4
47	MP3B	Z	6.877	4
48	MP3B	Mx	.006	4
49	MP3C	X	16.061	1.5
50	MP3C	Z	9.273	1.5
51	MP3C	Mx	.003	1.5
52	MP3C	X	16.061	4
53	MP3C	Z	9.273	4
54	MP3C	Mx	.003	4
55	OVP	X	23.05	1.5
56	OVP	Z	13.308	1.5
57	OVP	Mx	.013	1.5
58	MP2A	X	10.086	2
59	MP2A	Z	5.823	2
60	MP2A	Mx	.006	2
61	MP2B	X	13.796	2
62	MP2B	Z	7.965	2
63	MP2B	Mx	-.002	2
64	MP2C	X	12.673	2
65	MP2C	Z	7.317	2
66	MP2C	Mx	-.004	2
67	MP1A	X	8.567	2
68	MP1A	Z	4.946	2
69	MP1A	Mx	.005	2
70	MP1B	X	13.687	2
71	MP1B	Z	7.902	2
72	MP1B	Mx	-.002	2
73	MP1C	X	12.138	2
74	MP1C	Z	7.008	2
75	MP1C	Mx	-.004	2
76	MP1C	X	20.537	.5
77	MP1C	Z	11.857	.5
78	MP1C	Mx	.018	.5
79	MP1C	X	20.537	5
80	MP1C	Z	11.857	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP1C	Mx	.018	5
82	MP4C	X	20.537	.5
83	MP4C	Z	11.857	.5
84	MP4C	Mx	.018	.5
85	MP4C	X	20.537	5
86	MP4C	Z	11.857	5
87	MP4C	Mx	.018	5
88	MP1A	X	28.886	.5
89	MP1A	Z	16.677	.5
90	MP1A	Mx	-.042	.5
91	MP1A	X	28.886	5
92	MP1A	Z	16.677	5
93	MP1A	Mx	-.042	5
94	MP1B	X	16.916	.5
95	MP1B	Z	9.766	.5
96	MP1B	Mx	.007	.5
97	MP1B	X	16.916	5
98	MP1B	Z	9.766	5
99	MP1B	Mx	.007	5
100	MP4A	X	28.886	.5
101	MP4A	Z	16.677	.5
102	MP4A	Mx	-.042	.5
103	MP4A	X	28.886	5
104	MP4A	Z	16.677	5
105	MP4A	Mx	-.042	5
106	MP4B	X	16.916	.5
107	MP4B	Z	9.766	.5
108	MP4B	Mx	.007	.5
109	MP4B	X	16.916	5
110	MP4B	Z	9.766	5
111	MP4B	Mx	.007	5
112	MP2B	X	5.333	4
113	MP2B	Z	3.079	4
114	MP2B	Mx	-.001	4
115	MP2B	X	5.333	4
116	MP2B	Z	3.079	4
117	MP2B	Mx	-.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	14.889	.5
2	MP2A	Z	25.788	.5
3	MP2A	Mx	-.015	.5
4	MP2A	X	14.889	5
5	MP2A	Z	25.788	5
6	MP2A	Mx	-.015	5
7	MP2B	X	16.208	.5
8	MP2B	Z	28.073	.5
9	MP2B	Mx	-.013	.5
10	MP2B	X	16.208	5
11	MP2B	Z	28.073	5
12	MP2B	Mx	-.013	5
13	MP2C	X	15.548	.5
14	MP2C	Z	26.93	.5
15	MP2C	Mx	.028	.5
16	MP2C	X	15.548	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	Z	26.93	5
18	MP2C	Mx	.028	5
19	MP2A	X	14.889	.5
20	MP2A	Z	25.788	.5
21	MP2A	Mx	-.024	.5
22	MP2A	X	14.889	5
23	MP2A	Z	25.788	5
24	MP2A	Mx	-.024	5
25	MP2B	X	16.208	.5
26	MP2B	Z	28.073	.5
27	MP2B	Mx	.025	.5
28	MP2B	X	16.208	5
29	MP2B	Z	28.073	5
30	MP2B	Mx	.025	5
31	MP2C	X	15.548	.5
32	MP2C	Z	26.93	.5
33	MP2C	Mx	.001	.5
34	MP2C	X	15.548	5
35	MP2C	Z	26.93	5
36	MP2C	Mx	.001	5
37	MP3A	X	4.481	1.5
38	MP3A	Z	7.761	1.5
39	MP3A	Mx	-.006	1.5
40	MP3A	X	4.481	4
41	MP3A	Z	7.761	4
42	MP3A	Mx	-.006	4
43	MP3B	X	9.273	1.5
44	MP3B	Z	16.061	1.5
45	MP3B	Mx	.003	1.5
46	MP3B	X	9.273	4
47	MP3B	Z	16.061	4
48	MP3B	Mx	.003	4
49	MP3C	X	6.877	1.5
50	MP3C	Z	11.911	1.5
51	MP3C	Mx	.006	1.5
52	MP3C	X	6.877	4
53	MP3C	Z	11.911	4
54	MP3C	Mx	.006	4
55	OVP	X	14.884	1.5
56	OVP	Z	25.78	1.5
57	OVP	Mx	.011	1.5
58	MP2A	X	6.894	2
59	MP2A	Z	11.941	2
60	MP2A	Mx	.005	2
61	MP2B	X	7.965	2
62	MP2B	Z	13.796	2
63	MP2B	Mx	.002	2
64	MP2C	X	6.099	2
65	MP2C	Z	10.564	2
66	MP2C	Mx	-.006	2
67	MP1A	X	6.424	2
68	MP1A	Z	11.127	2
69	MP1A	Mx	.005	2
70	MP1B	X	7.902	2
71	MP1B	Z	13.687	2
72	MP1B	Mx	.002	2
73	MP1C	X	5.327	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP1C	Z	9.227	2
75	MP1C	Mx	-.005	2
76	MP1C	X	15.787	.5
77	MP1C	Z	27.343	.5
78	MP1C	Mx	.037	.5
79	MP1C	X	15.787	5
80	MP1C	Z	27.343	5
81	MP1C	Mx	.037	5
82	MP4C	X	15.787	.5
83	MP4C	Z	27.343	.5
84	MP4C	Mx	.037	.5
85	MP4C	X	15.787	5
86	MP4C	Z	27.343	5
87	MP4C	Mx	.037	5
88	MP1A	X	13.222	.5
89	MP1A	Z	22.901	.5
90	MP1A	Mx	-.024	.5
91	MP1A	X	13.222	5
92	MP1A	Z	22.901	5
93	MP1A	Mx	-.024	5
94	MP1B	X	9.766	.5
95	MP1B	Z	16.916	.5
96	MP1B	Mx	-.007	.5
97	MP1B	X	9.766	5
98	MP1B	Z	16.916	5
99	MP1B	Mx	-.007	5
100	MP4A	X	13.222	.5
101	MP4A	Z	22.901	.5
102	MP4A	Mx	-.024	.5
103	MP4A	X	13.222	5
104	MP4A	Z	22.901	5
105	MP4A	Mx	-.024	5
106	MP4B	X	9.766	.5
107	MP4B	Z	16.916	.5
108	MP4B	Mx	-.007	.5
109	MP4B	X	9.766	5
110	MP4B	Z	16.916	5
111	MP4B	Mx	-.007	5
112	MP2B	X	4.285	4
113	MP2B	Z	7.422	4
114	MP2B	Mx	-.000555	4
115	MP2B	X	4.285	4
116	MP2B	Z	7.422	4
117	MP2B	Mx	-.000555	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	31.096	.5
3	MP2A	Mx	-.001	.5
4	MP2A	X	0	5
5	MP2A	Z	31.096	5
6	MP2A	Mx	-.001	5
7	MP2B	X	0	.5
8	MP2B	Z	32.415	.5
9	MP2B	Mx	-.025	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	X	0	5
11	MP2B	Z	32.415	5
12	MP2B	Mx	-.025	5
13	MP2C	X	0	.5
14	MP2C	Z	29.777	.5
15	MP2C	Mx	.024	.5
16	MP2C	X	0	5
17	MP2C	Z	29.777	5
18	MP2C	Mx	.024	5
19	MP2A	X	0	.5
20	MP2A	Z	31.096	.5
21	MP2A	Mx	-.028	.5
22	MP2A	X	0	5
23	MP2A	Z	31.096	5
24	MP2A	Mx	-.028	5
25	MP2B	X	0	.5
26	MP2B	Z	32.415	.5
27	MP2B	Mx	.013	.5
28	MP2B	X	0	5
29	MP2B	Z	32.415	5
30	MP2B	Mx	.013	5
31	MP2C	X	0	.5
32	MP2C	Z	29.777	.5
33	MP2C	Mx	.015	.5
34	MP2C	X	0	5
35	MP2C	Z	29.777	5
36	MP2C	Mx	.015	5
37	MP3A	X	0	1.5
38	MP3A	Z	13.754	1.5
39	MP3A	Mx	-.006	1.5
40	MP3A	X	0	4
41	MP3A	Z	13.754	4
42	MP3A	Mx	-.006	4
43	MP3B	X	0	1.5
44	MP3B	Z	18.546	1.5
45	MP3B	Mx	-.003	1.5
46	MP3B	X	0	4
47	MP3B	Z	18.546	4
48	MP3B	Mx	-.003	4
49	MP3C	X	0	1.5
50	MP3C	Z	8.962	1.5
51	MP3C	Mx	.006	1.5
52	MP3C	X	0	4
53	MP3C	Z	8.962	4
54	MP3C	Mx	.006	4
55	OVP	X	0	1.5
56	OVP	Z	32.92	1.5
57	OVP	Mx	.004	1.5
58	MP2A	X	0	2
59	MP2A	Z	15.93	2
60	MP2A	Mx	.002	2
61	MP2B	X	0	2
62	MP2B	Z	13.788	2
63	MP2B	Mx	.005	2
64	MP2C	X	0	2
65	MP2C	Z	11.352	2
66	MP2C	Mx	-.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP1A	X	0	2
68	MP1A	Z	15.804	2
69	MP1A	Mx	.002	2
70	MP1B	X	0	2
71	MP1B	Z	12.848	2
72	MP1B	Mx	.005	2
73	MP1C	X	0	2
74	MP1C	Z	9.487	2
75	MP1C	Mx	-.005	2
76	MP1C	X	0	.5
77	MP1C	Z	34.303	.5
78	MP1C	Mx	.044	.5
79	MP1C	X	0	5
80	MP1C	Z	34.303	5
81	MP1C	Mx	.044	5
82	MP4C	X	0	.5
83	MP4C	Z	34.303	.5
84	MP4C	Mx	.044	.5
85	MP4C	X	0	5
86	MP4C	Z	34.303	5
87	MP4C	Mx	.044	5
88	MP1A	X	0	.5
89	MP1A	Z	19.533	.5
90	MP1A	Mx	-.007	.5
91	MP1A	X	0	5
92	MP1A	Z	19.533	5
93	MP1A	Mx	-.007	5
94	MP1B	X	0	.5
95	MP1B	Z	26.444	.5
96	MP1B	Mx	-.024	.5
97	MP1B	X	0	5
98	MP1B	Z	26.444	5
99	MP1B	Mx	-.024	5
100	MP4A	X	0	.5
101	MP4A	Z	19.533	.5
102	MP4A	Mx	-.007	.5
103	MP4A	X	0	5
104	MP4A	Z	19.533	5
105	MP4A	Mx	-.007	5
106	MP4B	X	0	.5
107	MP4B	Z	26.444	.5
108	MP4B	Mx	-.024	.5
109	MP4B	X	0	5
110	MP4B	Z	26.444	5
111	MP4B	Mx	-.024	5
112	MP2B	X	0	4
113	MP2B	Z	8.57	4
114	MP2B	Mx	.000555	4
115	MP2B	X	0	4
116	MP2B	Z	8.57	4
117	MP2B	Mx	.000555	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.208	.5
2	MP2A	Z	28.073	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	Mx	.013	.5
4	MP2A	X	-16.208	5
5	MP2A	Z	28.073	5
6	MP2A	Mx	.013	5
7	MP2B	X	-15.548	.5
8	MP2B	Z	26.93	.5
9	MP2B	Mx	-.028	.5
10	MP2B	X	-15.548	5
11	MP2B	Z	26.93	5
12	MP2B	Mx	-.028	5
13	MP2C	X	-14.889	.5
14	MP2C	Z	25.788	.5
15	MP2C	Mx	.015	.5
16	MP2C	X	-14.889	5
17	MP2C	Z	25.788	5
18	MP2C	Mx	.015	5
19	MP2A	X	-16.208	.5
20	MP2A	Z	28.073	.5
21	MP2A	Mx	-.025	.5
22	MP2A	X	-16.208	5
23	MP2A	Z	28.073	5
24	MP2A	Mx	-.025	5
25	MP2B	X	-15.548	.5
26	MP2B	Z	26.93	.5
27	MP2B	Mx	-.001	.5
28	MP2B	X	-15.548	5
29	MP2B	Z	26.93	5
30	MP2B	Mx	-.001	5
31	MP2C	X	-14.889	.5
32	MP2C	Z	25.788	.5
33	MP2C	Mx	.024	.5
34	MP2C	X	-14.889	5
35	MP2C	Z	25.788	5
36	MP2C	Mx	.024	5
37	MP3A	X	-9.273	1.5
38	MP3A	Z	16.061	1.5
39	MP3A	Mx	-.003	1.5
40	MP3A	X	-9.273	4
41	MP3A	Z	16.061	4
42	MP3A	Mx	-.003	4
43	MP3B	X	-6.877	1.5
44	MP3B	Z	11.911	1.5
45	MP3B	Mx	-.006	1.5
46	MP3B	X	-6.877	4
47	MP3B	Z	11.911	4
48	MP3B	Mx	-.006	4
49	MP3C	X	-4.481	1.5
50	MP3C	Z	7.761	1.5
51	MP3C	Mx	.006	1.5
52	MP3C	X	-4.481	4
53	MP3C	Z	7.761	4
54	MP3C	Mx	.006	4
55	OVP	X	-16.46	1.5
56	OVP	Z	28.509	1.5
57	OVP	Mx	-.004	1.5
58	MP2A	X	-7.965	2
59	MP2A	Z	13.796	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2A	Mx	-.002	2
61	MP2B	X	-5.823	2
62	MP2B	Z	10.086	2
63	MP2B	Mx	.006	2
64	MP2C	X	-6.471	2
65	MP2C	Z	11.208	2
66	MP2C	Mx	-.005	2
67	MP1A	X	-7.902	2
68	MP1A	Z	13.687	2
69	MP1A	Mx	-.002	2
70	MP1B	X	-4.946	2
71	MP1B	Z	8.567	2
72	MP1B	Mx	.005	2
73	MP1C	X	-5.84	2
74	MP1C	Z	10.116	2
75	MP1C	Mx	-.005	2
76	MP1C	X	-14.587	.5
77	MP1C	Z	25.265	.5
78	MP1C	Mx	.031	.5
79	MP1C	X	-14.587	5
80	MP1C	Z	25.265	5
81	MP1C	Mx	.031	5
82	MP4C	X	-14.587	.5
83	MP4C	Z	25.265	.5
84	MP4C	Mx	.031	.5
85	MP4C	X	-14.587	5
86	MP4C	Z	25.265	5
87	MP4C	Mx	.031	5
88	MP1A	X	-9.766	.5
89	MP1A	Z	16.916	.5
90	MP1A	Mx	.007	.5
91	MP1A	X	-9.766	5
92	MP1A	Z	16.916	5
93	MP1A	Mx	.007	5
94	MP1B	X	-16.677	.5
95	MP1B	Z	28.886	.5
96	MP1B	Mx	-.042	.5
97	MP1B	X	-16.677	5
98	MP1B	Z	28.886	5
99	MP1B	Mx	-.042	5
100	MP4A	X	-9.766	.5
101	MP4A	Z	16.916	.5
102	MP4A	Mx	.007	.5
103	MP4A	X	-9.766	5
104	MP4A	Z	16.916	5
105	MP4A	Mx	.007	5
106	MP4B	X	-16.677	.5
107	MP4B	Z	28.886	.5
108	MP4B	Mx	-.042	.5
109	MP4B	X	-16.677	5
110	MP4B	Z	28.886	5
111	MP4B	Mx	-.042	5
112	MP2B	X	-3.079	4
113	MP2B	Z	5.333	4
114	MP2B	Mx	.001	4
115	MP2B	X	-3.079	4
116	MP2B	Z	5.333	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP2B	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-28.073	.5
2	MP2A	Z	16.208	.5
3	MP2A	Mx	.025	.5
4	MP2A	X	-28.073	5
5	MP2A	Z	16.208	5
6	MP2A	Mx	.025	5
7	MP2B	X	-25.788	.5
8	MP2B	Z	14.889	.5
9	MP2B	Mx	-.024	.5
10	MP2B	X	-25.788	5
11	MP2B	Z	14.889	5
12	MP2B	Mx	-.024	5
13	MP2C	X	-26.93	.5
14	MP2C	Z	15.548	.5
15	MP2C	Mx	.001	.5
16	MP2C	X	-26.93	5
17	MP2C	Z	15.548	5
18	MP2C	Mx	.001	5
19	MP2A	X	-28.073	.5
20	MP2A	Z	16.208	.5
21	MP2A	Mx	-.013	.5
22	MP2A	X	-28.073	5
23	MP2A	Z	16.208	5
24	MP2A	Mx	-.013	5
25	MP2B	X	-25.788	.5
26	MP2B	Z	14.889	.5
27	MP2B	Mx	-.015	.5
28	MP2B	X	-25.788	5
29	MP2B	Z	14.889	5
30	MP2B	Mx	-.015	5
31	MP2C	X	-26.93	.5
32	MP2C	Z	15.548	.5
33	MP2C	Mx	.028	.5
34	MP2C	X	-26.93	5
35	MP2C	Z	15.548	5
36	MP2C	Mx	.028	5
37	MP3A	X	-16.061	1.5
38	MP3A	Z	9.273	1.5
39	MP3A	Mx	.003	1.5
40	MP3A	X	-16.061	4
41	MP3A	Z	9.273	4
42	MP3A	Mx	.003	4
43	MP3B	X	-7.761	1.5
44	MP3B	Z	4.481	1.5
45	MP3B	Mx	-.006	1.5
46	MP3B	X	-7.761	4
47	MP3B	Z	4.481	4
48	MP3B	Mx	-.006	4
49	MP3C	X	-11.911	1.5
50	MP3C	Z	6.877	1.5
51	MP3C	Mx	.006	1.5
52	MP3C	X	-11.911	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	6.877	4
54	MP3C	Mx	.006	4
55	OVP	X	-25.78	1.5
56	OVP	Z	14.884	1.5
57	OVP	Mx	-.011	1.5
58	MP2A	X	-11.941	2
59	MP2A	Z	6.894	2
60	MP2A	Mx	-.005	2
61	MP2B	X	-10.086	2
62	MP2B	Z	5.823	2
63	MP2B	Mx	.006	2
64	MP2C	X	-13.318	2
65	MP2C	Z	7.689	2
66	MP2C	Mx	-.003	2
67	MP1A	X	-11.127	2
68	MP1A	Z	6.424	2
69	MP1A	Mx	-.005	2
70	MP1B	X	-8.567	2
71	MP1B	Z	4.946	2
72	MP1B	Mx	.005	2
73	MP1C	X	-13.027	2
74	MP1C	Z	7.521	2
75	MP1C	Mx	-.003	2
76	MP1C	X	-18.459	.5
77	MP1C	Z	10.657	.5
78	MP1C	Mx	.012	.5
79	MP1C	X	-18.459	5
80	MP1C	Z	10.657	5
81	MP1C	Mx	.012	5
82	MP4C	X	-18.459	.5
83	MP4C	Z	10.657	.5
84	MP4C	Mx	.012	.5
85	MP4C	X	-18.459	5
86	MP4C	Z	10.657	5
87	MP4C	Mx	.012	5
88	MP1A	X	-22.901	.5
89	MP1A	Z	13.222	.5
90	MP1A	Mx	.024	.5
91	MP1A	X	-22.901	5
92	MP1A	Z	13.222	5
93	MP1A	Mx	.024	5
94	MP1B	X	-28.886	.5
95	MP1B	Z	16.677	.5
96	MP1B	Mx	-.042	.5
97	MP1B	X	-28.886	5
98	MP1B	Z	16.677	5
99	MP1B	Mx	-.042	5
100	MP4A	X	-22.901	.5
101	MP4A	Z	13.222	.5
102	MP4A	Mx	.024	.5
103	MP4A	X	-22.901	5
104	MP4A	Z	13.222	5
105	MP4A	Mx	.024	5
106	MP4B	X	-28.886	.5
107	MP4B	Z	16.677	.5
108	MP4B	Mx	-.042	.5
109	MP4B	X	-28.886	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP4B	Z	16.677	5
111	MP4B	Mx	-.042	5
112	MP2B	X	-3.245	4
113	MP2B	Z	1.874	4
114	MP2B	Mx	.000905	4
115	MP2B	X	-3.245	4
116	MP2B	Z	1.874	4
117	MP2B	Mx	.000905	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-31.096	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.028	.5
4	MP2A	X	-31.096	5
5	MP2A	Z	0	5
6	MP2A	Mx	.028	5
7	MP2B	X	-29.777	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.015	.5
10	MP2B	X	-29.777	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.015	5
13	MP2C	X	-32.415	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.013	.5
16	MP2C	X	-32.415	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.013	5
19	MP2A	X	-31.096	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.001	.5
22	MP2A	X	-31.096	5
23	MP2A	Z	0	5
24	MP2A	Mx	.001	5
25	MP2B	X	-29.777	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.024	.5
28	MP2B	X	-29.777	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.024	5
31	MP2C	X	-32.415	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.025	.5
34	MP2C	X	-32.415	5
35	MP2C	Z	0	5
36	MP2C	Mx	.025	5
37	MP3A	X	-13.754	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	.006	1.5
40	MP3A	X	-13.754	4
41	MP3A	Z	0	4
42	MP3A	Mx	.006	4
43	MP3B	X	-8.962	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	-.006	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	-8.962	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.006	4
49	MP3C	X	-18.546	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	.003	1.5
52	MP3C	X	-18.546	4
53	MP3C	Z	0	4
54	MP3C	Mx	.003	4
55	OVP	X	-26.616	1.5
56	OVP	Z	0	1.5
57	OVP	Mx	-.013	1.5
58	MP2A	X	-11.646	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.006	2
61	MP2B	X	-13.788	2
62	MP2B	Z	0	2
63	MP2B	Mx	.005	2
64	MP2C	X	-16.224	2
65	MP2C	Z	0	2
66	MP2C	Mx	.000707	2
67	MP1A	X	-9.892	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.005	2
70	MP1B	X	-12.848	2
71	MP1B	Z	0	2
72	MP1B	Mx	.005	2
73	MP1C	X	-16.21	2
74	MP1C	Z	0	2
75	MP1C	Mx	.000706	2
76	MP1C	X	-18.585	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	-.002	.5
79	MP1C	X	-18.585	5
80	MP1C	Z	0	5
81	MP1C	Mx	-.002	5
82	MP4C	X	-18.585	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	-.002	.5
85	MP4C	X	-18.585	5
86	MP4C	Z	0	5
87	MP4C	Mx	-.002	5
88	MP1A	X	-33.355	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	.042	.5
91	MP1A	X	-33.355	5
92	MP1A	Z	0	5
93	MP1A	Mx	.042	5
94	MP1B	X	-26.444	.5
95	MP1B	Z	0	.5
96	MP1B	Mx	-.024	.5
97	MP1B	X	-26.444	5
98	MP1B	Z	0	5
99	MP1B	Mx	-.024	5
100	MP4A	X	-33.355	.5
101	MP4A	Z	0	.5
102	MP4A	Mx	.042	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP4A	X	-33.355	5
104	MP4A	Z	0	5
105	MP4A	Mx	.042	5
106	MP4B	X	-26.444	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	-.024	.5
109	MP4B	X	-26.444	5
110	MP4B	Z	0	5
111	MP4B	Mx	-.024	5
112	MP2B	X	-3.747	4
113	MP2B	Z	0	4
114	MP2B	Mx	.000905	4
115	MP2B	X	-3.747	4
116	MP2B	Z	0	4
117	MP2B	Mx	.000905	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-25.788	.5
2	MP2A	Z	-14.889	.5
3	MP2A	Mx	.024	.5
4	MP2A	X	-25.788	5
5	MP2A	Z	-14.889	5
6	MP2A	Mx	.024	5
7	MP2B	X	-26.93	.5
8	MP2B	Z	-15.548	.5
9	MP2B	Mx	-.001	.5
10	MP2B	X	-26.93	5
11	MP2B	Z	-15.548	5
12	MP2B	Mx	-.001	5
13	MP2C	X	-28.073	.5
14	MP2C	Z	-16.208	.5
15	MP2C	Mx	-.025	.5
16	MP2C	X	-28.073	5
17	MP2C	Z	-16.208	5
18	MP2C	Mx	-.025	5
19	MP2A	X	-25.788	.5
20	MP2A	Z	-14.889	.5
21	MP2A	Mx	.015	.5
22	MP2A	X	-25.788	5
23	MP2A	Z	-14.889	5
24	MP2A	Mx	.015	5
25	MP2B	X	-26.93	.5
26	MP2B	Z	-15.548	.5
27	MP2B	Mx	-.028	.5
28	MP2B	X	-26.93	5
29	MP2B	Z	-15.548	5
30	MP2B	Mx	-.028	5
31	MP2C	X	-28.073	.5
32	MP2C	Z	-16.208	.5
33	MP2C	Mx	.013	.5
34	MP2C	X	-28.073	5
35	MP2C	Z	-16.208	5
36	MP2C	Mx	.013	5
37	MP3A	X	-7.761	1.5
38	MP3A	Z	-4.481	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP3A	Mx	.006	1.5
40	MP3A	X	-7.761	4
41	MP3A	Z	-4.481	4
42	MP3A	Mx	.006	4
43	MP3B	X	-11.911	1.5
44	MP3B	Z	-6.877	1.5
45	MP3B	Mx	-.006	1.5
46	MP3B	X	-11.911	4
47	MP3B	Z	-6.877	4
48	MP3B	Mx	-.006	4
49	MP3C	X	-16.061	1.5
50	MP3C	Z	-9.273	1.5
51	MP3C	Mx	-.003	1.5
52	MP3C	X	-16.061	4
53	MP3C	Z	-9.273	4
54	MP3C	Mx	-.003	4
55	OVP	X	-23.05	1.5
56	OVP	Z	-13.308	1.5
57	OVP	Mx	-.013	1.5
58	MP2A	X	-10.086	2
59	MP2A	Z	-5.823	2
60	MP2A	Mx	-.006	2
61	MP2B	X	-13.796	2
62	MP2B	Z	-7.965	2
63	MP2B	Mx	.002	2
64	MP2C	X	-12.673	2
65	MP2C	Z	-7.317	2
66	MP2C	Mx	.004	2
67	MP1A	X	-8.567	2
68	MP1A	Z	-4.946	2
69	MP1A	Mx	-.005	2
70	MP1B	X	-13.687	2
71	MP1B	Z	-7.902	2
72	MP1B	Mx	.002	2
73	MP1C	X	-12.138	2
74	MP1C	Z	-7.008	2
75	MP1C	Mx	.004	2
76	MP1C	X	-20.537	.5
77	MP1C	Z	-11.857	.5
78	MP1C	Mx	-.018	.5
79	MP1C	X	-20.537	5
80	MP1C	Z	-11.857	5
81	MP1C	Mx	-.018	5
82	MP4C	X	-20.537	.5
83	MP4C	Z	-11.857	.5
84	MP4C	Mx	-.018	.5
85	MP4C	X	-20.537	5
86	MP4C	Z	-11.857	5
87	MP4C	Mx	-.018	5
88	MP1A	X	-28.886	.5
89	MP1A	Z	-16.677	.5
90	MP1A	Mx	.042	.5
91	MP1A	X	-28.886	5
92	MP1A	Z	-16.677	5
93	MP1A	Mx	.042	5
94	MP1B	X	-16.916	.5
95	MP1B	Z	-9.766	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP1B	Mx	-.007	.5
97	MP1B	X	-16.916	5
98	MP1B	Z	-9.766	5
99	MP1B	Mx	-.007	5
100	MP4A	X	-28.886	.5
101	MP4A	Z	-16.677	.5
102	MP4A	Mx	.042	.5
103	MP4A	X	-28.886	5
104	MP4A	Z	-16.677	5
105	MP4A	Mx	.042	5
106	MP4B	X	-16.916	.5
107	MP4B	Z	-9.766	.5
108	MP4B	Mx	-.007	.5
109	MP4B	X	-16.916	5
110	MP4B	Z	-9.766	5
111	MP4B	Mx	-.007	5
112	MP2B	X	-5.333	4
113	MP2B	Z	-3.079	4
114	MP2B	Mx	.001	4
115	MP2B	X	-5.333	4
116	MP2B	Z	-3.079	4
117	MP2B	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-14.889	.5
2	MP2A	Z	-25.788	.5
3	MP2A	Mx	.015	.5
4	MP2A	X	-14.889	5
5	MP2A	Z	-25.788	5
6	MP2A	Mx	.015	5
7	MP2B	X	-16.208	.5
8	MP2B	Z	-28.073	.5
9	MP2B	Mx	.013	.5
10	MP2B	X	-16.208	5
11	MP2B	Z	-28.073	5
12	MP2B	Mx	.013	5
13	MP2C	X	-15.548	.5
14	MP2C	Z	-26.93	.5
15	MP2C	Mx	-.028	.5
16	MP2C	X	-15.548	5
17	MP2C	Z	-26.93	5
18	MP2C	Mx	-.028	5
19	MP2A	X	-14.889	.5
20	MP2A	Z	-25.788	.5
21	MP2A	Mx	.024	.5
22	MP2A	X	-14.889	5
23	MP2A	Z	-25.788	5
24	MP2A	Mx	.024	5
25	MP2B	X	-16.208	.5
26	MP2B	Z	-28.073	.5
27	MP2B	Mx	-.025	.5
28	MP2B	X	-16.208	5
29	MP2B	Z	-28.073	5
30	MP2B	Mx	-.025	5
31	MP2C	X	-15.548	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2C	Z	-26.93	.5
33	MP2C	Mx	-.001	.5
34	MP2C	X	-15.548	5
35	MP2C	Z	-26.93	5
36	MP2C	Mx	-.001	5
37	MP3A	X	-4.481	1.5
38	MP3A	Z	-7.761	1.5
39	MP3A	Mx	.006	1.5
40	MP3A	X	-4.481	4
41	MP3A	Z	-7.761	4
42	MP3A	Mx	.006	4
43	MP3B	X	-9.273	1.5
44	MP3B	Z	-16.061	1.5
45	MP3B	Mx	-.003	1.5
46	MP3B	X	-9.273	4
47	MP3B	Z	-16.061	4
48	MP3B	Mx	-.003	4
49	MP3C	X	-6.877	1.5
50	MP3C	Z	-11.911	1.5
51	MP3C	Mx	-.006	1.5
52	MP3C	X	-6.877	4
53	MP3C	Z	-11.911	4
54	MP3C	Mx	-.006	4
55	OVP	X	-14.884	1.5
56	OVP	Z	-25.78	1.5
57	OVP	Mx	-.011	1.5
58	MP2A	X	-6.894	2
59	MP2A	Z	-11.941	2
60	MP2A	Mx	-.005	2
61	MP2B	X	-7.965	2
62	MP2B	Z	-13.796	2
63	MP2B	Mx	-.002	2
64	MP2C	X	-6.099	2
65	MP2C	Z	-10.564	2
66	MP2C	Mx	.006	2
67	MP1A	X	-6.424	2
68	MP1A	Z	-11.127	2
69	MP1A	Mx	-.005	2
70	MP1B	X	-7.902	2
71	MP1B	Z	-13.687	2
72	MP1B	Mx	-.002	2
73	MP1C	X	-5.327	2
74	MP1C	Z	-9.227	2
75	MP1C	Mx	.005	2
76	MP1C	X	-15.787	.5
77	MP1C	Z	-27.343	.5
78	MP1C	Mx	-.037	.5
79	MP1C	X	-15.787	5
80	MP1C	Z	-27.343	5
81	MP1C	Mx	-.037	5
82	MP4C	X	-15.787	.5
83	MP4C	Z	-27.343	.5
84	MP4C	Mx	-.037	.5
85	MP4C	X	-15.787	5
86	MP4C	Z	-27.343	5
87	MP4C	Mx	-.037	5
88	MP1A	X	-13.222	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1A	Z	-22.901	.5
90	MP1A	Mx	.024	.5
91	MP1A	X	-13.222	5
92	MP1A	Z	-22.901	5
93	MP1A	Mx	.024	5
94	MP1B	X	-9.766	.5
95	MP1B	Z	-16.916	.5
96	MP1B	Mx	.007	.5
97	MP1B	X	-9.766	5
98	MP1B	Z	-16.916	5
99	MP1B	Mx	.007	5
100	MP4A	X	-13.222	.5
101	MP4A	Z	-22.901	.5
102	MP4A	Mx	.024	.5
103	MP4A	X	-13.222	5
104	MP4A	Z	-22.901	5
105	MP4A	Mx	.024	5
106	MP4B	X	-9.766	.5
107	MP4B	Z	-16.916	.5
108	MP4B	Mx	.007	.5
109	MP4B	X	-9.766	5
110	MP4B	Z	-16.916	5
111	MP4B	Mx	.007	5
112	MP2B	X	-4.285	4
113	MP2B	Z	-7.422	4
114	MP2B	Mx	.000555	4
115	MP2B	X	-4.285	4
116	MP2B	Z	-7.422	4
117	MP2B	Mx	.000555	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	-3.763	.5
3	MP2A	Mx	.000166	.5
4	MP2A	X	0	5
5	MP2A	Z	-3.763	5
6	MP2A	Mx	.000166	5
7	MP2B	X	0	.5
8	MP2B	Z	-3.39	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	0	5
11	MP2B	Z	-3.39	5
12	MP2B	Mx	.003	5
13	MP2C	X	0	.5
14	MP2C	Z	-4.137	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	0	5
17	MP2C	Z	-4.137	5
18	MP2C	Mx	-.003	5
19	MP2A	X	0	.5
20	MP2A	Z	-3.763	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	0	5
23	MP2A	Z	-3.763	5
24	MP2A	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2B	X	0	.5
26	MP2B	Z	-3.39	.5
27	MP2B	Mx	-.001	.5
28	MP2B	X	0	5
29	MP2B	Z	-3.39	5
30	MP2B	Mx	-.001	5
31	MP2C	X	0	.5
32	MP2C	Z	-4.137	.5
33	MP2C	Mx	-.002	.5
34	MP2C	X	0	5
35	MP2C	Z	-4.137	5
36	MP2C	Mx	-.002	5
37	MP3A	X	0	1.5
38	MP3A	Z	-3.443	1.5
39	MP3A	Mx	.002	1.5
40	MP3A	X	0	4
41	MP3A	Z	-3.443	4
42	MP3A	Mx	.002	4
43	MP3B	X	0	1.5
44	MP3B	Z	-4.897	1.5
45	MP3B	Mx	.000845	1.5
46	MP3B	X	0	4
47	MP3B	Z	-4.897	4
48	MP3B	Mx	.000845	4
49	MP3C	X	0	1.5
50	MP3C	Z	-1.989	1.5
51	MP3C	Mx	-.001	1.5
52	MP3C	X	0	4
53	MP3C	Z	-1.989	4
54	MP3C	Mx	-.001	4
55	OVP	X	0	1.5
56	OVP	Z	-10.441	1.5
57	OVP	Mx	-.001	1.5
58	MP2A	X	0	2
59	MP2A	Z	-3.961	2
60	MP2A	Mx	-.000513	2
61	MP2B	X	0	2
62	MP2B	Z	-3.384	2
63	MP2B	Mx	-.001	2
64	MP2C	X	0	2
65	MP2C	Z	-2.728	2
66	MP2C	Mx	.001	2
67	MP1A	X	0	2
68	MP1A	Z	-3.928	2
69	MP1A	Mx	-.000508	2
70	MP1B	X	0	2
71	MP1B	Z	-3.136	2
72	MP1B	Mx	-.001	2
73	MP1C	X	0	2
74	MP1C	Z	-2.235	2
75	MP1C	Mx	.001	2
76	MP1C	X	0	.5
77	MP1C	Z	-11.232	.5
78	MP1C	Mx	-.014	.5
79	MP1C	X	0	5
80	MP1C	Z	-11.232	5
81	MP1C	Mx	-.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP4C	X	0	.5
83	MP4C	Z	-11.232	.5
84	MP4C	Mx	-.014	.5
85	MP4C	X	0	5
86	MP4C	Z	-11.232	5
87	MP4C	Mx	-.014	5
88	MP1A	X	0	.5
89	MP1A	Z	-6.034	.5
90	MP1A	Mx	.002	.5
91	MP1A	X	0	5
92	MP1A	Z	-6.034	5
93	MP1A	Mx	.002	5
94	MP1B	X	0	.5
95	MP1B	Z	-8.466	.5
96	MP1B	Mx	.008	.5
97	MP1B	X	0	5
98	MP1B	Z	-8.466	5
99	MP1B	Mx	.008	5
100	MP4A	X	0	.5
101	MP4A	Z	-6.034	.5
102	MP4A	Mx	.002	.5
103	MP4A	X	0	5
104	MP4A	Z	-6.034	5
105	MP4A	Mx	.002	5
106	MP4B	X	0	.5
107	MP4B	Z	-8.466	.5
108	MP4B	Mx	.008	.5
109	MP4B	X	0	5
110	MP4B	Z	-8.466	5
111	MP4B	Mx	.008	5
112	MP2B	X	0	4
113	MP2B	Z	-2.392	4
114	MP2B	Mx	-.000155	4
115	MP2B	X	0	4
116	MP2B	Z	-2.392	4
117	MP2B	Mx	-.000155	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.695	.5
2	MP2A	Z	-2.936	.5
3	MP2A	Mx	-.001	.5
4	MP2A	X	1.695	5
5	MP2A	Z	-2.936	5
6	MP2A	Mx	-.001	5
7	MP2B	X	1.882	.5
8	MP2B	Z	-3.259	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	1.882	5
11	MP2B	Z	-3.259	5
12	MP2B	Mx	.003	5
13	MP2C	X	2.068	.5
14	MP2C	Z	-3.582	.5
15	MP2C	Mx	-.002	.5
16	MP2C	X	2.068	5
17	MP2C	Z	-3.582	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.002	5
19	MP2A	X	1.695	.5
20	MP2A	Z	-2.936	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	1.695	5
23	MP2A	Z	-2.936	5
24	MP2A	Mx	.003	5
25	MP2B	X	1.882	.5
26	MP2B	Z	-3.259	.5
27	MP2B	Mx	.000167	.5
28	MP2B	X	1.882	5
29	MP2B	Z	-3.259	5
30	MP2B	Mx	.000167	5
31	MP2C	X	2.068	.5
32	MP2C	Z	-3.582	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	2.068	5
35	MP2C	Z	-3.582	5
36	MP2C	Mx	-.003	5
37	MP3A	X	2.449	1.5
38	MP3A	Z	-4.241	1.5
39	MP3A	Mx	.000845	1.5
40	MP3A	X	2.449	4
41	MP3A	Z	-4.241	4
42	MP3A	Mx	.000845	4
43	MP3B	X	1.722	1.5
44	MP3B	Z	-2.982	1.5
45	MP3B	Mx	.002	1.5
46	MP3B	X	1.722	4
47	MP3B	Z	-2.982	4
48	MP3B	Mx	.002	4
49	MP3C	X	.994	1.5
50	MP3C	Z	-1.722	1.5
51	MP3C	Mx	-.001	1.5
52	MP3C	X	.994	4
53	MP3C	Z	-1.722	4
54	MP3C	Mx	-.001	4
55	OVP	X	5.221	1.5
56	OVP	Z	-9.043	1.5
57	OVP	Mx	.001	1.5
58	MP2A	X	1.981	2
59	MP2A	Z	-3.431	2
60	MP2A	Mx	.000513	2
61	MP2B	X	1.404	2
62	MP2B	Z	-2.431	2
63	MP2B	Mx	-.001	2
64	MP2C	X	1.578	2
65	MP2C	Z	-2.733	2
66	MP2C	Mx	.001	2
67	MP1A	X	1.964	2
68	MP1A	Z	-3.402	2
69	MP1A	Mx	.000508	2
70	MP1B	X	1.172	2
71	MP1B	Z	-2.03	2
72	MP1B	Mx	-.001	2
73	MP1C	X	1.412	2
74	MP1C	Z	-2.445	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP1C	Mx	.001	2
76	MP1C	X	4.713	.5
77	MP1C	Z	-8.164	.5
78	MP1C	Mx	-.01	.5
79	MP1C	X	4.713	5
80	MP1C	Z	-8.164	5
81	MP1C	Mx	-.01	5
82	MP4C	X	4.713	.5
83	MP4C	Z	-8.164	.5
84	MP4C	Mx	-.01	.5
85	MP4C	X	4.713	5
86	MP4C	Z	-8.164	5
87	MP4C	Mx	-.01	5
88	MP1A	X	3.017	.5
89	MP1A	Z	-5.226	.5
90	MP1A	Mx	-.002	.5
91	MP1A	X	3.017	5
92	MP1A	Z	-5.226	5
93	MP1A	Mx	-.002	5
94	MP1B	X	5.449	.5
95	MP1B	Z	-9.438	.5
96	MP1B	Mx	.014	.5
97	MP1B	X	5.449	5
98	MP1B	Z	-9.438	5
99	MP1B	Mx	.014	5
100	MP4A	X	3.017	.5
101	MP4A	Z	-5.226	.5
102	MP4A	Mx	-.002	.5
103	MP4A	X	3.017	5
104	MP4A	Z	-5.226	5
105	MP4A	Mx	-.002	5
106	MP4B	X	5.449	.5
107	MP4B	Z	-9.438	.5
108	MP4B	Mx	.014	.5
109	MP4B	X	5.449	5
110	MP4B	Z	-9.438	5
111	MP4B	Mx	.014	5
112	MP2B	X	.817	4
113	MP2B	Z	-1.416	4
114	MP2B	Mx	-.000289	4
115	MP2B	X	.817	4
116	MP2B	Z	-1.416	4
117	MP2B	Mx	-.000289	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.936	.5
2	MP2A	Z	-1.695	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	2.936	5
5	MP2A	Z	-1.695	5
6	MP2A	Mx	-.003	5
7	MP2B	X	3.582	.5
8	MP2B	Z	-2.068	.5
9	MP2B	Mx	.003	.5
10	MP2B	X	3.582	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	-2.068	5
12	MP2B	Mx	.003	5
13	MP2C	X	3.259	.5
14	MP2C	Z	-1.882	.5
15	MP2C	Mx	-.000167	.5
16	MP2C	X	3.259	5
17	MP2C	Z	-1.882	5
18	MP2C	Mx	-.000167	5
19	MP2A	X	2.936	.5
20	MP2A	Z	-1.695	.5
21	MP2A	Mx	.001	.5
22	MP2A	X	2.936	5
23	MP2A	Z	-1.695	5
24	MP2A	Mx	.001	5
25	MP2B	X	3.582	.5
26	MP2B	Z	-2.068	.5
27	MP2B	Mx	.002	.5
28	MP2B	X	3.582	5
29	MP2B	Z	-2.068	5
30	MP2B	Mx	.002	5
31	MP2C	X	3.259	.5
32	MP2C	Z	-1.882	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	3.259	5
35	MP2C	Z	-1.882	5
36	MP2C	Mx	-.003	5
37	MP3A	X	4.241	1.5
38	MP3A	Z	-2.449	1.5
39	MP3A	Mx	-.000845	1.5
40	MP3A	X	4.241	4
41	MP3A	Z	-2.449	4
42	MP3A	Mx	-.000845	4
43	MP3B	X	1.722	1.5
44	MP3B	Z	-.994	1.5
45	MP3B	Mx	.001	1.5
46	MP3B	X	1.722	4
47	MP3B	Z	-.994	4
48	MP3B	Mx	.001	4
49	MP3C	X	2.982	1.5
50	MP3C	Z	-1.722	1.5
51	MP3C	Mx	-.002	1.5
52	MP3C	X	2.982	4
53	MP3C	Z	-1.722	4
54	MP3C	Mx	-.002	4
55	OVP	X	8.099	1.5
56	OVP	Z	-4.676	1.5
57	OVP	Mx	.003	1.5
58	MP2A	X	2.931	2
59	MP2A	Z	-1.692	2
60	MP2A	Mx	.001	2
61	MP2B	X	2.431	2
62	MP2B	Z	-1.404	2
63	MP2B	Mx	-.001	2
64	MP2C	X	3.302	2
65	MP2C	Z	-1.906	2
66	MP2C	Mx	.000805	2
67	MP1A	X	2.716	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP1A	Z	-1.568	2
69	MP1A	Mx	.001	2
70	MP1B	X	2.03	2
71	MP1B	Z	-1.172	2
72	MP1B	Mx	-.001	2
73	MP1C	X	3.225	2
74	MP1C	Z	-1.862	2
75	MP1C	Mx	.000787	2
76	MP1C	X	5.768	.5
77	MP1C	Z	-3.33	.5
78	MP1C	Mx	-.004	.5
79	MP1C	X	5.768	5
80	MP1C	Z	-3.33	5
81	MP1C	Mx	-.004	5
82	MP4C	X	5.768	.5
83	MP4C	Z	-3.33	.5
84	MP4C	Mx	-.004	.5
85	MP4C	X	5.768	5
86	MP4C	Z	-3.33	5
87	MP4C	Mx	-.004	5
88	MP1A	X	7.332	.5
89	MP1A	Z	-4.233	.5
90	MP1A	Mx	-.008	.5
91	MP1A	X	7.332	5
92	MP1A	Z	-4.233	5
93	MP1A	Mx	-.008	5
94	MP1B	X	9.438	.5
95	MP1B	Z	-5.449	.5
96	MP1B	Mx	.014	.5
97	MP1B	X	9.438	5
98	MP1B	Z	-5.449	5
99	MP1B	Mx	.014	5
100	MP4A	X	7.332	.5
101	MP4A	Z	-4.233	.5
102	MP4A	Mx	-.008	.5
103	MP4A	X	7.332	5
104	MP4A	Z	-4.233	5
105	MP4A	Mx	-.008	5
106	MP4B	X	9.438	.5
107	MP4B	Z	-5.449	.5
108	MP4B	Mx	.014	.5
109	MP4B	X	9.438	5
110	MP4B	Z	-5.449	5
111	MP4B	Mx	.014	5
112	MP2B	X	.76	4
113	MP2B	Z	-.439	4
114	MP2B	Mx	-.000212	4
115	MP2B	X	.76	4
116	MP2B	Z	-.439	4
117	MP2B	Mx	-.000212	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.763	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	-.003	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	X	3.763	5
5	MP2A	Z	0	5
6	MP2A	Mx	-.003	5
7	MP2B	X	4.137	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	.002	.5
10	MP2B	X	4.137	5
11	MP2B	Z	0	5
12	MP2B	Mx	.002	5
13	MP2C	X	3.39	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	.001	.5
16	MP2C	X	3.39	5
17	MP2C	Z	0	5
18	MP2C	Mx	.001	5
19	MP2A	X	3.763	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	-.000166	.5
22	MP2A	X	3.763	5
23	MP2A	Z	0	5
24	MP2A	Mx	-.000166	5
25	MP2B	X	4.137	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	4.137	5
29	MP2B	Z	0	5
30	MP2B	Mx	.003	5
31	MP2C	X	3.39	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	-.003	.5
34	MP2C	X	3.39	5
35	MP2C	Z	0	5
36	MP2C	Mx	-.003	5
37	MP3A	X	3.443	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	-.002	1.5
40	MP3A	X	3.443	4
41	MP3A	Z	0	4
42	MP3A	Mx	-.002	4
43	MP3B	X	1.989	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	.001	1.5
46	MP3B	X	1.989	4
47	MP3B	Z	0	4
48	MP3B	Mx	.001	4
49	MP3C	X	4.897	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	-.000845	1.5
52	MP3C	X	4.897	4
53	MP3C	Z	0	4
54	MP3C	Mx	-.000845	4
55	OVP	X	8.263	1.5
56	OVP	Z	0	1.5
57	OVP	Mx	.004	1.5
58	MP2A	X	2.807	2
59	MP2A	Z	0	2
60	MP2A	Mx	.001	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2B	X	3.384	2
62	MP2B	Z	0	2
63	MP2B	Mx	-.001	2
64	MP2C	X	4.04	2
65	MP2C	Z	0	2
66	MP2C	Mx	-.000176	2
67	MP1A	X	2.344	2
68	MP1A	Z	0	2
69	MP1A	Mx	.001	2
70	MP1B	X	3.136	2
71	MP1B	Z	0	2
72	MP1B	Mx	-.001	2
73	MP1C	X	4.037	2
74	MP1C	Z	0	2
75	MP1C	Mx	-.000176	2
76	MP1C	X	5.7	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	.000642	.5
79	MP1C	X	5.7	5
80	MP1C	Z	0	5
81	MP1C	Mx	.000642	5
82	MP4C	X	5.7	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	.000642	.5
85	MP4C	X	5.7	5
86	MP4C	Z	0	5
87	MP4C	Mx	.000642	5
88	MP1A	X	10.898	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	-.014	.5
91	MP1A	X	10.898	5
92	MP1A	Z	0	5
93	MP1A	Mx	-.014	5
94	MP1B	X	8.466	.5
95	MP1B	Z	0	.5
96	MP1B	Mx	.008	.5
97	MP1B	X	8.466	5
98	MP1B	Z	0	5
99	MP1B	Mx	.008	5
100	MP4A	X	10.898	.5
101	MP4A	Z	0	.5
102	MP4A	Mx	-.014	.5
103	MP4A	X	10.898	5
104	MP4A	Z	0	5
105	MP4A	Mx	-.014	5
106	MP4B	X	8.466	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	.008	.5
109	MP4B	X	8.466	5
110	MP4B	Z	0	5
111	MP4B	Mx	.008	5
112	MP2B	X	.878	4
113	MP2B	Z	0	4
114	MP2B	Mx	-.000212	4
115	MP2B	X	.878	4
116	MP2B	Z	0	4
117	MP2B	Mx	-.000212	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.582	.5
2	MP2A	Z	2.068	.5
3	MP2A	Mx	-.003	.5
4	MP2A	X	3.582	5
5	MP2A	Z	2.068	5
6	MP2A	Mx	-.003	5
7	MP2B	X	3.259	.5
8	MP2B	Z	1.882	.5
9	MP2B	Mx	.000166	.5
10	MP2B	X	3.259	5
11	MP2B	Z	1.882	5
12	MP2B	Mx	.000166	5
13	MP2C	X	2.936	.5
14	MP2C	Z	1.695	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	2.936	5
17	MP2C	Z	1.695	5
18	MP2C	Mx	.003	5
19	MP2A	X	3.582	.5
20	MP2A	Z	2.068	.5
21	MP2A	Mx	-.002	.5
22	MP2A	X	3.582	5
23	MP2A	Z	2.068	5
24	MP2A	Mx	-.002	5
25	MP2B	X	3.259	.5
26	MP2B	Z	1.882	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	3.259	5
29	MP2B	Z	1.882	5
30	MP2B	Mx	.003	5
31	MP2C	X	2.936	.5
32	MP2C	Z	1.695	.5
33	MP2C	Mx	-.001	.5
34	MP2C	X	2.936	5
35	MP2C	Z	1.695	5
36	MP2C	Mx	-.001	5
37	MP3A	X	1.722	1.5
38	MP3A	Z	.994	1.5
39	MP3A	Mx	-.001	1.5
40	MP3A	X	1.722	4
41	MP3A	Z	.994	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.982	1.5
44	MP3B	Z	1.722	1.5
45	MP3B	Mx	.002	1.5
46	MP3B	X	2.982	4
47	MP3B	Z	1.722	4
48	MP3B	Mx	.002	4
49	MP3C	X	4.241	1.5
50	MP3C	Z	2.449	1.5
51	MP3C	Mx	.000845	1.5
52	MP3C	X	4.241	4
53	MP3C	Z	2.449	4
54	MP3C	Mx	.000845	4
55	OVP	X	7.156	1.5
56	OVP	Z	4.132	1.5
57	OVP	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	2.431	2
59	MP2A	Z	1.404	2
60	MP2A	Mx	.001	2
61	MP2B	X	3.431	2
62	MP2B	Z	1.981	2
63	MP2B	Mx	-.000513	2
64	MP2C	X	3.128	2
65	MP2C	Z	1.806	2
66	MP2C	Mx	-.001	2
67	MP1A	X	2.03	2
68	MP1A	Z	1.172	2
69	MP1A	Mx	.001	2
70	MP1B	X	3.402	2
71	MP1B	Z	1.964	2
72	MP1B	Mx	-.000508	2
73	MP1C	X	2.987	2
74	MP1C	Z	1.724	2
75	MP1C	Mx	-.000989	2
76	MP1C	X	6.5	.5
77	MP1C	Z	3.753	.5
78	MP1C	Mx	.006	.5
79	MP1C	X	6.5	5
80	MP1C	Z	3.753	5
81	MP1C	Mx	.006	5
82	MP4C	X	6.5	.5
83	MP4C	Z	3.753	.5
84	MP4C	Mx	.006	.5
85	MP4C	X	6.5	5
86	MP4C	Z	3.753	5
87	MP4C	Mx	.006	5
88	MP1A	X	9.438	.5
89	MP1A	Z	5.449	.5
90	MP1A	Mx	-.014	.5
91	MP1A	X	9.438	5
92	MP1A	Z	5.449	5
93	MP1A	Mx	-.014	5
94	MP1B	X	5.226	.5
95	MP1B	Z	3.017	.5
96	MP1B	Mx	.002	.5
97	MP1B	X	5.226	5
98	MP1B	Z	3.017	5
99	MP1B	Mx	.002	5
100	MP4A	X	9.438	.5
101	MP4A	Z	5.449	.5
102	MP4A	Mx	-.014	.5
103	MP4A	X	9.438	5
104	MP4A	Z	5.449	5
105	MP4A	Mx	-.014	5
106	MP4B	X	5.226	.5
107	MP4B	Z	3.017	.5
108	MP4B	Mx	.002	.5
109	MP4B	X	5.226	5
110	MP4B	Z	3.017	5
111	MP4B	Mx	.002	5
112	MP2B	X	1.416	4
113	MP2B	Z	.817	4
114	MP2B	Mx	-.000289	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP2B	X	1.416	4
116	MP2B	Z	.817	4
117	MP2B	Mx	-.000289	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.068	.5
2	MP2A	Z	3.582	.5
3	MP2A	Mx	-.002	.5
4	MP2A	X	2.068	5
5	MP2A	Z	3.582	5
6	MP2A	Mx	-.002	5
7	MP2B	X	1.695	.5
8	MP2B	Z	2.936	.5
9	MP2B	Mx	-.001	.5
10	MP2B	X	1.695	5
11	MP2B	Z	2.936	5
12	MP2B	Mx	-.001	5
13	MP2C	X	1.882	.5
14	MP2C	Z	3.259	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	1.882	5
17	MP2C	Z	3.259	5
18	MP2C	Mx	.003	5
19	MP2A	X	2.068	.5
20	MP2A	Z	3.582	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	2.068	5
23	MP2A	Z	3.582	5
24	MP2A	Mx	-.003	5
25	MP2B	X	1.695	.5
26	MP2B	Z	2.936	.5
27	MP2B	Mx	.003	.5
28	MP2B	X	1.695	5
29	MP2B	Z	2.936	5
30	MP2B	Mx	.003	5
31	MP2C	X	1.882	.5
32	MP2C	Z	3.259	.5
33	MP2C	Mx	.000166	.5
34	MP2C	X	1.882	5
35	MP2C	Z	3.259	5
36	MP2C	Mx	.000166	5
37	MP3A	X	.994	1.5
38	MP3A	Z	1.722	1.5
39	MP3A	Mx	-.001	1.5
40	MP3A	X	.994	4
41	MP3A	Z	1.722	4
42	MP3A	Mx	-.001	4
43	MP3B	X	2.449	1.5
44	MP3B	Z	4.241	1.5
45	MP3B	Mx	.000845	1.5
46	MP3B	X	2.449	4
47	MP3B	Z	4.241	4
48	MP3B	Mx	.000845	4
49	MP3C	X	1.722	1.5
50	MP3C	Z	2.982	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.002	1.5
52	MP3C	X	1.722	4
53	MP3C	Z	2.982	4
54	MP3C	Mx	.002	4
55	OVP	X	4.676	1.5
56	OVP	Z	8.099	1.5
57	OVP	Mx	.003	1.5
58	MP2A	X	1.692	2
59	MP2A	Z	2.931	2
60	MP2A	Mx	.001	2
61	MP2B	X	1.981	2
62	MP2B	Z	3.431	2
63	MP2B	Mx	.000513	2
64	MP2C	X	1.478	2
65	MP2C	Z	2.56	2
66	MP2C	Mx	-.001	2
67	MP1A	X	1.568	2
68	MP1A	Z	2.716	2
69	MP1A	Mx	.001	2
70	MP1B	X	1.964	2
71	MP1B	Z	3.402	2
72	MP1B	Mx	.000508	2
73	MP1C	X	1.274	2
74	MP1C	Z	2.207	2
75	MP1C	Mx	-.001	2
76	MP1C	X	5.136	.5
77	MP1C	Z	8.895	.5
78	MP1C	Mx	.012	.5
79	MP1C	X	5.136	5
80	MP1C	Z	8.895	5
81	MP1C	Mx	.012	5
82	MP4C	X	5.136	.5
83	MP4C	Z	8.895	.5
84	MP4C	Mx	.012	.5
85	MP4C	X	5.136	5
86	MP4C	Z	8.895	5
87	MP4C	Mx	.012	5
88	MP1A	X	4.233	.5
89	MP1A	Z	7.332	.5
90	MP1A	Mx	-.008	.5
91	MP1A	X	4.233	5
92	MP1A	Z	7.332	5
93	MP1A	Mx	-.008	5
94	MP1B	X	3.017	.5
95	MP1B	Z	5.226	.5
96	MP1B	Mx	-.002	.5
97	MP1B	X	3.017	5
98	MP1B	Z	5.226	5
99	MP1B	Mx	-.002	5
100	MP4A	X	4.233	.5
101	MP4A	Z	7.332	.5
102	MP4A	Mx	-.008	.5
103	MP4A	X	4.233	5
104	MP4A	Z	7.332	5
105	MP4A	Mx	-.008	5
106	MP4B	X	3.017	.5
107	MP4B	Z	5.226	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP4B	Mx	-.002	.5
109	MP4B	X	3.017	5
110	MP4B	Z	5.226	5
111	MP4B	Mx	-.002	5
112	MP2B	X	1.196	4
113	MP2B	Z	2.071	4
114	MP2B	Mx	-.000155	4
115	MP2B	X	1.196	4
116	MP2B	Z	2.071	4
117	MP2B	Mx	-.000155	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	.5
2	MP2A	Z	3.763	.5
3	MP2A	Mx	-.000166	.5
4	MP2A	X	0	5
5	MP2A	Z	3.763	5
6	MP2A	Mx	-.000166	5
7	MP2B	X	0	.5
8	MP2B	Z	3.39	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	0	5
11	MP2B	Z	3.39	5
12	MP2B	Mx	-.003	5
13	MP2C	X	0	.5
14	MP2C	Z	4.137	.5
15	MP2C	Mx	.003	.5
16	MP2C	X	0	5
17	MP2C	Z	4.137	5
18	MP2C	Mx	.003	5
19	MP2A	X	0	.5
20	MP2A	Z	3.763	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	0	5
23	MP2A	Z	3.763	5
24	MP2A	Mx	-.003	5
25	MP2B	X	0	.5
26	MP2B	Z	3.39	.5
27	MP2B	Mx	.001	.5
28	MP2B	X	0	5
29	MP2B	Z	3.39	5
30	MP2B	Mx	.001	5
31	MP2C	X	0	.5
32	MP2C	Z	4.137	.5
33	MP2C	Mx	.002	.5
34	MP2C	X	0	5
35	MP2C	Z	4.137	5
36	MP2C	Mx	.002	5
37	MP3A	X	0	1.5
38	MP3A	Z	3.443	1.5
39	MP3A	Mx	-.002	1.5
40	MP3A	X	0	4
41	MP3A	Z	3.443	4
42	MP3A	Mx	-.002	4
43	MP3B	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	4.897	1.5
45	MP3B	Mx	-.000845	1.5
46	MP3B	X	0	4
47	MP3B	Z	4.897	4
48	MP3B	Mx	-.000845	4
49	MP3C	X	0	1.5
50	MP3C	Z	1.989	1.5
51	MP3C	Mx	.001	1.5
52	MP3C	X	0	4
53	MP3C	Z	1.989	4
54	MP3C	Mx	.001	4
55	OVP	X	0	1.5
56	OVP	Z	10.441	1.5
57	OVP	Mx	.001	1.5
58	MP2A	X	0	2
59	MP2A	Z	3.961	2
60	MP2A	Mx	.000513	2
61	MP2B	X	0	2
62	MP2B	Z	3.384	2
63	MP2B	Mx	.001	2
64	MP2C	X	0	2
65	MP2C	Z	2.728	2
66	MP2C	Mx	-.001	2
67	MP1A	X	0	2
68	MP1A	Z	3.928	2
69	MP1A	Mx	.000508	2
70	MP1B	X	0	2
71	MP1B	Z	3.136	2
72	MP1B	Mx	.001	2
73	MP1C	X	0	2
74	MP1C	Z	2.235	2
75	MP1C	Mx	-.001	2
76	MP1C	X	0	.5
77	MP1C	Z	11.232	.5
78	MP1C	Mx	.014	.5
79	MP1C	X	0	5
80	MP1C	Z	11.232	5
81	MP1C	Mx	.014	5
82	MP4C	X	0	.5
83	MP4C	Z	11.232	.5
84	MP4C	Mx	.014	.5
85	MP4C	X	0	5
86	MP4C	Z	11.232	5
87	MP4C	Mx	.014	5
88	MP1A	X	0	.5
89	MP1A	Z	6.034	.5
90	MP1A	Mx	-.002	.5
91	MP1A	X	0	5
92	MP1A	Z	6.034	5
93	MP1A	Mx	-.002	5
94	MP1B	X	0	.5
95	MP1B	Z	8.466	.5
96	MP1B	Mx	-.008	.5
97	MP1B	X	0	5
98	MP1B	Z	8.466	5
99	MP1B	Mx	-.008	5
100	MP4A	X	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4A	Z	6.034	.5
102	MP4A	Mx	-.002	.5
103	MP4A	X	0	5
104	MP4A	Z	6.034	5
105	MP4A	Mx	-.002	5
106	MP4B	X	0	.5
107	MP4B	Z	8.466	.5
108	MP4B	Mx	-.008	.5
109	MP4B	X	0	5
110	MP4B	Z	8.466	5
111	MP4B	Mx	-.008	5
112	MP2B	X	0	4
113	MP2B	Z	2.392	4
114	MP2B	Mx	.000155	4
115	MP2B	X	0	4
116	MP2B	Z	2.392	4
117	MP2B	Mx	.000155	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.695	.5
2	MP2A	Z	2.936	.5
3	MP2A	Mx	.001	.5
4	MP2A	X	-1.695	5
5	MP2A	Z	2.936	5
6	MP2A	Mx	.001	5
7	MP2B	X	-1.882	.5
8	MP2B	Z	3.259	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	-1.882	5
11	MP2B	Z	3.259	5
12	MP2B	Mx	-.003	5
13	MP2C	X	-2.068	.5
14	MP2C	Z	3.582	.5
15	MP2C	Mx	.002	.5
16	MP2C	X	-2.068	5
17	MP2C	Z	3.582	5
18	MP2C	Mx	.002	5
19	MP2A	X	-1.695	.5
20	MP2A	Z	2.936	.5
21	MP2A	Mx	-.003	.5
22	MP2A	X	-1.695	5
23	MP2A	Z	2.936	5
24	MP2A	Mx	-.003	5
25	MP2B	X	-1.882	.5
26	MP2B	Z	3.259	.5
27	MP2B	Mx	-.000167	.5
28	MP2B	X	-1.882	5
29	MP2B	Z	3.259	5
30	MP2B	Mx	-.000167	5
31	MP2C	X	-2.068	.5
32	MP2C	Z	3.582	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	-2.068	5
35	MP2C	Z	3.582	5
36	MP2C	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	-2.449	1.5
38	MP3A	Z	4.241	1.5
39	MP3A	Mx	-.000845	1.5
40	MP3A	X	-2.449	4
41	MP3A	Z	4.241	4
42	MP3A	Mx	-.000845	4
43	MP3B	X	-1.722	1.5
44	MP3B	Z	2.982	1.5
45	MP3B	Mx	-.002	1.5
46	MP3B	X	-1.722	4
47	MP3B	Z	2.982	4
48	MP3B	Mx	-.002	4
49	MP3C	X	-.994	1.5
50	MP3C	Z	1.722	1.5
51	MP3C	Mx	.001	1.5
52	MP3C	X	-.994	4
53	MP3C	Z	1.722	4
54	MP3C	Mx	.001	4
55	OVP	X	-5.221	1.5
56	OVP	Z	9.043	1.5
57	OVP	Mx	-.001	1.5
58	MP2A	X	-1.981	2
59	MP2A	Z	3.431	2
60	MP2A	Mx	-.000513	2
61	MP2B	X	-1.404	2
62	MP2B	Z	2.431	2
63	MP2B	Mx	.001	2
64	MP2C	X	-1.578	2
65	MP2C	Z	2.733	2
66	MP2C	Mx	-.001	2
67	MP1A	X	-1.964	2
68	MP1A	Z	3.402	2
69	MP1A	Mx	-.000508	2
70	MP1B	X	-1.172	2
71	MP1B	Z	2.03	2
72	MP1B	Mx	.001	2
73	MP1C	X	-1.412	2
74	MP1C	Z	2.445	2
75	MP1C	Mx	-.001	2
76	MP1C	X	-4.713	.5
77	MP1C	Z	8.164	.5
78	MP1C	Mx	.01	.5
79	MP1C	X	-4.713	5
80	MP1C	Z	8.164	5
81	MP1C	Mx	.01	5
82	MP4C	X	-4.713	.5
83	MP4C	Z	8.164	.5
84	MP4C	Mx	.01	.5
85	MP4C	X	-4.713	5
86	MP4C	Z	8.164	5
87	MP4C	Mx	.01	5
88	MP1A	X	-3.017	.5
89	MP1A	Z	5.226	.5
90	MP1A	Mx	.002	.5
91	MP1A	X	-3.017	5
92	MP1A	Z	5.226	5
93	MP1A	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1B	X	-5.449	.5
95	MP1B	Z	9.438	.5
96	MP1B	Mx	-.014	.5
97	MP1B	X	-5.449	5
98	MP1B	Z	9.438	5
99	MP1B	Mx	-.014	5
100	MP4A	X	-3.017	.5
101	MP4A	Z	5.226	.5
102	MP4A	Mx	.002	.5
103	MP4A	X	-3.017	5
104	MP4A	Z	5.226	5
105	MP4A	Mx	.002	5
106	MP4B	X	-5.449	.5
107	MP4B	Z	9.438	.5
108	MP4B	Mx	-.014	.5
109	MP4B	X	-5.449	5
110	MP4B	Z	9.438	5
111	MP4B	Mx	-.014	5
112	MP2B	X	-.817	4
113	MP2B	Z	1.416	4
114	MP2B	Mx	.000289	4
115	MP2B	X	-.817	4
116	MP2B	Z	1.416	4
117	MP2B	Mx	.000289	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.936	.5
2	MP2A	Z	1.695	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-2.936	5
5	MP2A	Z	1.695	5
6	MP2A	Mx	.003	5
7	MP2B	X	-3.582	.5
8	MP2B	Z	2.068	.5
9	MP2B	Mx	-.003	.5
10	MP2B	X	-3.582	5
11	MP2B	Z	2.068	5
12	MP2B	Mx	-.003	5
13	MP2C	X	-3.259	.5
14	MP2C	Z	1.882	.5
15	MP2C	Mx	.000167	.5
16	MP2C	X	-3.259	5
17	MP2C	Z	1.882	5
18	MP2C	Mx	.000167	5
19	MP2A	X	-2.936	.5
20	MP2A	Z	1.695	.5
21	MP2A	Mx	-.001	.5
22	MP2A	X	-2.936	5
23	MP2A	Z	1.695	5
24	MP2A	Mx	-.001	5
25	MP2B	X	-3.582	.5
26	MP2B	Z	2.068	.5
27	MP2B	Mx	-.002	.5
28	MP2B	X	-3.582	5
29	MP2B	Z	2.068	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2B	Mx	-.002	5
31	MP2C	X	-3.259	.5
32	MP2C	Z	1.882	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	-3.259	5
35	MP2C	Z	1.882	5
36	MP2C	Mx	.003	5
37	MP3A	X	-4.241	1.5
38	MP3A	Z	2.449	1.5
39	MP3A	Mx	.000845	1.5
40	MP3A	X	-4.241	4
41	MP3A	Z	2.449	4
42	MP3A	Mx	.000845	4
43	MP3B	X	-1.722	1.5
44	MP3B	Z	.994	1.5
45	MP3B	Mx	-.001	1.5
46	MP3B	X	-1.722	4
47	MP3B	Z	.994	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-2.982	1.5
50	MP3C	Z	1.722	1.5
51	MP3C	Mx	.002	1.5
52	MP3C	X	-2.982	4
53	MP3C	Z	1.722	4
54	MP3C	Mx	.002	4
55	OVP	X	-8.099	1.5
56	OVP	Z	4.676	1.5
57	OVP	Mx	-.003	1.5
58	MP2A	X	-2.931	2
59	MP2A	Z	1.692	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-2.431	2
62	MP2B	Z	1.404	2
63	MP2B	Mx	.001	2
64	MP2C	X	-3.302	2
65	MP2C	Z	1.906	2
66	MP2C	Mx	-.000805	2
67	MP1A	X	-2.716	2
68	MP1A	Z	1.568	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-2.03	2
71	MP1B	Z	1.172	2
72	MP1B	Mx	.001	2
73	MP1C	X	-3.225	2
74	MP1C	Z	1.862	2
75	MP1C	Mx	-.000787	2
76	MP1C	X	-5.768	.5
77	MP1C	Z	3.33	.5
78	MP1C	Mx	.004	.5
79	MP1C	X	-5.768	5
80	MP1C	Z	3.33	5
81	MP1C	Mx	.004	5
82	MP4C	X	-5.768	.5
83	MP4C	Z	3.33	.5
84	MP4C	Mx	.004	.5
85	MP4C	X	-5.768	5
86	MP4C	Z	3.33	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP4C	Mx	.004	5
88	MP1A	X	-7.332	.5
89	MP1A	Z	4.233	.5
90	MP1A	Mx	.008	.5
91	MP1A	X	-7.332	5
92	MP1A	Z	4.233	5
93	MP1A	Mx	.008	5
94	MP1B	X	-9.438	.5
95	MP1B	Z	5.449	.5
96	MP1B	Mx	-.014	.5
97	MP1B	X	-9.438	5
98	MP1B	Z	5.449	5
99	MP1B	Mx	-.014	5
100	MP4A	X	-7.332	.5
101	MP4A	Z	4.233	.5
102	MP4A	Mx	.008	.5
103	MP4A	X	-7.332	5
104	MP4A	Z	4.233	5
105	MP4A	Mx	.008	5
106	MP4B	X	-9.438	.5
107	MP4B	Z	5.449	.5
108	MP4B	Mx	-.014	.5
109	MP4B	X	-9.438	5
110	MP4B	Z	5.449	5
111	MP4B	Mx	-.014	5
112	MP2B	X	-.76	4
113	MP2B	Z	.439	4
114	MP2B	Mx	.000212	4
115	MP2B	X	-.76	4
116	MP2B	Z	.439	4
117	MP2B	Mx	.000212	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.763	.5
2	MP2A	Z	0	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-3.763	5
5	MP2A	Z	0	5
6	MP2A	Mx	.003	5
7	MP2B	X	-4.137	.5
8	MP2B	Z	0	.5
9	MP2B	Mx	-.002	.5
10	MP2B	X	-4.137	5
11	MP2B	Z	0	5
12	MP2B	Mx	-.002	5
13	MP2C	X	-3.39	.5
14	MP2C	Z	0	.5
15	MP2C	Mx	-.001	.5
16	MP2C	X	-3.39	5
17	MP2C	Z	0	5
18	MP2C	Mx	-.001	5
19	MP2A	X	-3.763	.5
20	MP2A	Z	0	.5
21	MP2A	Mx	.000166	.5
22	MP2A	X	-3.763	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	0	5
24	MP2A	Mx	.000166	5
25	MP2B	X	-4.137	.5
26	MP2B	Z	0	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	-4.137	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-3.39	.5
32	MP2C	Z	0	.5
33	MP2C	Mx	.003	.5
34	MP2C	X	-3.39	5
35	MP2C	Z	0	5
36	MP2C	Mx	.003	5
37	MP3A	X	-3.443	1.5
38	MP3A	Z	0	1.5
39	MP3A	Mx	.002	1.5
40	MP3A	X	-3.443	4
41	MP3A	Z	0	4
42	MP3A	Mx	.002	4
43	MP3B	X	-1.989	1.5
44	MP3B	Z	0	1.5
45	MP3B	Mx	-.001	1.5
46	MP3B	X	-1.989	4
47	MP3B	Z	0	4
48	MP3B	Mx	-.001	4
49	MP3C	X	-4.897	1.5
50	MP3C	Z	0	1.5
51	MP3C	Mx	.000845	1.5
52	MP3C	X	-4.897	4
53	MP3C	Z	0	4
54	MP3C	Mx	.000845	4
55	OVP	X	-8.263	1.5
56	OVP	Z	0	1.5
57	OVP	Mx	-.004	1.5
58	MP2A	X	-2.807	2
59	MP2A	Z	0	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-3.384	2
62	MP2B	Z	0	2
63	MP2B	Mx	.001	2
64	MP2C	X	-4.04	2
65	MP2C	Z	0	2
66	MP2C	Mx	.000176	2
67	MP1A	X	-2.344	2
68	MP1A	Z	0	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-3.136	2
71	MP1B	Z	0	2
72	MP1B	Mx	.001	2
73	MP1C	X	-4.037	2
74	MP1C	Z	0	2
75	MP1C	Mx	.000176	2
76	MP1C	X	-5.7	.5
77	MP1C	Z	0	.5
78	MP1C	Mx	-.000642	.5
79	MP1C	X	-5.7	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1C	Z	0	5
81	MP1C	Mx	-.000642	5
82	MP4C	X	-5.7	.5
83	MP4C	Z	0	.5
84	MP4C	Mx	-.000642	.5
85	MP4C	X	-5.7	5
86	MP4C	Z	0	5
87	MP4C	Mx	-.000642	5
88	MP1A	X	-10.898	.5
89	MP1A	Z	0	.5
90	MP1A	Mx	.014	.5
91	MP1A	X	-10.898	5
92	MP1A	Z	0	5
93	MP1A	Mx	.014	5
94	MP1B	X	-8.466	.5
95	MP1B	Z	0	.5
96	MP1B	Mx	-.008	.5
97	MP1B	X	-8.466	5
98	MP1B	Z	0	5
99	MP1B	Mx	-.008	5
100	MP4A	X	-10.898	.5
101	MP4A	Z	0	.5
102	MP4A	Mx	.014	.5
103	MP4A	X	-10.898	5
104	MP4A	Z	0	5
105	MP4A	Mx	.014	5
106	MP4B	X	-8.466	.5
107	MP4B	Z	0	.5
108	MP4B	Mx	-.008	.5
109	MP4B	X	-8.466	5
110	MP4B	Z	0	5
111	MP4B	Mx	-.008	5
112	MP2B	X	-.878	4
113	MP2B	Z	0	4
114	MP2B	Mx	.000212	4
115	MP2B	X	-.878	4
116	MP2B	Z	0	4
117	MP2B	Mx	.000212	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-3.582	.5
2	MP2A	Z	-2.068	.5
3	MP2A	Mx	.003	.5
4	MP2A	X	-3.582	5
5	MP2A	Z	-2.068	5
6	MP2A	Mx	.003	5
7	MP2B	X	-3.259	.5
8	MP2B	Z	-1.882	.5
9	MP2B	Mx	-.000166	.5
10	MP2B	X	-3.259	5
11	MP2B	Z	-1.882	5
12	MP2B	Mx	-.000166	5
13	MP2C	X	-2.936	.5
14	MP2C	Z	-1.695	.5
15	MP2C	Mx	-.003	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP2C	X	-2.936	5
17	MP2C	Z	-1.695	5
18	MP2C	Mx	-.003	5
19	MP2A	X	-3.582	.5
20	MP2A	Z	-2.068	.5
21	MP2A	Mx	.002	.5
22	MP2A	X	-3.582	5
23	MP2A	Z	-2.068	5
24	MP2A	Mx	.002	5
25	MP2B	X	-3.259	.5
26	MP2B	Z	-1.882	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	-3.259	5
29	MP2B	Z	-1.882	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-2.936	.5
32	MP2C	Z	-1.695	.5
33	MP2C	Mx	.001	.5
34	MP2C	X	-2.936	5
35	MP2C	Z	-1.695	5
36	MP2C	Mx	.001	5
37	MP3A	X	-1.722	1.5
38	MP3A	Z	-.994	1.5
39	MP3A	Mx	.001	1.5
40	MP3A	X	-1.722	4
41	MP3A	Z	-.994	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.982	1.5
44	MP3B	Z	-1.722	1.5
45	MP3B	Mx	-.002	1.5
46	MP3B	X	-2.982	4
47	MP3B	Z	-1.722	4
48	MP3B	Mx	-.002	4
49	MP3C	X	-4.241	1.5
50	MP3C	Z	-2.449	1.5
51	MP3C	Mx	-.000845	1.5
52	MP3C	X	-4.241	4
53	MP3C	Z	-2.449	4
54	MP3C	Mx	-.000845	4
55	OVP	X	-7.156	1.5
56	OVP	Z	-4.132	1.5
57	OVP	Mx	-.004	1.5
58	MP2A	X	-2.431	2
59	MP2A	Z	-1.404	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-3.431	2
62	MP2B	Z	-1.981	2
63	MP2B	Mx	.000513	2
64	MP2C	X	-3.128	2
65	MP2C	Z	-1.806	2
66	MP2C	Mx	.001	2
67	MP1A	X	-2.03	2
68	MP1A	Z	-1.172	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-3.402	2
71	MP1B	Z	-1.964	2
72	MP1B	Mx	.000508	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP1C	X	-2.987	2
74	MP1C	Z	-1.724	2
75	MP1C	Mx	.000989	2
76	MP1C	X	-6.5	.5
77	MP1C	Z	-3.753	.5
78	MP1C	Mx	-.006	.5
79	MP1C	X	-6.5	5
80	MP1C	Z	-3.753	5
81	MP1C	Mx	-.006	5
82	MP4C	X	-6.5	.5
83	MP4C	Z	-3.753	.5
84	MP4C	Mx	-.006	.5
85	MP4C	X	-6.5	5
86	MP4C	Z	-3.753	5
87	MP4C	Mx	-.006	5
88	MP1A	X	-9.438	.5
89	MP1A	Z	-5.449	.5
90	MP1A	Mx	.014	.5
91	MP1A	X	-9.438	5
92	MP1A	Z	-5.449	5
93	MP1A	Mx	.014	5
94	MP1B	X	-5.226	.5
95	MP1B	Z	-3.017	.5
96	MP1B	Mx	-.002	.5
97	MP1B	X	-5.226	5
98	MP1B	Z	-3.017	5
99	MP1B	Mx	-.002	5
100	MP4A	X	-9.438	.5
101	MP4A	Z	-5.449	.5
102	MP4A	Mx	.014	.5
103	MP4A	X	-9.438	5
104	MP4A	Z	-5.449	5
105	MP4A	Mx	.014	5
106	MP4B	X	-5.226	.5
107	MP4B	Z	-3.017	.5
108	MP4B	Mx	-.002	.5
109	MP4B	X	-5.226	5
110	MP4B	Z	-3.017	5
111	MP4B	Mx	-.002	5
112	MP2B	X	-1.416	4
113	MP2B	Z	-.817	4
114	MP2B	Mx	.000289	4
115	MP2B	X	-1.416	4
116	MP2B	Z	-.817	4
117	MP2B	Mx	.000289	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.068	.5
2	MP2A	Z	-3.582	.5
3	MP2A	Mx	.002	.5
4	MP2A	X	-2.068	5
5	MP2A	Z	-3.582	5
6	MP2A	Mx	.002	5
7	MP2B	X	-1.695	.5
8	MP2B	Z	-2.936	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.001	.5
10	MP2B	X	-1.695	5
11	MP2B	Z	-2.936	5
12	MP2B	Mx	.001	5
13	MP2C	X	-1.882	.5
14	MP2C	Z	-3.259	.5
15	MP2C	Mx	-.003	.5
16	MP2C	X	-1.882	5
17	MP2C	Z	-3.259	5
18	MP2C	Mx	-.003	5
19	MP2A	X	-2.068	.5
20	MP2A	Z	-3.582	.5
21	MP2A	Mx	.003	.5
22	MP2A	X	-2.068	5
23	MP2A	Z	-3.582	5
24	MP2A	Mx	.003	5
25	MP2B	X	-1.695	.5
26	MP2B	Z	-2.936	.5
27	MP2B	Mx	-.003	.5
28	MP2B	X	-1.695	5
29	MP2B	Z	-2.936	5
30	MP2B	Mx	-.003	5
31	MP2C	X	-1.882	.5
32	MP2C	Z	-3.259	.5
33	MP2C	Mx	-.000166	.5
34	MP2C	X	-1.882	5
35	MP2C	Z	-3.259	5
36	MP2C	Mx	-.000166	5
37	MP3A	X	-.994	1.5
38	MP3A	Z	-1.722	1.5
39	MP3A	Mx	.001	1.5
40	MP3A	X	-.994	4
41	MP3A	Z	-1.722	4
42	MP3A	Mx	.001	4
43	MP3B	X	-2.449	1.5
44	MP3B	Z	-4.241	1.5
45	MP3B	Mx	-.000845	1.5
46	MP3B	X	-2.449	4
47	MP3B	Z	-4.241	4
48	MP3B	Mx	-.000845	4
49	MP3C	X	-1.722	1.5
50	MP3C	Z	-2.982	1.5
51	MP3C	Mx	-.002	1.5
52	MP3C	X	-1.722	4
53	MP3C	Z	-2.982	4
54	MP3C	Mx	-.002	4
55	OVP	X	-4.676	1.5
56	OVP	Z	-8.099	1.5
57	OVP	Mx	-.003	1.5
58	MP2A	X	-1.692	2
59	MP2A	Z	-2.931	2
60	MP2A	Mx	-.001	2
61	MP2B	X	-1.981	2
62	MP2B	Z	-3.431	2
63	MP2B	Mx	-.000513	2
64	MP2C	X	-1.478	2
65	MP2C	Z	-2.56	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2C	Mx	.001	2
67	MP1A	X	-1.568	2
68	MP1A	Z	-2.716	2
69	MP1A	Mx	-.001	2
70	MP1B	X	-1.964	2
71	MP1B	Z	-3.402	2
72	MP1B	Mx	-.000508	2
73	MP1C	X	-1.274	2
74	MP1C	Z	-2.207	2
75	MP1C	Mx	.001	2
76	MP1C	X	-5.136	.5
77	MP1C	Z	-8.895	.5
78	MP1C	Mx	-.012	.5
79	MP1C	X	-5.136	5
80	MP1C	Z	-8.895	5
81	MP1C	Mx	-.012	5
82	MP4C	X	-5.136	.5
83	MP4C	Z	-8.895	.5
84	MP4C	Mx	-.012	.5
85	MP4C	X	-5.136	5
86	MP4C	Z	-8.895	5
87	MP4C	Mx	-.012	5
88	MP1A	X	-4.233	.5
89	MP1A	Z	-7.332	.5
90	MP1A	Mx	.008	.5
91	MP1A	X	-4.233	5
92	MP1A	Z	-7.332	5
93	MP1A	Mx	.008	5
94	MP1B	X	-3.017	.5
95	MP1B	Z	-5.226	.5
96	MP1B	Mx	.002	.5
97	MP1B	X	-3.017	5
98	MP1B	Z	-5.226	5
99	MP1B	Mx	.002	5
100	MP4A	X	-4.233	.5
101	MP4A	Z	-7.332	.5
102	MP4A	Mx	.008	.5
103	MP4A	X	-4.233	5
104	MP4A	Z	-7.332	5
105	MP4A	Mx	.008	5
106	MP4B	X	-3.017	.5
107	MP4B	Z	-5.226	.5
108	MP4B	Mx	.002	.5
109	MP4B	X	-3.017	5
110	MP4B	Z	-5.226	5
111	MP4B	Mx	.002	5
112	MP2B	X	-1.196	4
113	MP2B	Z	-2.071	4
114	MP2B	Mx	.000155	4
115	MP2B	X	-1.196	4
116	MP2B	Z	-2.071	4
117	MP2B	Mx	.000155	4

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M18	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M19	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M14	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M14	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-1.457	.5
2	MP2A	My	-.001	.5
3	MP2A	Mz	-6.4e-5	.5
4	MP2A	Y	-1.457	5
5	MP2A	My	-.001	5
6	MP2A	Mz	-6.4e-5	5
7	MP2B	Y	-1.457	.5
8	MP2B	My	.000711	.5
9	MP2B	Mz	-.001	.5
10	MP2B	Y	-1.457	5
11	MP2B	My	.000711	5
12	MP2B	Mz	-.001	5
13	MP2C	Y	-1.457	.5
14	MP2C	My	.000599	.5
15	MP2C	Mz	.001	.5
16	MP2C	Y	-1.457	5
17	MP2C	My	.000599	5
18	MP2C	Mz	.001	5
19	MP2A	Y	-1.457	.5
20	MP2A	My	-6.4e-5	.5
21	MP2A	Mz	-.001	.5
22	MP2A	Y	-1.457	5
23	MP2A	My	-6.4e-5	5
24	MP2A	Mz	-.001	5
25	MP2B	Y	-1.457	.5
26	MP2B	My	.001	.5
27	MP2B	Mz	.000599	.5
28	MP2B	Y	-1.457	5
29	MP2B	My	.001	5
30	MP2B	Mz	.000599	5
31	MP2C	Y	-1.457	.5
32	MP2C	My	-.001	.5
33	MP2C	Mz	.000711	.5
34	MP2C	Y	-1.457	5
35	MP2C	My	-.001	5
36	MP2C	Mz	.000711	5
37	MP3A	Y	-1.84	1.5
38	MP3A	My	-.000867	1.5
39	MP3A	Mz	-.000867	1.5
40	MP3A	Y	-1.84	4
41	MP3A	My	-.000867	4
42	MP3A	Mz	-.000867	4
43	MP3B	Y	-1.84	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	My	.001	1.5
45	MP3B	Mz	-.000317	1.5
46	MP3B	Y	-1.84	4
47	MP3B	My	.001	4
48	MP3B	Mz	-.000317	4
49	MP3C	Y	-1.84	1.5
50	MP3C	My	-.000317	1.5
51	MP3C	Mz	.001	1.5
52	MP3C	Y	-1.84	4
53	MP3C	My	-.000317	4
54	MP3C	Mz	.001	4
55	OVP	Y	-1.352	1.5
56	OVP	My	.000653	1.5
57	OVP	Mz	.000175	1.5
58	MP2A	Y	-3.565	2
59	MP2A	My	.002	2
60	MP2A	Mz	.000461	2
61	MP2B	Y	-3.565	2
62	MP2B	My	-.001	2
63	MP2B	Mz	.001	2
64	MP2C	Y	-3.565	2
65	MP2C	My	-.000155	2
66	MP2C	Mz	-.002	2
67	MP1A	Y	-2.969	2
68	MP1A	My	.001	2
69	MP1A	Mz	.000384	2
70	MP1B	Y	-2.969	2
71	MP1B	My	-.001	2
72	MP1B	Mz	.001	2
73	MP1C	Y	-2.969	2
74	MP1C	My	-.000129	2
75	MP1C	Mz	-.001	2
76	MP1C	Y	-.444	.5
77	MP1C	My	5e-5	.5
78	MP1C	Mz	.000571	.5
79	MP1C	Y	-.444	5
80	MP1C	My	5e-5	5
81	MP1C	Mz	.000571	5
82	MP4C	Y	-.444	.5
83	MP4C	My	5e-5	.5
84	MP4C	Mz	.000571	.5
85	MP4C	Y	-.444	5
86	MP4C	My	5e-5	5
87	MP4C	Mz	.000571	5
88	MP1A	Y	-.444	.5
89	MP1A	My	-.000553	.5
90	MP1A	Mz	-.000148	.5
91	MP1A	Y	-.444	5
92	MP1A	My	-.000553	5
93	MP1A	Mz	-.000148	5
94	MP1B	Y	-.444	.5
95	MP1B	My	.000405	.5
96	MP1B	Mz	-.000405	.5
97	MP1B	Y	-.444	5
98	MP1B	My	.000405	5
99	MP1B	Mz	-.000405	5
100	MP4A	Y	-.444	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP4A	My	-.000553	.5
102	MP4A	Mz	-.000148	.5
103	MP4A	Y	-.444	5
104	MP4A	My	-.000553	5
105	MP4A	Mz	-.000148	5
106	MP4B	Y	-.444	.5
107	MP4B	My	.000405	.5
108	MP4B	Mz	-.000405	.5
109	MP4B	Y	-.444	5
110	MP4B	My	.000405	5
111	MP4B	Mz	-.000405	5
112	MP2B	Y	-.743	4
113	MP2B	My	-.00018	4
114	MP2B	Mz	4.8e-5	4
115	MP2B	Y	-.743	4
116	MP2B	My	-.00018	4
117	MP2B	Mz	4.8e-5	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-3.643	.5
2	MP2A	Mx	.000161	.5
3	MP2A	Z	-3.643	5
4	MP2A	Mx	.000161	5
5	MP2B	Z	-3.643	.5
6	MP2B	Mx	.003	.5
7	MP2B	Z	-3.643	5
8	MP2B	Mx	.003	5
9	MP2C	Z	-3.643	.5
10	MP2C	Mx	-.003	.5
11	MP2C	Z	-3.643	5
12	MP2C	Mx	-.003	5
13	MP2A	Z	-3.643	.5
14	MP2A	Mx	.003	.5
15	MP2A	Z	-3.643	5
16	MP2A	Mx	.003	5
17	MP2B	Z	-3.643	.5
18	MP2B	Mx	-.001	.5
19	MP2B	Z	-3.643	5
20	MP2B	Mx	-.001	5
21	MP2C	Z	-3.643	.5
22	MP2C	Mx	-.002	.5
23	MP2C	Z	-3.643	5
24	MP2C	Mx	-.002	5
25	MP3A	Z	-4.599	1.5
26	MP3A	Mx	.002	1.5
27	MP3A	Z	-4.599	4
28	MP3A	Mx	.002	4
29	MP3B	Z	-4.599	1.5
30	MP3B	Mx	.000794	1.5
31	MP3B	Z	-4.599	4
32	MP3B	Mx	.000794	4
33	MP3C	Z	-4.599	1.5
34	MP3C	Mx	-.003	1.5
35	MP3C	Z	-4.599	4
36	MP3C	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	OVP	Z	-3.379	1.5
38	OVP	Mx	-.000437	1.5
39	MP2A	Z	-8.913	2
40	MP2A	Mx	-.001	2
41	MP2B	Z	-8.913	2
42	MP2B	Mx	-.003	2
43	MP2C	Z	-8.913	2
44	MP2C	Mx	.004	2
45	MP1A	Z	-7.424	2
46	MP1A	Mx	-.000961	2
47	MP1B	Z	-7.424	2
48	MP1B	Mx	-.003	2
49	MP1C	Z	-7.424	2
50	MP1C	Mx	.004	2
51	MP1C	Z	-1.109	.5
52	MP1C	Mx	-.001	.5
53	MP1C	Z	-1.109	5
54	MP1C	Mx	-.001	5
55	MP4C	Z	-1.109	.5
56	MP4C	Mx	-.001	.5
57	MP4C	Z	-1.109	5
58	MP4C	Mx	-.001	5
59	MP1A	Z	-1.109	.5
60	MP1A	Mx	.000371	.5
61	MP1A	Z	-1.109	5
62	MP1A	Mx	.000371	5
63	MP1B	Z	-1.109	.5
64	MP1B	Mx	.001	.5
65	MP1B	Z	-1.109	5
66	MP1B	Mx	.001	5
67	MP4A	Z	-1.109	.5
68	MP4A	Mx	.000371	.5
69	MP4A	Z	-1.109	5
70	MP4A	Mx	.000371	5
71	MP4B	Z	-1.109	.5
72	MP4B	Mx	.001	.5
73	MP4B	Z	-1.109	5
74	MP4B	Mx	.001	5
75	MP2B	Z	-1.859	4
76	MP2B	Mx	-.00012	4
77	MP2B	Z	-1.859	4
78	MP2B	Mx	-.00012	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.643	.5
2	MP2A	Mx	-.003	.5
3	MP2A	X	3.643	5
4	MP2A	Mx	-.003	5
5	MP2B	X	3.643	.5
6	MP2B	Mx	.002	.5
7	MP2B	X	3.643	5
8	MP2B	Mx	.002	5
9	MP2C	X	3.643	.5
10	MP2C	Mx	.001	.5
11	MP2C	X	3.643	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2C	Mx	.001	5
13	MP2A	X	3.643	.5
14	MP2A	Mx	-.000161	.5
15	MP2A	X	3.643	5
16	MP2A	Mx	-.000161	5
17	MP2B	X	3.643	.5
18	MP2B	Mx	.003	.5
19	MP2B	X	3.643	5
20	MP2B	Mx	.003	5
21	MP2C	X	3.643	.5
22	MP2C	Mx	-.003	.5
23	MP2C	X	3.643	5
24	MP2C	Mx	-.003	5
25	MP3A	X	4.599	1.5
26	MP3A	Mx	-.002	1.5
27	MP3A	X	4.599	4
28	MP3A	Mx	-.002	4
29	MP3B	X	4.599	1.5
30	MP3B	Mx	.003	1.5
31	MP3B	X	4.599	4
32	MP3B	Mx	.003	4
33	MP3C	X	4.599	1.5
34	MP3C	Mx	-.000794	1.5
35	MP3C	X	4.599	4
36	MP3C	Mx	-.000794	4
37	OVP	X	3.379	1.5
38	OVP	Mx	.002	1.5
39	MP2A	X	8.913	2
40	MP2A	Mx	.004	2
41	MP2B	X	8.913	2
42	MP2B	Mx	-.003	2
43	MP2C	X	8.913	2
44	MP2C	Mx	-.000388	2
45	MP1A	X	7.424	2
46	MP1A	Mx	.004	2
47	MP1B	X	7.424	2
48	MP1B	Mx	-.003	2
49	MP1C	X	7.424	2
50	MP1C	Mx	-.000324	2
51	MP1C	X	1.109	.5
52	MP1C	Mx	.000125	.5
53	MP1C	X	1.109	5
54	MP1C	Mx	.000125	5
55	MP4C	X	1.109	.5
56	MP4C	Mx	.000125	.5
57	MP4C	X	1.109	5
58	MP4C	Mx	.000125	5
59	MP1A	X	1.109	.5
60	MP1A	Mx	-.001	.5
61	MP1A	X	1.109	5
62	MP1A	Mx	-.001	5
63	MP1B	X	1.109	.5
64	MP1B	Mx	.001	.5
65	MP1B	X	1.109	5
66	MP1B	Mx	.001	5
67	MP4A	X	1.109	.5
68	MP4A	Mx	-.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP4A	X	1.109	5
70	MP4A	Mx	-.001	5
71	MP4B	X	1.109	.5
72	MP4B	Mx	.001	.5
73	MP4B	X	1.109	5
74	MP4B	Mx	.001	5
75	MP2B	X	1.859	4
76	MP2B	Mx	-.000449	4
77	MP2B	X	1.859	4
78	MP2B	Mx	-.000449	4

Joint Loads and Enforced Displacements

Joint Label	L,D,M	Direction	Magnitude[(lb,k-ft), (in,rad), (lb*s^2/...
No Data to Print ...			

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	M1	Y	-9.676	-9.676	0	%100
2	M2	Y	-9.676	-9.676	0	%100
3	M3	Y	-10.192	-10.192	0	%100
4	M4	Y	-10.192	-10.192	0	%100
5	M5	Y	-10.192	-10.192	0	%100
6	M10	Y	-10.179	-10.179	0	%100
7	M11	Y	-10.179	-10.179	0	%100
8	M12	Y	-10.179	-10.179	0	%100
9	M13	Y	-10.179	-10.179	0	%100
10	M14	Y	-6.615	-6.615	0	%100
11	M25	Y	-9.676	-9.676	0	%100
12	M26	Y	-9.676	-9.676	0	%100
13	M27	Y	-10.192	-10.192	0	%100
14	M28	Y	-10.192	-10.192	0	%100
15	M29	Y	-10.192	-10.192	0	%100
16	M34	Y	-10.179	-10.179	0	%100
17	M35	Y	-10.179	-10.179	0	%100
18	M36	Y	-10.179	-10.179	0	%100
19	M37	Y	-10.179	-10.179	0	%100
20	M38	Y	-6.615	-6.615	0	%100
21	M40	Y	-5.662	-5.662	0	%100
22	M49	Y	-9.676	-9.676	0	%100
23	M50	Y	-9.676	-9.676	0	%100
24	M51	Y	-10.192	-10.192	0	%100
25	M52	Y	-10.192	-10.192	0	%100
26	M53	Y	-10.192	-10.192	0	%100
27	M58	Y	-10.179	-10.179	0	%100
28	M59	Y	-10.179	-10.179	0	%100
29	M60	Y	-10.179	-10.179	0	%100
30	M61	Y	-10.179	-10.179	0	%100
31	M62	Y	-6.615	-6.615	0	%100
32	M63	Y	-5.662	-5.662	0	%100
33	MP1A	Y	-5.019	-5.019	0	%100
34	MP1B	Y	-5.019	-5.019	0	%100
35	MP1C	Y	-5.019	-5.019	0	%100
36	MP2A	Y	-5.728	-5.728	0	%100
37	MP2B	Y	-5.728	-5.728	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,%]
38	MP2C	Y	-5.728	-5.728	0	%100
39	MP3A	Y	-5.019	-5.019	0	%100
40	MP3B	Y	-5.019	-5.019	0	%100
41	MP3C	Y	-5.019	-5.019	0	%100
42	MP4A	Y	-5.019	-5.019	0	%100
43	MP4B	Y	-5.019	-5.019	0	%100
44	MP4C	Y	-5.019	-5.019	0	%100
45	M73	Y	-5.728	-5.728	0	%100
46	M88A	Y	-5.728	-5.728	0	%100
47	M91	Y	-5.728	-5.728	0	%100
48	M94	Y	-7.669	-7.669	0	%100
49	M95	Y	-7.669	-7.669	0	%100
50	M96	Y	-7.669	-7.669	0	%100
51	OVP	Y	-5.019	-5.019	0	%100
52	M101A	Y	-5.662	-5.662	0	%100
53	M102A	Y	-5.662	-5.662	0	%100
54	M109	Y	-5.662	-5.662	0	%100
55	M110	Y	-5.662	-5.662	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-13.44	-13.44	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-5.756	-5.756	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-5.756	-5.756	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-23.024	-23.024	0	%100
11	M10	X	0	0	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	-5.756	-5.756	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	-5.756	-5.756	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	-13.431	-13.431	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	-10.22	-10.22	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	-3.36	-3.36	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	-23.024	-23.024	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	-5.756	-5.756	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	-5.756	-5.756	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	-17.268	-17.268	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	-23.024	-23.024	0	%100
35	M36	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,%]
36	M36	Z	-17.268	-17.268	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	-5.756	-5.756	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-3.358	-3.358	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	-2.653	-2.653	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	-10.22	-10.22	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	-3.36	-3.36	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	-5.756	-5.756	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	-23.024	-23.024	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	-5.756	-5.756	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	-17.268	-17.268	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-5.756	-5.756	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	-17.268	-17.268	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-23.024	-23.024	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-3.358	-3.358	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-2.653	-2.653	0	%100
65	MP1A	X	0	0	0	%100
66	MP1A	Z	-9.114	-9.114	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-9.114	-9.114	0	%100
69	MP1C	X	0	0	0	%100
70	MP1C	Z	-9.114	-9.114	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	-11.032	-11.032	0	%100
73	MP2B	X	0	0	0	%100
74	MP2B	Z	-11.032	-11.032	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-11.032	-11.032	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-9.114	-9.114	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	-9.114	-9.114	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-9.114	-9.114	0	%100
83	MP4A	X	0	0	0	%100
84	MP4A	Z	-9.114	-9.114	0	%100
85	MP4B	X	0	0	0	%100
86	MP4B	Z	-9.114	-9.114	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-9.114	-9.114	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	-11.032	-11.032	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	-2.758	-2.758	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	-2.758	-2.758	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	-3.177	-3.177	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-12.706	-12.706	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-3.177	-3.177	0	%100
101	OVP	X	0	0	0	%100
102	OVP	Z	-8.305	-8.305	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	-12.462	-12.462	0	%100
105	M102A	X	0	0	0	%100
106	M102A	Z	-3.615	-3.615	0	%100
107	M109	X	0	0	0	%100
108	M109	Z	-3.615	-3.615	0	%100
109	M110	X	0	0	0	%100
110	M110	Z	-12.462	-12.462	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	M1	X	1.703	1.703	0	%100
2	M1	Z	-2.95	-2.95	0	%100
3	M2	X	5.04	5.04	0	%100
4	M2	Z	-8.729	-8.729	0	%100
5	M3	X	8.634	8.634	0	%100
6	M3	Z	-14.955	-14.955	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	8.634	8.634	0	%100
10	M5	Z	-14.955	-14.955	0	%100
11	M10	X	2.878	2.878	0	%100
12	M10	Z	-4.985	-4.985	0	%100
13	M11	X	8.634	8.634	0	%100
14	M11	Z	-14.955	-14.955	0	%100
15	M12	X	2.878	2.878	0	%100
16	M12	Z	-4.985	-4.985	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	5.037	5.037	0	%100
20	M14	Z	-8.723	-8.723	0	%100
21	M25	X	6.813	6.813	0	%100
22	M25	Z	-11.801	-11.801	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	8.634	8.634	0	%100
26	M27	Z	-14.955	-14.955	0	%100
27	M28	X	8.634	8.634	0	%100
28	M28	Z	-14.955	-14.955	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	11.512	11.512	0	%100
32	M34	Z	-19.939	-19.939	0	%100
33	M35	X	8.634	8.634	0	%100
34	M35	Z	-14.955	-14.955	0	%100
35	M36	X	11.512	11.512	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,%]
36	M36	Z	-19.939	-19.939	0	%100
37	M37	X	8.634	8.634	0	%100
38	M37	Z	-14.955	-14.955	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	.012	.012	0	%100
42	M40	Z	-.021	-.021	0	%100
43	M49	X	1.703	1.703	0	%100
44	M49	Z	-2.95	-2.95	0	%100
45	M50	X	5.04	5.04	0	%100
46	M50	Z	-8.729	-8.729	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	8.634	8.634	0	%100
50	M52	Z	-14.955	-14.955	0	%100
51	M53	X	8.634	8.634	0	%100
52	M53	Z	-14.955	-14.955	0	%100
53	M58	X	2.878	2.878	0	%100
54	M58	Z	-4.985	-4.985	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	2.878	2.878	0	%100
58	M60	Z	-4.985	-4.985	0	%100
59	M61	X	8.634	8.634	0	%100
60	M61	Z	-14.955	-14.955	0	%100
61	M62	X	5.037	5.037	0	%100
62	M62	Z	-8.723	-8.723	0	%100
63	M63	X	4.436	4.436	0	%100
64	M63	Z	-7.683	-7.683	0	%100
65	MP1A	X	4.557	4.557	0	%100
66	MP1A	Z	-7.893	-7.893	0	%100
67	MP1B	X	4.557	4.557	0	%100
68	MP1B	Z	-7.893	-7.893	0	%100
69	MP1C	X	4.557	4.557	0	%100
70	MP1C	Z	-7.893	-7.893	0	%100
71	MP2A	X	5.516	5.516	0	%100
72	MP2A	Z	-9.554	-9.554	0	%100
73	MP2B	X	5.516	5.516	0	%100
74	MP2B	Z	-9.554	-9.554	0	%100
75	MP2C	X	5.516	5.516	0	%100
76	MP2C	Z	-9.554	-9.554	0	%100
77	MP3A	X	4.557	4.557	0	%100
78	MP3A	Z	-7.893	-7.893	0	%100
79	MP3B	X	4.557	4.557	0	%100
80	MP3B	Z	-7.893	-7.893	0	%100
81	MP3C	X	4.557	4.557	0	%100
82	MP3C	Z	-7.893	-7.893	0	%100
83	MP4A	X	4.557	4.557	0	%100
84	MP4A	Z	-7.893	-7.893	0	%100
85	MP4B	X	4.557	4.557	0	%100
86	MP4B	Z	-7.893	-7.893	0	%100
87	MP4C	X	4.557	4.557	0	%100
88	MP4C	Z	-7.893	-7.893	0	%100
89	M73	X	4.137	4.137	0	%100
90	M73	Z	-7.166	-7.166	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M91	X	4.137	4.137	0	%100
94	M91	Z	-7.166	-7.166	0	%100
95	M94	X	4.765	4.765	0	%100
96	M94	Z	-8.253	-8.253	0	%100
97	M95	X	4.765	4.765	0	%100
98	M95	Z	-8.253	-8.253	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	4.153	4.153	0	%100
102	OVP	Z	-7.193	-7.193	0	%100
103	M101A	X	4.436	4.436	0	%100
104	M101A	Z	-7.683	-7.683	0	%100
105	M102A	X	.012	.012	0	%100
106	M102A	Z	-.021	-.021	0	%100
107	M109	X	4.917	4.917	0	%100
108	M109	Z	-8.516	-8.516	0	%100
109	M110	X	4.917	4.917	0	%100
110	M110	Z	-8.516	-8.516	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	M1	X	8.85	8.85	0	%100
2	M1	Z	-5.11	-5.11	0	%100
3	M2	X	2.91	2.91	0	%100
4	M2	Z	-1.68	-1.68	0	%100
5	M3	X	19.939	19.939	0	%100
6	M3	Z	-11.512	-11.512	0	%100
7	M4	X	4.985	4.985	0	%100
8	M4	Z	-2.878	-2.878	0	%100
9	M5	X	4.985	4.985	0	%100
10	M5	Z	-2.878	-2.878	0	%100
11	M10	X	14.955	14.955	0	%100
12	M10	Z	-8.634	-8.634	0	%100
13	M11	X	19.939	19.939	0	%100
14	M11	Z	-11.512	-11.512	0	%100
15	M12	X	14.955	14.955	0	%100
16	M12	Z	-8.634	-8.634	0	%100
17	M13	X	4.985	4.985	0	%100
18	M13	Z	-2.878	-2.878	0	%100
19	M14	X	2.908	2.908	0	%100
20	M14	Z	-1.679	-1.679	0	%100
21	M25	X	8.85	8.85	0	%100
22	M25	Z	-5.11	-5.11	0	%100
23	M26	X	2.91	2.91	0	%100
24	M26	Z	-1.68	-1.68	0	%100
25	M27	X	4.985	4.985	0	%100
26	M27	Z	-2.878	-2.878	0	%100
27	M28	X	19.939	19.939	0	%100
28	M28	Z	-11.512	-11.512	0	%100
29	M29	X	4.985	4.985	0	%100
30	M29	Z	-2.878	-2.878	0	%100
31	M34	X	14.955	14.955	0	%100
32	M34	Z	-8.634	-8.634	0	%100
33	M35	X	4.985	4.985	0	%100
34	M35	Z	-2.878	-2.878	0	%100
35	M36	X	14.955	14.955	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,%]
36	M36	Z	-8.634	-8.634	0	%100
37	M37	X	19.939	19.939	0	%100
38	M37	Z	-11.512	-11.512	0	%100
39	M38	X	2.908	2.908	0	%100
40	M38	Z	-1.679	-1.679	0	%100
41	M40	X	3.131	3.131	0	%100
42	M40	Z	-1.807	-1.807	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	11.639	11.639	0	%100
46	M50	Z	-6.72	-6.72	0	%100
47	M51	X	4.985	4.985	0	%100
48	M51	Z	-2.878	-2.878	0	%100
49	M52	X	4.985	4.985	0	%100
50	M52	Z	-2.878	-2.878	0	%100
51	M53	X	19.939	19.939	0	%100
52	M53	Z	-11.512	-11.512	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	4.985	4.985	0	%100
56	M59	Z	-2.878	-2.878	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	4.985	4.985	0	%100
60	M61	Z	-2.878	-2.878	0	%100
61	M62	X	11.631	11.631	0	%100
62	M62	Z	-6.715	-6.715	0	%100
63	M63	X	10.792	10.792	0	%100
64	M63	Z	-6.231	-6.231	0	%100
65	MP1A	X	7.893	7.893	0	%100
66	MP1A	Z	-4.557	-4.557	0	%100
67	MP1B	X	7.893	7.893	0	%100
68	MP1B	Z	-4.557	-4.557	0	%100
69	MP1C	X	7.893	7.893	0	%100
70	MP1C	Z	-4.557	-4.557	0	%100
71	MP2A	X	9.554	9.554	0	%100
72	MP2A	Z	-5.516	-5.516	0	%100
73	MP2B	X	9.554	9.554	0	%100
74	MP2B	Z	-5.516	-5.516	0	%100
75	MP2C	X	9.554	9.554	0	%100
76	MP2C	Z	-5.516	-5.516	0	%100
77	MP3A	X	7.893	7.893	0	%100
78	MP3A	Z	-4.557	-4.557	0	%100
79	MP3B	X	7.893	7.893	0	%100
80	MP3B	Z	-4.557	-4.557	0	%100
81	MP3C	X	7.893	7.893	0	%100
82	MP3C	Z	-4.557	-4.557	0	%100
83	MP4A	X	7.893	7.893	0	%100
84	MP4A	Z	-4.557	-4.557	0	%100
85	MP4B	X	7.893	7.893	0	%100
86	MP4B	Z	-4.557	-4.557	0	%100
87	MP4C	X	7.893	7.893	0	%100
88	MP4C	Z	-4.557	-4.557	0	%100
89	M73	X	2.389	2.389	0	%100
90	M73	Z	-1.379	-1.379	0	%100
91	M88A	X	2.389	2.389	0	%100
92	M88A	Z	-1.379	-1.379	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,%]
93	M91	X	9.554	9.554	0	%100
94	M91	Z	-5.516	-5.516	0	%100
95	M94	X	11.004	11.004	0	%100
96	M94	Z	-6.353	-6.353	0	%100
97	M95	X	2.751	2.751	0	%100
98	M95	Z	-1.588	-1.588	0	%100
99	M96	X	2.751	2.751	0	%100
100	M96	Z	-1.588	-1.588	0	%100
101	OVP	X	7.193	7.193	0	%100
102	OVP	Z	-4.153	-4.153	0	%100
103	M101A	X	2.298	2.298	0	%100
104	M101A	Z	-1.327	-1.327	0	%100
105	M102A	X	2.298	2.298	0	%100
106	M102A	Z	-1.327	-1.327	0	%100
107	M109	X	10.792	10.792	0	%100
108	M109	Z	-6.231	-6.231	0	%100
109	M110	X	3.131	3.131	0	%100
110	M110	Z	-1.807	-1.807	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	M1	X	13.626	13.626	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	17.268	17.268	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	17.268	17.268	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M10	X	23.024	23.024	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	17.268	17.268	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	23.024	23.024	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	17.268	17.268	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	0	0	0	%100
21	M25	X	3.407	3.407	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	10.08	10.08	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	0	0	0	%100
27	M28	X	17.268	17.268	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	17.268	17.268	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	5.756	5.756	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	0	0	0	%100
35	M36	X	5.756	5.756	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,%]
36	M36	Z	0	0	0	%100
37	M37	X	17.268	17.268	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	10.073	10.073	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	9.833	9.833	0	%100
42	M40	Z	0	0	0	%100
43	M49	X	3.407	3.407	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	10.08	10.08	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	17.268	17.268	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	17.268	17.268	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	5.756	5.756	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	17.268	17.268	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	5.756	5.756	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	10.073	10.073	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	9.833	9.833	0	%100
64	M63	Z	0	0	0	%100
65	MP1A	X	9.114	9.114	0	%100
66	MP1A	Z	0	0	0	%100
67	MP1B	X	9.114	9.114	0	%100
68	MP1B	Z	0	0	0	%100
69	MP1C	X	9.114	9.114	0	%100
70	MP1C	Z	0	0	0	%100
71	MP2A	X	11.032	11.032	0	%100
72	MP2A	Z	0	0	0	%100
73	MP2B	X	11.032	11.032	0	%100
74	MP2B	Z	0	0	0	%100
75	MP2C	X	11.032	11.032	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3A	X	9.114	9.114	0	%100
78	MP3A	Z	0	0	0	%100
79	MP3B	X	9.114	9.114	0	%100
80	MP3B	Z	0	0	0	%100
81	MP3C	X	9.114	9.114	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4A	X	9.114	9.114	0	%100
84	MP4A	Z	0	0	0	%100
85	MP4B	X	9.114	9.114	0	%100
86	MP4B	Z	0	0	0	%100
87	MP4C	X	9.114	9.114	0	%100
88	MP4C	Z	0	0	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	0	0	0	%100
91	M88A	X	8.274	8.274	0	%100
92	M88A	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,%]
93	M91	X	8.274	8.274	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	9.53	9.53	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	9.53	9.53	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	8.305	8.305	0	%100
102	OVP	Z	0	0	0	%100
103	M101A	X	.025	.025	0	%100
104	M101A	Z	0	0	0	%100
105	M102A	X	8.872	8.872	0	%100
106	M102A	Z	0	0	0	%100
107	M109	X	8.872	8.872	0	%100
108	M109	Z	0	0	0	%100
109	M110	X	.025	.025	0	%100
110	M110	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	M1	X	8.85	8.85	0	%100
2	M1	Z	5.11	5.11	0	%100
3	M2	X	2.91	2.91	0	%100
4	M2	Z	1.68	1.68	0	%100
5	M3	X	4.985	4.985	0	%100
6	M3	Z	2.878	2.878	0	%100
7	M4	X	19.939	19.939	0	%100
8	M4	Z	11.512	11.512	0	%100
9	M5	X	4.985	4.985	0	%100
10	M5	Z	2.878	2.878	0	%100
11	M10	X	14.955	14.955	0	%100
12	M10	Z	8.634	8.634	0	%100
13	M11	X	4.985	4.985	0	%100
14	M11	Z	2.878	2.878	0	%100
15	M12	X	14.955	14.955	0	%100
16	M12	Z	8.634	8.634	0	%100
17	M13	X	19.939	19.939	0	%100
18	M13	Z	11.512	11.512	0	%100
19	M14	X	2.908	2.908	0	%100
20	M14	Z	1.679	1.679	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	11.639	11.639	0	%100
24	M26	Z	6.72	6.72	0	%100
25	M27	X	4.985	4.985	0	%100
26	M27	Z	2.878	2.878	0	%100
27	M28	X	4.985	4.985	0	%100
28	M28	Z	2.878	2.878	0	%100
29	M29	X	19.939	19.939	0	%100
30	M29	Z	11.512	11.512	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	4.985	4.985	0	%100
34	M35	Z	2.878	2.878	0	%100
35	M36	X	0	0	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	M36	Z	0	0	0	%100
37	M37	X	4.985	4.985	0	%100
38	M37	Z	2.878	2.878	0	%100
39	M38	X	11.631	11.631	0	%100
40	M38	Z	6.715	6.715	0	%100
41	M40	X	10.792	10.792	0	%100
42	M40	Z	6.231	6.231	0	%100
43	M49	X	8.85	8.85	0	%100
44	M49	Z	5.11	5.11	0	%100
45	M50	X	2.91	2.91	0	%100
46	M50	Z	1.68	1.68	0	%100
47	M51	X	19.939	19.939	0	%100
48	M51	Z	11.512	11.512	0	%100
49	M52	X	4.985	4.985	0	%100
50	M52	Z	2.878	2.878	0	%100
51	M53	X	4.985	4.985	0	%100
52	M53	Z	2.878	2.878	0	%100
53	M58	X	14.955	14.955	0	%100
54	M58	Z	8.634	8.634	0	%100
55	M59	X	19.939	19.939	0	%100
56	M59	Z	11.512	11.512	0	%100
57	M60	X	14.955	14.955	0	%100
58	M60	Z	8.634	8.634	0	%100
59	M61	X	4.985	4.985	0	%100
60	M61	Z	2.878	2.878	0	%100
61	M62	X	2.908	2.908	0	%100
62	M62	Z	1.679	1.679	0	%100
63	M63	X	3.131	3.131	0	%100
64	M63	Z	1.807	1.807	0	%100
65	MP1A	X	7.893	7.893	0	%100
66	MP1A	Z	4.557	4.557	0	%100
67	MP1B	X	7.893	7.893	0	%100
68	MP1B	Z	4.557	4.557	0	%100
69	MP1C	X	7.893	7.893	0	%100
70	MP1C	Z	4.557	4.557	0	%100
71	MP2A	X	9.554	9.554	0	%100
72	MP2A	Z	5.516	5.516	0	%100
73	MP2B	X	9.554	9.554	0	%100
74	MP2B	Z	5.516	5.516	0	%100
75	MP2C	X	9.554	9.554	0	%100
76	MP2C	Z	5.516	5.516	0	%100
77	MP3A	X	7.893	7.893	0	%100
78	MP3A	Z	4.557	4.557	0	%100
79	MP3B	X	7.893	7.893	0	%100
80	MP3B	Z	4.557	4.557	0	%100
81	MP3C	X	7.893	7.893	0	%100
82	MP3C	Z	4.557	4.557	0	%100
83	MP4A	X	7.893	7.893	0	%100
84	MP4A	Z	4.557	4.557	0	%100
85	MP4B	X	7.893	7.893	0	%100
86	MP4B	Z	4.557	4.557	0	%100
87	MP4C	X	7.893	7.893	0	%100
88	MP4C	Z	4.557	4.557	0	%100
89	M73	X	2.389	2.389	0	%100
90	M73	Z	1.379	1.379	0	%100
91	M88A	X	9.554	9.554	0	%100
92	M88A	Z	5.516	5.516	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,%]
93	M91	X	2.389	2.389	0	%100
94	M91	Z	1.379	1.379	0	%100
95	M94	X	2.751	2.751	0	%100
96	M94	Z	1.588	1.588	0	%100
97	M95	X	2.751	2.751	0	%100
98	M95	Z	1.588	1.588	0	%100
99	M96	X	11.004	11.004	0	%100
100	M96	Z	6.353	6.353	0	%100
101	OVP	X	7.193	7.193	0	%100
102	OVP	Z	4.153	4.153	0	%100
103	M101A	X	3.131	3.131	0	%100
104	M101A	Z	1.807	1.807	0	%100
105	M102A	X	10.792	10.792	0	%100
106	M102A	Z	6.231	6.231	0	%100
107	M109	X	2.298	2.298	0	%100
108	M109	Z	1.327	1.327	0	%100
109	M110	X	2.298	2.298	0	%100
110	M110	Z	1.327	1.327	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	M1	X	1.703	1.703	0	%100
2	M1	Z	2.95	2.95	0	%100
3	M2	X	5.04	5.04	0	%100
4	M2	Z	8.729	8.729	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	8.634	8.634	0	%100
8	M4	Z	14.955	14.955	0	%100
9	M5	X	8.634	8.634	0	%100
10	M5	Z	14.955	14.955	0	%100
11	M10	X	2.878	2.878	0	%100
12	M10	Z	4.985	4.985	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	2.878	2.878	0	%100
16	M12	Z	4.985	4.985	0	%100
17	M13	X	8.634	8.634	0	%100
18	M13	Z	14.955	14.955	0	%100
19	M14	X	5.037	5.037	0	%100
20	M14	Z	8.723	8.723	0	%100
21	M25	X	1.703	1.703	0	%100
22	M25	Z	2.95	2.95	0	%100
23	M26	X	5.04	5.04	0	%100
24	M26	Z	8.729	8.729	0	%100
25	M27	X	8.634	8.634	0	%100
26	M27	Z	14.955	14.955	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	8.634	8.634	0	%100
30	M29	Z	14.955	14.955	0	%100
31	M34	X	2.878	2.878	0	%100
32	M34	Z	4.985	4.985	0	%100
33	M35	X	8.634	8.634	0	%100
34	M35	Z	14.955	14.955	0	%100
35	M36	X	2.878	2.878	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,%]
36	M36	Z	4.985	4.985	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	5.037	5.037	0	%100
40	M38	Z	8.723	8.723	0	%100
41	M40	X	4.436	4.436	0	%100
42	M40	Z	7.683	7.683	0	%100
43	M49	X	6.813	6.813	0	%100
44	M49	Z	11.801	11.801	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	8.634	8.634	0	%100
48	M51	Z	14.955	14.955	0	%100
49	M52	X	8.634	8.634	0	%100
50	M52	Z	14.955	14.955	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	11.512	11.512	0	%100
54	M58	Z	19.939	19.939	0	%100
55	M59	X	8.634	8.634	0	%100
56	M59	Z	14.955	14.955	0	%100
57	M60	X	11.512	11.512	0	%100
58	M60	Z	19.939	19.939	0	%100
59	M61	X	8.634	8.634	0	%100
60	M61	Z	14.955	14.955	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	.012	.012	0	%100
64	M63	Z	.021	.021	0	%100
65	MP1A	X	4.557	4.557	0	%100
66	MP1A	Z	7.893	7.893	0	%100
67	MP1B	X	4.557	4.557	0	%100
68	MP1B	Z	7.893	7.893	0	%100
69	MP1C	X	4.557	4.557	0	%100
70	MP1C	Z	7.893	7.893	0	%100
71	MP2A	X	5.516	5.516	0	%100
72	MP2A	Z	9.554	9.554	0	%100
73	MP2B	X	5.516	5.516	0	%100
74	MP2B	Z	9.554	9.554	0	%100
75	MP2C	X	5.516	5.516	0	%100
76	MP2C	Z	9.554	9.554	0	%100
77	MP3A	X	4.557	4.557	0	%100
78	MP3A	Z	7.893	7.893	0	%100
79	MP3B	X	4.557	4.557	0	%100
80	MP3B	Z	7.893	7.893	0	%100
81	MP3C	X	4.557	4.557	0	%100
82	MP3C	Z	7.893	7.893	0	%100
83	MP4A	X	4.557	4.557	0	%100
84	MP4A	Z	7.893	7.893	0	%100
85	MP4B	X	4.557	4.557	0	%100
86	MP4B	Z	7.893	7.893	0	%100
87	MP4C	X	4.557	4.557	0	%100
88	MP4C	Z	7.893	7.893	0	%100
89	M73	X	4.137	4.137	0	%100
90	M73	Z	7.166	7.166	0	%100
91	M88A	X	4.137	4.137	0	%100
92	M88A	Z	7.166	7.166	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	4.765	4.765	0	%100
98	M95	Z	8.253	8.253	0	%100
99	M96	X	4.765	4.765	0	%100
100	M96	Z	8.253	8.253	0	%100
101	OVP	X	4.153	4.153	0	%100
102	OVP	Z	7.193	7.193	0	%100
103	M101A	X	4.917	4.917	0	%100
104	M101A	Z	8.516	8.516	0	%100
105	M102A	X	4.917	4.917	0	%100
106	M102A	Z	8.516	8.516	0	%100
107	M109	X	.012	.012	0	%100
108	M109	Z	.021	.021	0	%100
109	M110	X	4.436	4.436	0	%100
110	M110	Z	7.683	7.683	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	13.44	13.44	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	5.756	5.756	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	5.756	5.756	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	23.024	23.024	0	%100
11	M10	X	0	0	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	5.756	5.756	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	5.756	5.756	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	13.431	13.431	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	10.22	10.22	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	3.36	3.36	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	23.024	23.024	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	5.756	5.756	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	5.756	5.756	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	17.268	17.268	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	23.024	23.024	0	%100
35	M36	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M36	Z	17.268	17.268	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	5.756	5.756	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	3.358	3.358	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	2.653	2.653	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	10.22	10.22	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	3.36	3.36	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	5.756	5.756	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	23.024	23.024	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	5.756	5.756	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	17.268	17.268	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	5.756	5.756	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	17.268	17.268	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	23.024	23.024	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	3.358	3.358	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	2.653	2.653	0	%100
65	MP1A	X	0	0	0	%100
66	MP1A	Z	9.114	9.114	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	9.114	9.114	0	%100
69	MP1C	X	0	0	0	%100
70	MP1C	Z	9.114	9.114	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	11.032	11.032	0	%100
73	MP2B	X	0	0	0	%100
74	MP2B	Z	11.032	11.032	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	11.032	11.032	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	9.114	9.114	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	9.114	9.114	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	9.114	9.114	0	%100
83	MP4A	X	0	0	0	%100
84	MP4A	Z	9.114	9.114	0	%100
85	MP4B	X	0	0	0	%100
86	MP4B	Z	9.114	9.114	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	9.114	9.114	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	11.032	11.032	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	2.758	2.758	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	2.758	2.758	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	3.177	3.177	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	12.706	12.706	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	3.177	3.177	0	%100
101	OVP	X	0	0	0	%100
102	OVP	Z	8.305	8.305	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	12.462	12.462	0	%100
105	M102A	X	0	0	0	%100
106	M102A	Z	3.615	3.615	0	%100
107	M109	X	0	0	0	%100
108	M109	Z	3.615	3.615	0	%100
109	M110	X	0	0	0	%100
110	M110	Z	12.462	12.462	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.703	-1.703	0	%100
2	M1	Z	2.95	2.95	0	%100
3	M2	X	-5.04	-5.04	0	%100
4	M2	Z	8.729	8.729	0	%100
5	M3	X	-8.634	-8.634	0	%100
6	M3	Z	14.955	14.955	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-8.634	-8.634	0	%100
10	M5	Z	14.955	14.955	0	%100
11	M10	X	-2.878	-2.878	0	%100
12	M10	Z	4.985	4.985	0	%100
13	M11	X	-8.634	-8.634	0	%100
14	M11	Z	14.955	14.955	0	%100
15	M12	X	-2.878	-2.878	0	%100
16	M12	Z	4.985	4.985	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	-5.037	-5.037	0	%100
20	M14	Z	8.723	8.723	0	%100
21	M25	X	-6.813	-6.813	0	%100
22	M25	Z	11.801	11.801	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	-8.634	-8.634	0	%100
26	M27	Z	14.955	14.955	0	%100
27	M28	X	-8.634	-8.634	0	%100
28	M28	Z	14.955	14.955	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	-11.512	-11.512	0	%100
32	M34	Z	19.939	19.939	0	%100
33	M35	X	-8.634	-8.634	0	%100
34	M35	Z	14.955	14.955	0	%100
35	M36	X	-11.512	-11.512	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,%]
36	M36	Z	19.939	19.939	0	%100
37	M37	X	-8.634	-8.634	0	%100
38	M37	Z	14.955	14.955	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	-.012	-.012	0	%100
42	M40	Z	.021	.021	0	%100
43	M49	X	-1.703	-1.703	0	%100
44	M49	Z	2.95	2.95	0	%100
45	M50	X	-5.04	-5.04	0	%100
46	M50	Z	8.729	8.729	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	-8.634	-8.634	0	%100
50	M52	Z	14.955	14.955	0	%100
51	M53	X	-8.634	-8.634	0	%100
52	M53	Z	14.955	14.955	0	%100
53	M58	X	-2.878	-2.878	0	%100
54	M58	Z	4.985	4.985	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-2.878	-2.878	0	%100
58	M60	Z	4.985	4.985	0	%100
59	M61	X	-8.634	-8.634	0	%100
60	M61	Z	14.955	14.955	0	%100
61	M62	X	-5.037	-5.037	0	%100
62	M62	Z	8.723	8.723	0	%100
63	M63	X	-4.436	-4.436	0	%100
64	M63	Z	7.683	7.683	0	%100
65	MP1A	X	-4.557	-4.557	0	%100
66	MP1A	Z	7.893	7.893	0	%100
67	MP1B	X	-4.557	-4.557	0	%100
68	MP1B	Z	7.893	7.893	0	%100
69	MP1C	X	-4.557	-4.557	0	%100
70	MP1C	Z	7.893	7.893	0	%100
71	MP2A	X	-5.516	-5.516	0	%100
72	MP2A	Z	9.554	9.554	0	%100
73	MP2B	X	-5.516	-5.516	0	%100
74	MP2B	Z	9.554	9.554	0	%100
75	MP2C	X	-5.516	-5.516	0	%100
76	MP2C	Z	9.554	9.554	0	%100
77	MP3A	X	-4.557	-4.557	0	%100
78	MP3A	Z	7.893	7.893	0	%100
79	MP3B	X	-4.557	-4.557	0	%100
80	MP3B	Z	7.893	7.893	0	%100
81	MP3C	X	-4.557	-4.557	0	%100
82	MP3C	Z	7.893	7.893	0	%100
83	MP4A	X	-4.557	-4.557	0	%100
84	MP4A	Z	7.893	7.893	0	%100
85	MP4B	X	-4.557	-4.557	0	%100
86	MP4B	Z	7.893	7.893	0	%100
87	MP4C	X	-4.557	-4.557	0	%100
88	MP4C	Z	7.893	7.893	0	%100
89	M73	X	-4.137	-4.137	0	%100
90	M73	Z	7.166	7.166	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	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,%]
93	M91	X	-4.137	-4.137	0	%100
94	M91	Z	7.166	7.166	0	%100
95	M94	X	-4.765	-4.765	0	%100
96	M94	Z	8.253	8.253	0	%100
97	M95	X	-4.765	-4.765	0	%100
98	M95	Z	8.253	8.253	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	-4.153	-4.153	0	%100
102	OVP	Z	7.193	7.193	0	%100
103	M101A	X	-4.436	-4.436	0	%100
104	M101A	Z	7.683	7.683	0	%100
105	M102A	X	-.012	-.012	0	%100
106	M102A	Z	.021	.021	0	%100
107	M109	X	-4.917	-4.917	0	%100
108	M109	Z	8.516	8.516	0	%100
109	M110	X	-4.917	-4.917	0	%100
110	M110	Z	8.516	8.516	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	M1	X	-8.85	-8.85	0	%100
2	M1	Z	5.11	5.11	0	%100
3	M2	X	-2.91	-2.91	0	%100
4	M2	Z	1.68	1.68	0	%100
5	M3	X	-19.939	-19.939	0	%100
6	M3	Z	11.512	11.512	0	%100
7	M4	X	-4.985	-4.985	0	%100
8	M4	Z	2.878	2.878	0	%100
9	M5	X	-4.985	-4.985	0	%100
10	M5	Z	2.878	2.878	0	%100
11	M10	X	-14.955	-14.955	0	%100
12	M10	Z	8.634	8.634	0	%100
13	M11	X	-19.939	-19.939	0	%100
14	M11	Z	11.512	11.512	0	%100
15	M12	X	-14.955	-14.955	0	%100
16	M12	Z	8.634	8.634	0	%100
17	M13	X	-4.985	-4.985	0	%100
18	M13	Z	2.878	2.878	0	%100
19	M14	X	-2.908	-2.908	0	%100
20	M14	Z	1.679	1.679	0	%100
21	M25	X	-8.85	-8.85	0	%100
22	M25	Z	5.11	5.11	0	%100
23	M26	X	-2.91	-2.91	0	%100
24	M26	Z	1.68	1.68	0	%100
25	M27	X	-4.985	-4.985	0	%100
26	M27	Z	2.878	2.878	0	%100
27	M28	X	-19.939	-19.939	0	%100
28	M28	Z	11.512	11.512	0	%100
29	M29	X	-4.985	-4.985	0	%100
30	M29	Z	2.878	2.878	0	%100
31	M34	X	-14.955	-14.955	0	%100
32	M34	Z	8.634	8.634	0	%100
33	M35	X	-4.985	-4.985	0	%100
34	M35	Z	2.878	2.878	0	%100
35	M36	X	-14.955	-14.955	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,%]
36	M36	Z	8.634	8.634	0	%100
37	M37	X	-19.939	-19.939	0	%100
38	M37	Z	11.512	11.512	0	%100
39	M38	X	-2.908	-2.908	0	%100
40	M38	Z	1.679	1.679	0	%100
41	M40	X	-3.131	-3.131	0	%100
42	M40	Z	1.807	1.807	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	-11.639	-11.639	0	%100
46	M50	Z	6.72	6.72	0	%100
47	M51	X	-4.985	-4.985	0	%100
48	M51	Z	2.878	2.878	0	%100
49	M52	X	-4.985	-4.985	0	%100
50	M52	Z	2.878	2.878	0	%100
51	M53	X	-19.939	-19.939	0	%100
52	M53	Z	11.512	11.512	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-4.985	-4.985	0	%100
56	M59	Z	2.878	2.878	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	-4.985	-4.985	0	%100
60	M61	Z	2.878	2.878	0	%100
61	M62	X	-11.631	-11.631	0	%100
62	M62	Z	6.715	6.715	0	%100
63	M63	X	-10.792	-10.792	0	%100
64	M63	Z	6.231	6.231	0	%100
65	MP1A	X	-7.893	-7.893	0	%100
66	MP1A	Z	4.557	4.557	0	%100
67	MP1B	X	-7.893	-7.893	0	%100
68	MP1B	Z	4.557	4.557	0	%100
69	MP1C	X	-7.893	-7.893	0	%100
70	MP1C	Z	4.557	4.557	0	%100
71	MP2A	X	-9.554	-9.554	0	%100
72	MP2A	Z	5.516	5.516	0	%100
73	MP2B	X	-9.554	-9.554	0	%100
74	MP2B	Z	5.516	5.516	0	%100
75	MP2C	X	-9.554	-9.554	0	%100
76	MP2C	Z	5.516	5.516	0	%100
77	MP3A	X	-7.893	-7.893	0	%100
78	MP3A	Z	4.557	4.557	0	%100
79	MP3B	X	-7.893	-7.893	0	%100
80	MP3B	Z	4.557	4.557	0	%100
81	MP3C	X	-7.893	-7.893	0	%100
82	MP3C	Z	4.557	4.557	0	%100
83	MP4A	X	-7.893	-7.893	0	%100
84	MP4A	Z	4.557	4.557	0	%100
85	MP4B	X	-7.893	-7.893	0	%100
86	MP4B	Z	4.557	4.557	0	%100
87	MP4C	X	-7.893	-7.893	0	%100
88	MP4C	Z	4.557	4.557	0	%100
89	M73	X	-2.389	-2.389	0	%100
90	M73	Z	1.379	1.379	0	%100
91	M88A	X	-2.389	-2.389	0	%100
92	M88A	Z	1.379	1.379	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,%]
93	M91	X	-9.554	-9.554	0	%100
94	M91	Z	5.516	5.516	0	%100
95	M94	X	-11.004	-11.004	0	%100
96	M94	Z	6.353	6.353	0	%100
97	M95	X	-2.751	-2.751	0	%100
98	M95	Z	1.588	1.588	0	%100
99	M96	X	-2.751	-2.751	0	%100
100	M96	Z	1.588	1.588	0	%100
101	OVP	X	-7.193	-7.193	0	%100
102	OVP	Z	4.153	4.153	0	%100
103	M101A	X	-2.298	-2.298	0	%100
104	M101A	Z	1.327	1.327	0	%100
105	M102A	X	-2.298	-2.298	0	%100
106	M102A	Z	1.327	1.327	0	%100
107	M109	X	-10.792	-10.792	0	%100
108	M109	Z	6.231	6.231	0	%100
109	M110	X	-3.131	-3.131	0	%100
110	M110	Z	1.807	1.807	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	M1	X	-13.626	-13.626	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-17.268	-17.268	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-17.268	-17.268	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M10	X	-23.024	-23.024	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	-17.268	-17.268	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	-23.024	-23.024	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	-17.268	-17.268	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	0	0	0	%100
21	M25	X	-3.407	-3.407	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	-10.08	-10.08	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	0	0	0	%100
27	M28	X	-17.268	-17.268	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	-17.268	-17.268	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	-5.756	-5.756	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	0	0	0	%100
35	M36	X	-5.756	-5.756	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,%]
36	M36	Z	0	0	0	%100
37	M37	X	-17.268	-17.268	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-10.073	-10.073	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	-9.833	-9.833	0	%100
42	M40	Z	0	0	0	%100
43	M49	X	-3.407	-3.407	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	-10.08	-10.08	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-17.268	-17.268	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	-17.268	-17.268	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	-5.756	-5.756	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-17.268	-17.268	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-5.756	-5.756	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-10.073	-10.073	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-9.833	-9.833	0	%100
64	M63	Z	0	0	0	%100
65	MP1A	X	-9.114	-9.114	0	%100
66	MP1A	Z	0	0	0	%100
67	MP1B	X	-9.114	-9.114	0	%100
68	MP1B	Z	0	0	0	%100
69	MP1C	X	-9.114	-9.114	0	%100
70	MP1C	Z	0	0	0	%100
71	MP2A	X	-11.032	-11.032	0	%100
72	MP2A	Z	0	0	0	%100
73	MP2B	X	-11.032	-11.032	0	%100
74	MP2B	Z	0	0	0	%100
75	MP2C	X	-11.032	-11.032	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3A	X	-9.114	-9.114	0	%100
78	MP3A	Z	0	0	0	%100
79	MP3B	X	-9.114	-9.114	0	%100
80	MP3B	Z	0	0	0	%100
81	MP3C	X	-9.114	-9.114	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4A	X	-9.114	-9.114	0	%100
84	MP4A	Z	0	0	0	%100
85	MP4B	X	-9.114	-9.114	0	%100
86	MP4B	Z	0	0	0	%100
87	MP4C	X	-9.114	-9.114	0	%100
88	MP4C	Z	0	0	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	0	0	0	%100
91	M88A	X	-8.274	-8.274	0	%100
92	M88A	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,%]
93	M91	X	-8.274	-8.274	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	-9.53	-9.53	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-9.53	-9.53	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	-8.305	-8.305	0	%100
102	OVP	Z	0	0	0	%100
103	M101A	X	-.025	-.025	0	%100
104	M101A	Z	0	0	0	%100
105	M102A	X	-8.872	-8.872	0	%100
106	M102A	Z	0	0	0	%100
107	M109	X	-8.872	-8.872	0	%100
108	M109	Z	0	0	0	%100
109	M110	X	-.025	-.025	0	%100
110	M110	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	M1	X	-8.85	-8.85	0	%100
2	M1	Z	-5.11	-5.11	0	%100
3	M2	X	-2.91	-2.91	0	%100
4	M2	Z	-1.68	-1.68	0	%100
5	M3	X	-4.985	-4.985	0	%100
6	M3	Z	-2.878	-2.878	0	%100
7	M4	X	-19.939	-19.939	0	%100
8	M4	Z	-11.512	-11.512	0	%100
9	M5	X	-4.985	-4.985	0	%100
10	M5	Z	-2.878	-2.878	0	%100
11	M10	X	-14.955	-14.955	0	%100
12	M10	Z	-8.634	-8.634	0	%100
13	M11	X	-4.985	-4.985	0	%100
14	M11	Z	-2.878	-2.878	0	%100
15	M12	X	-14.955	-14.955	0	%100
16	M12	Z	-8.634	-8.634	0	%100
17	M13	X	-19.939	-19.939	0	%100
18	M13	Z	-11.512	-11.512	0	%100
19	M14	X	-2.908	-2.908	0	%100
20	M14	Z	-1.679	-1.679	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	-11.639	-11.639	0	%100
24	M26	Z	-6.72	-6.72	0	%100
25	M27	X	-4.985	-4.985	0	%100
26	M27	Z	-2.878	-2.878	0	%100
27	M28	X	-4.985	-4.985	0	%100
28	M28	Z	-2.878	-2.878	0	%100
29	M29	X	-19.939	-19.939	0	%100
30	M29	Z	-11.512	-11.512	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	-4.985	-4.985	0	%100
34	M35	Z	-2.878	-2.878	0	%100
35	M36	X	0	0	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,%]
36	M36	Z	0	0	0	%100
37	M37	X	-4.985	-4.985	0	%100
38	M37	Z	-2.878	-2.878	0	%100
39	M38	X	-11.631	-11.631	0	%100
40	M38	Z	-6.715	-6.715	0	%100
41	M40	X	-10.792	-10.792	0	%100
42	M40	Z	-6.231	-6.231	0	%100
43	M49	X	-8.85	-8.85	0	%100
44	M49	Z	-5.11	-5.11	0	%100
45	M50	X	-2.91	-2.91	0	%100
46	M50	Z	-1.68	-1.68	0	%100
47	M51	X	-19.939	-19.939	0	%100
48	M51	Z	-11.512	-11.512	0	%100
49	M52	X	-4.985	-4.985	0	%100
50	M52	Z	-2.878	-2.878	0	%100
51	M53	X	-4.985	-4.985	0	%100
52	M53	Z	-2.878	-2.878	0	%100
53	M58	X	-14.955	-14.955	0	%100
54	M58	Z	-8.634	-8.634	0	%100
55	M59	X	-19.939	-19.939	0	%100
56	M59	Z	-11.512	-11.512	0	%100
57	M60	X	-14.955	-14.955	0	%100
58	M60	Z	-8.634	-8.634	0	%100
59	M61	X	-4.985	-4.985	0	%100
60	M61	Z	-2.878	-2.878	0	%100
61	M62	X	-2.908	-2.908	0	%100
62	M62	Z	-1.679	-1.679	0	%100
63	M63	X	-3.131	-3.131	0	%100
64	M63	Z	-1.807	-1.807	0	%100
65	MP1A	X	-7.893	-7.893	0	%100
66	MP1A	Z	-4.557	-4.557	0	%100
67	MP1B	X	-7.893	-7.893	0	%100
68	MP1B	Z	-4.557	-4.557	0	%100
69	MP1C	X	-7.893	-7.893	0	%100
70	MP1C	Z	-4.557	-4.557	0	%100
71	MP2A	X	-9.554	-9.554	0	%100
72	MP2A	Z	-5.516	-5.516	0	%100
73	MP2B	X	-9.554	-9.554	0	%100
74	MP2B	Z	-5.516	-5.516	0	%100
75	MP2C	X	-9.554	-9.554	0	%100
76	MP2C	Z	-5.516	-5.516	0	%100
77	MP3A	X	-7.893	-7.893	0	%100
78	MP3A	Z	-4.557	-4.557	0	%100
79	MP3B	X	-7.893	-7.893	0	%100
80	MP3B	Z	-4.557	-4.557	0	%100
81	MP3C	X	-7.893	-7.893	0	%100
82	MP3C	Z	-4.557	-4.557	0	%100
83	MP4A	X	-7.893	-7.893	0	%100
84	MP4A	Z	-4.557	-4.557	0	%100
85	MP4B	X	-7.893	-7.893	0	%100
86	MP4B	Z	-4.557	-4.557	0	%100
87	MP4C	X	-7.893	-7.893	0	%100
88	MP4C	Z	-4.557	-4.557	0	%100
89	M73	X	-2.389	-2.389	0	%100
90	M73	Z	-1.379	-1.379	0	%100
91	M88A	X	-9.554	-9.554	0	%100
92	M88A	Z	-5.516	-5.516	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,%]
93	M91	X	-2.389	-2.389	0	%100
94	M91	Z	-1.379	-1.379	0	%100
95	M94	X	-2.751	-2.751	0	%100
96	M94	Z	-1.588	-1.588	0	%100
97	M95	X	-2.751	-2.751	0	%100
98	M95	Z	-1.588	-1.588	0	%100
99	M96	X	-11.004	-11.004	0	%100
100	M96	Z	-6.353	-6.353	0	%100
101	OVP	X	-7.193	-7.193	0	%100
102	OVP	Z	-4.153	-4.153	0	%100
103	M101A	X	-3.131	-3.131	0	%100
104	M101A	Z	-1.807	-1.807	0	%100
105	M102A	X	-10.792	-10.792	0	%100
106	M102A	Z	-6.231	-6.231	0	%100
107	M109	X	-2.298	-2.298	0	%100
108	M109	Z	-1.327	-1.327	0	%100
109	M110	X	-2.298	-2.298	0	%100
110	M110	Z	-1.327	-1.327	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	M1	X	-1.703	-1.703	0	%100
2	M1	Z	-2.95	-2.95	0	%100
3	M2	X	-5.04	-5.04	0	%100
4	M2	Z	-8.729	-8.729	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-8.634	-8.634	0	%100
8	M4	Z	-14.955	-14.955	0	%100
9	M5	X	-8.634	-8.634	0	%100
10	M5	Z	-14.955	-14.955	0	%100
11	M10	X	-2.878	-2.878	0	%100
12	M10	Z	-4.985	-4.985	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	-2.878	-2.878	0	%100
16	M12	Z	-4.985	-4.985	0	%100
17	M13	X	-8.634	-8.634	0	%100
18	M13	Z	-14.955	-14.955	0	%100
19	M14	X	-5.037	-5.037	0	%100
20	M14	Z	-8.723	-8.723	0	%100
21	M25	X	-1.703	-1.703	0	%100
22	M25	Z	-2.95	-2.95	0	%100
23	M26	X	-5.04	-5.04	0	%100
24	M26	Z	-8.729	-8.729	0	%100
25	M27	X	-8.634	-8.634	0	%100
26	M27	Z	-14.955	-14.955	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	-8.634	-8.634	0	%100
30	M29	Z	-14.955	-14.955	0	%100
31	M34	X	-2.878	-2.878	0	%100
32	M34	Z	-4.985	-4.985	0	%100
33	M35	X	-8.634	-8.634	0	%100
34	M35	Z	-14.955	-14.955	0	%100
35	M36	X	-2.878	-2.878	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,%]
36	M36	Z	-4.985	-4.985	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-5.037	-5.037	0	%100
40	M38	Z	-8.723	-8.723	0	%100
41	M40	X	-4.436	-4.436	0	%100
42	M40	Z	-7.683	-7.683	0	%100
43	M49	X	-6.813	-6.813	0	%100
44	M49	Z	-11.801	-11.801	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-8.634	-8.634	0	%100
48	M51	Z	-14.955	-14.955	0	%100
49	M52	X	-8.634	-8.634	0	%100
50	M52	Z	-14.955	-14.955	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	-11.512	-11.512	0	%100
54	M58	Z	-19.939	-19.939	0	%100
55	M59	X	-8.634	-8.634	0	%100
56	M59	Z	-14.955	-14.955	0	%100
57	M60	X	-11.512	-11.512	0	%100
58	M60	Z	-19.939	-19.939	0	%100
59	M61	X	-8.634	-8.634	0	%100
60	M61	Z	-14.955	-14.955	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-.012	-.012	0	%100
64	M63	Z	-.021	-.021	0	%100
65	MP1A	X	-4.557	-4.557	0	%100
66	MP1A	Z	-7.893	-7.893	0	%100
67	MP1B	X	-4.557	-4.557	0	%100
68	MP1B	Z	-7.893	-7.893	0	%100
69	MP1C	X	-4.557	-4.557	0	%100
70	MP1C	Z	-7.893	-7.893	0	%100
71	MP2A	X	-5.516	-5.516	0	%100
72	MP2A	Z	-9.554	-9.554	0	%100
73	MP2B	X	-5.516	-5.516	0	%100
74	MP2B	Z	-9.554	-9.554	0	%100
75	MP2C	X	-5.516	-5.516	0	%100
76	MP2C	Z	-9.554	-9.554	0	%100
77	MP3A	X	-4.557	-4.557	0	%100
78	MP3A	Z	-7.893	-7.893	0	%100
79	MP3B	X	-4.557	-4.557	0	%100
80	MP3B	Z	-7.893	-7.893	0	%100
81	MP3C	X	-4.557	-4.557	0	%100
82	MP3C	Z	-7.893	-7.893	0	%100
83	MP4A	X	-4.557	-4.557	0	%100
84	MP4A	Z	-7.893	-7.893	0	%100
85	MP4B	X	-4.557	-4.557	0	%100
86	MP4B	Z	-7.893	-7.893	0	%100
87	MP4C	X	-4.557	-4.557	0	%100
88	MP4C	Z	-7.893	-7.893	0	%100
89	M73	X	-4.137	-4.137	0	%100
90	M73	Z	-7.166	-7.166	0	%100
91	M88A	X	-4.137	-4.137	0	%100
92	M88A	Z	-7.166	-7.166	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	-4.765	-4.765	0	%100
98	M95	Z	-8.253	-8.253	0	%100
99	M96	X	-4.765	-4.765	0	%100
100	M96	Z	-8.253	-8.253	0	%100
101	OVP	X	-4.153	-4.153	0	%100
102	OVP	Z	-7.193	-7.193	0	%100
103	M101A	X	-4.917	-4.917	0	%100
104	M101A	Z	-8.516	-8.516	0	%100
105	M102A	X	-4.917	-4.917	0	%100
106	M102A	Z	-8.516	-8.516	0	%100
107	M109	X	-.012	-.012	0	%100
108	M109	Z	-.021	-.021	0	%100
109	M110	X	-4.436	-4.436	0	%100
110	M110	Z	-7.683	-7.683	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-4.229	-4.229	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.335	-1.335	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.335	-1.335	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-5.436	-5.436	0	%100
11	M10	X	0	0	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	-1.335	-1.335	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	-1.335	-1.335	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	-4.227	-4.227	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	-3.198	-3.198	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	-1.057	-1.057	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	-5.339	-5.339	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	-1.335	-1.335	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	-1.359	-1.359	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	-4.006	-4.006	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	-5.339	-5.339	0	%100
35	M36	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,%]
36	M36	Z	-4.006	-4.006	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	-1.335	-1.335	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-1.057	-1.057	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	-.829	-.829	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	-3.198	-3.198	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	-1.057	-1.057	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	-1.335	-1.335	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	-5.339	-5.339	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	-1.359	-1.359	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	-4.006	-4.006	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-1.335	-1.335	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	-4.006	-4.006	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-5.339	-5.339	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-1.057	-1.057	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-.829	-.829	0	%100
65	MP1A	X	0	0	0	%100
66	MP1A	Z	-3.41	-3.41	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-3.41	-3.41	0	%100
69	MP1C	X	0	0	0	%100
70	MP1C	Z	-3.41	-3.41	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	-3.773	-3.773	0	%100
73	MP2B	X	0	0	0	%100
74	MP2B	Z	-3.773	-3.773	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-3.773	-3.773	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-3.41	-3.41	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	-3.41	-3.41	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-3.41	-3.41	0	%100
83	MP4A	X	0	0	0	%100
84	MP4A	Z	-3.41	-3.41	0	%100
85	MP4B	X	0	0	0	%100
86	MP4B	Z	-3.41	-3.41	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-3.41	-3.41	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	-3.773	-3.773	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	-.943	-.943	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	-.943	-.943	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	-.881	-.881	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-3.523	-3.523	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-.881	-.881	0	%100
101	OVP	X	0	0	0	%100
102	OVP	Z	-3.122	-3.122	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	-3.894	-3.894	0	%100
105	M102A	X	0	0	0	%100
106	M102A	Z	-1.129	-1.129	0	%100
107	M109	X	0	0	0	%100
108	M109	Z	-1.129	-1.129	0	%100
109	M110	X	0	0	0	%100
110	M110	Z	-3.894	-3.894	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	M1	X	.533	.533	0	%100
2	M1	Z	-.923	-.923	0	%100
3	M2	X	1.586	1.586	0	%100
4	M2	Z	-2.747	-2.747	0	%100
5	M3	X	2.002	2.002	0	%100
6	M3	Z	-3.468	-3.468	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	2.038	2.038	0	%100
10	M5	Z	-3.531	-3.531	0	%100
11	M10	X	.668	.668	0	%100
12	M10	Z	-1.157	-1.157	0	%100
13	M11	X	2.002	2.002	0	%100
14	M11	Z	-3.468	-3.468	0	%100
15	M12	X	.668	.668	0	%100
16	M12	Z	-1.157	-1.157	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	1.585	1.585	0	%100
20	M14	Z	-2.746	-2.746	0	%100
21	M25	X	2.132	2.132	0	%100
22	M25	Z	-3.693	-3.693	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	2.002	2.002	0	%100
26	M27	Z	-3.468	-3.468	0	%100
27	M28	X	2.002	2.002	0	%100
28	M28	Z	-3.468	-3.468	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	2.671	2.671	0	%100
32	M34	Z	-4.626	-4.626	0	%100
33	M35	X	2.002	2.002	0	%100
34	M35	Z	-3.468	-3.468	0	%100
35	M36	X	2.671	2.671	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,%]
36	M36	Z	-4.626	-4.626	0	%100
37	M37	X	2.002	2.002	0	%100
38	M37	Z	-3.468	-3.468	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	.004	.004	0	%100
42	M40	Z	-.007	-.007	0	%100
43	M49	X	.533	.533	0	%100
44	M49	Z	-.923	-.923	0	%100
45	M50	X	1.586	1.586	0	%100
46	M50	Z	-2.747	-2.747	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	2.002	2.002	0	%100
50	M52	Z	-3.468	-3.468	0	%100
51	M53	X	2.038	2.038	0	%100
52	M53	Z	-3.531	-3.531	0	%100
53	M58	X	.668	.668	0	%100
54	M58	Z	-1.157	-1.157	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	.668	.668	0	%100
58	M60	Z	-1.157	-1.157	0	%100
59	M61	X	2.002	2.002	0	%100
60	M61	Z	-3.468	-3.468	0	%100
61	M62	X	1.585	1.585	0	%100
62	M62	Z	-2.746	-2.746	0	%100
63	M63	X	1.386	1.386	0	%100
64	M63	Z	-2.401	-2.401	0	%100
65	MP1A	X	1.705	1.705	0	%100
66	MP1A	Z	-2.953	-2.953	0	%100
67	MP1B	X	1.705	1.705	0	%100
68	MP1B	Z	-2.953	-2.953	0	%100
69	MP1C	X	1.705	1.705	0	%100
70	MP1C	Z	-2.953	-2.953	0	%100
71	MP2A	X	1.887	1.887	0	%100
72	MP2A	Z	-3.268	-3.268	0	%100
73	MP2B	X	1.887	1.887	0	%100
74	MP2B	Z	-3.268	-3.268	0	%100
75	MP2C	X	1.887	1.887	0	%100
76	MP2C	Z	-3.268	-3.268	0	%100
77	MP3A	X	1.705	1.705	0	%100
78	MP3A	Z	-2.953	-2.953	0	%100
79	MP3B	X	1.705	1.705	0	%100
80	MP3B	Z	-2.953	-2.953	0	%100
81	MP3C	X	1.705	1.705	0	%100
82	MP3C	Z	-2.953	-2.953	0	%100
83	MP4A	X	1.705	1.705	0	%100
84	MP4A	Z	-2.953	-2.953	0	%100
85	MP4B	X	1.705	1.705	0	%100
86	MP4B	Z	-2.953	-2.953	0	%100
87	MP4C	X	1.705	1.705	0	%100
88	MP4C	Z	-2.953	-2.953	0	%100
89	M73	X	1.415	1.415	0	%100
90	M73	Z	-2.451	-2.451	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M91	X	1.415	1.415	0	%100
94	M91	Z	-2.451	-2.451	0	%100
95	M94	X	1.321	1.321	0	%100
96	M94	Z	-2.288	-2.288	0	%100
97	M95	X	1.321	1.321	0	%100
98	M95	Z	-2.288	-2.288	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	1.561	1.561	0	%100
102	OVP	Z	-2.704	-2.704	0	%100
103	M101A	X	1.386	1.386	0	%100
104	M101A	Z	-2.401	-2.401	0	%100
105	M102A	X	.004	.004	0	%100
106	M102A	Z	-.007	-.007	0	%100
107	M109	X	1.536	1.536	0	%100
108	M109	Z	-2.661	-2.661	0	%100
109	M110	X	1.536	1.536	0	%100
110	M110	Z	-2.661	-2.661	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	M1	X	2.77	2.77	0	%100
2	M1	Z	-1.599	-1.599	0	%100
3	M2	X	.916	.916	0	%100
4	M2	Z	-.529	-.529	0	%100
5	M3	X	4.624	4.624	0	%100
6	M3	Z	-2.67	-2.67	0	%100
7	M4	X	1.156	1.156	0	%100
8	M4	Z	-.667	-.667	0	%100
9	M5	X	1.177	1.177	0	%100
10	M5	Z	-.679	-.679	0	%100
11	M10	X	3.47	3.47	0	%100
12	M10	Z	-2.003	-2.003	0	%100
13	M11	X	4.624	4.624	0	%100
14	M11	Z	-2.67	-2.67	0	%100
15	M12	X	3.47	3.47	0	%100
16	M12	Z	-2.003	-2.003	0	%100
17	M13	X	1.156	1.156	0	%100
18	M13	Z	-.667	-.667	0	%100
19	M14	X	.915	.915	0	%100
20	M14	Z	-.528	-.528	0	%100
21	M25	X	2.77	2.77	0	%100
22	M25	Z	-1.599	-1.599	0	%100
23	M26	X	.916	.916	0	%100
24	M26	Z	-.529	-.529	0	%100
25	M27	X	1.156	1.156	0	%100
26	M27	Z	-.667	-.667	0	%100
27	M28	X	4.624	4.624	0	%100
28	M28	Z	-2.67	-2.67	0	%100
29	M29	X	1.177	1.177	0	%100
30	M29	Z	-.679	-.679	0	%100
31	M34	X	3.47	3.47	0	%100
32	M34	Z	-2.003	-2.003	0	%100
33	M35	X	1.156	1.156	0	%100
34	M35	Z	-.667	-.667	0	%100
35	M36	X	3.47	3.47	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,%]
36	M36	Z	-2.003	-2.003	0	%100
37	M37	X	4.624	4.624	0	%100
38	M37	Z	-2.67	-2.67	0	%100
39	M38	X	.915	.915	0	%100
40	M38	Z	-.528	-.528	0	%100
41	M40	X	.978	.978	0	%100
42	M40	Z	-.565	-.565	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	3.662	3.662	0	%100
46	M50	Z	-2.114	-2.114	0	%100
47	M51	X	1.156	1.156	0	%100
48	M51	Z	-.667	-.667	0	%100
49	M52	X	1.156	1.156	0	%100
50	M52	Z	-.667	-.667	0	%100
51	M53	X	4.708	4.708	0	%100
52	M53	Z	-2.718	-2.718	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	1.156	1.156	0	%100
56	M59	Z	-.667	-.667	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	1.156	1.156	0	%100
60	M61	Z	-.667	-.667	0	%100
61	M62	X	3.661	3.661	0	%100
62	M62	Z	-2.114	-2.114	0	%100
63	M63	X	3.372	3.372	0	%100
64	M63	Z	-1.947	-1.947	0	%100
65	MP1A	X	2.953	2.953	0	%100
66	MP1A	Z	-1.705	-1.705	0	%100
67	MP1B	X	2.953	2.953	0	%100
68	MP1B	Z	-1.705	-1.705	0	%100
69	MP1C	X	2.953	2.953	0	%100
70	MP1C	Z	-1.705	-1.705	0	%100
71	MP2A	X	3.268	3.268	0	%100
72	MP2A	Z	-1.887	-1.887	0	%100
73	MP2B	X	3.268	3.268	0	%100
74	MP2B	Z	-1.887	-1.887	0	%100
75	MP2C	X	3.268	3.268	0	%100
76	MP2C	Z	-1.887	-1.887	0	%100
77	MP3A	X	2.953	2.953	0	%100
78	MP3A	Z	-1.705	-1.705	0	%100
79	MP3B	X	2.953	2.953	0	%100
80	MP3B	Z	-1.705	-1.705	0	%100
81	MP3C	X	2.953	2.953	0	%100
82	MP3C	Z	-1.705	-1.705	0	%100
83	MP4A	X	2.953	2.953	0	%100
84	MP4A	Z	-1.705	-1.705	0	%100
85	MP4B	X	2.953	2.953	0	%100
86	MP4B	Z	-1.705	-1.705	0	%100
87	MP4C	X	2.953	2.953	0	%100
88	MP4C	Z	-1.705	-1.705	0	%100
89	M73	X	.817	.817	0	%100
90	M73	Z	-.472	-.472	0	%100
91	M88A	X	.817	.817	0	%100
92	M88A	Z	-.472	-.472	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,%]
93	M91	X	3.268	3.268	0	%100
94	M91	Z	-1.887	-1.887	0	%100
95	M94	X	3.051	3.051	0	%100
96	M94	Z	-1.762	-1.762	0	%100
97	M95	X	.763	.763	0	%100
98	M95	Z	-.44	-.44	0	%100
99	M96	X	.763	.763	0	%100
100	M96	Z	-.44	-.44	0	%100
101	OVP	X	2.704	2.704	0	%100
102	OVP	Z	-1.561	-1.561	0	%100
103	M101A	X	.718	.718	0	%100
104	M101A	Z	-.415	-.415	0	%100
105	M102A	X	.718	.718	0	%100
106	M102A	Z	-.415	-.415	0	%100
107	M109	X	3.372	3.372	0	%100
108	M109	Z	-1.947	-1.947	0	%100
109	M110	X	.978	.978	0	%100
110	M110	Z	-.565	-.565	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	M1	X	4.264	4.264	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	4.004	4.004	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.004	4.004	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M10	X	5.342	5.342	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	4.004	4.004	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	5.342	5.342	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	4.004	4.004	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	0	0	0	%100
21	M25	X	1.066	1.066	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	3.172	3.172	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	0	0	0	%100
27	M28	X	4.004	4.004	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	4.077	4.077	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	1.335	1.335	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	0	0	0	%100
35	M36	X	1.335	1.335	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,%]
36	M36	Z	0	0	0	%100
37	M37	X	4.004	4.004	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	3.17	3.17	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	3.072	3.072	0	%100
42	M40	Z	0	0	0	%100
43	M49	X	1.066	1.066	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	3.172	3.172	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	4.004	4.004	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	4.077	4.077	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	1.335	1.335	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	4.004	4.004	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	1.335	1.335	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	3.17	3.17	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	3.072	3.072	0	%100
64	M63	Z	0	0	0	%100
65	MP1A	X	3.41	3.41	0	%100
66	MP1A	Z	0	0	0	%100
67	MP1B	X	3.41	3.41	0	%100
68	MP1B	Z	0	0	0	%100
69	MP1C	X	3.41	3.41	0	%100
70	MP1C	Z	0	0	0	%100
71	MP2A	X	3.773	3.773	0	%100
72	MP2A	Z	0	0	0	%100
73	MP2B	X	3.773	3.773	0	%100
74	MP2B	Z	0	0	0	%100
75	MP2C	X	3.773	3.773	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3A	X	3.41	3.41	0	%100
78	MP3A	Z	0	0	0	%100
79	MP3B	X	3.41	3.41	0	%100
80	MP3B	Z	0	0	0	%100
81	MP3C	X	3.41	3.41	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4A	X	3.41	3.41	0	%100
84	MP4A	Z	0	0	0	%100
85	MP4B	X	3.41	3.41	0	%100
86	MP4B	Z	0	0	0	%100
87	MP4C	X	3.41	3.41	0	%100
88	MP4C	Z	0	0	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	0	0	0	%100
91	M88A	X	2.83	2.83	0	%100
92	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M91	X	2.83	2.83	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	2.642	2.642	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	2.642	2.642	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	3.122	3.122	0	%100
102	OVP	Z	0	0	0	%100
103	M101A	X	.008	.008	0	%100
104	M101A	Z	0	0	0	%100
105	M102A	X	2.772	2.772	0	%100
106	M102A	Z	0	0	0	%100
107	M109	X	2.772	2.772	0	%100
108	M109	Z	0	0	0	%100
109	M110	X	.008	.008	0	%100
110	M110	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	M1	X	2.77	2.77	0	%100
2	M1	Z	1.599	1.599	0	%100
3	M2	X	.916	.916	0	%100
4	M2	Z	.529	.529	0	%100
5	M3	X	1.156	1.156	0	%100
6	M3	Z	.667	.667	0	%100
7	M4	X	4.624	4.624	0	%100
8	M4	Z	2.67	2.67	0	%100
9	M5	X	1.177	1.177	0	%100
10	M5	Z	.679	.679	0	%100
11	M10	X	3.47	3.47	0	%100
12	M10	Z	2.003	2.003	0	%100
13	M11	X	1.156	1.156	0	%100
14	M11	Z	.667	.667	0	%100
15	M12	X	3.47	3.47	0	%100
16	M12	Z	2.003	2.003	0	%100
17	M13	X	4.624	4.624	0	%100
18	M13	Z	2.67	2.67	0	%100
19	M14	X	.915	.915	0	%100
20	M14	Z	.528	.528	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	3.662	3.662	0	%100
24	M26	Z	2.114	2.114	0	%100
25	M27	X	1.156	1.156	0	%100
26	M27	Z	.667	.667	0	%100
27	M28	X	1.156	1.156	0	%100
28	M28	Z	.667	.667	0	%100
29	M29	X	4.708	4.708	0	%100
30	M29	Z	2.718	2.718	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	1.156	1.156	0	%100
34	M35	Z	.667	.667	0	%100
35	M36	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M36	Z	0	0	0	%100
37	M37	X	1.156	1.156	0	%100
38	M37	Z	.667	.667	0	%100
39	M38	X	3.661	3.661	0	%100
40	M38	Z	2.114	2.114	0	%100
41	M40	X	3.372	3.372	0	%100
42	M40	Z	1.947	1.947	0	%100
43	M49	X	2.77	2.77	0	%100
44	M49	Z	1.599	1.599	0	%100
45	M50	X	.916	.916	0	%100
46	M50	Z	.529	.529	0	%100
47	M51	X	4.624	4.624	0	%100
48	M51	Z	2.67	2.67	0	%100
49	M52	X	1.156	1.156	0	%100
50	M52	Z	.667	.667	0	%100
51	M53	X	1.177	1.177	0	%100
52	M53	Z	.679	.679	0	%100
53	M58	X	3.47	3.47	0	%100
54	M58	Z	2.003	2.003	0	%100
55	M59	X	4.624	4.624	0	%100
56	M59	Z	2.67	2.67	0	%100
57	M60	X	3.47	3.47	0	%100
58	M60	Z	2.003	2.003	0	%100
59	M61	X	1.156	1.156	0	%100
60	M61	Z	.667	.667	0	%100
61	M62	X	.915	.915	0	%100
62	M62	Z	.528	.528	0	%100
63	M63	X	.978	.978	0	%100
64	M63	Z	.565	.565	0	%100
65	MP1A	X	2.953	2.953	0	%100
66	MP1A	Z	1.705	1.705	0	%100
67	MP1B	X	2.953	2.953	0	%100
68	MP1B	Z	1.705	1.705	0	%100
69	MP1C	X	2.953	2.953	0	%100
70	MP1C	Z	1.705	1.705	0	%100
71	MP2A	X	3.268	3.268	0	%100
72	MP2A	Z	1.887	1.887	0	%100
73	MP2B	X	3.268	3.268	0	%100
74	MP2B	Z	1.887	1.887	0	%100
75	MP2C	X	3.268	3.268	0	%100
76	MP2C	Z	1.887	1.887	0	%100
77	MP3A	X	2.953	2.953	0	%100
78	MP3A	Z	1.705	1.705	0	%100
79	MP3B	X	2.953	2.953	0	%100
80	MP3B	Z	1.705	1.705	0	%100
81	MP3C	X	2.953	2.953	0	%100
82	MP3C	Z	1.705	1.705	0	%100
83	MP4A	X	2.953	2.953	0	%100
84	MP4A	Z	1.705	1.705	0	%100
85	MP4B	X	2.953	2.953	0	%100
86	MP4B	Z	1.705	1.705	0	%100
87	MP4C	X	2.953	2.953	0	%100
88	MP4C	Z	1.705	1.705	0	%100
89	M73	X	.817	.817	0	%100
90	M73	Z	.472	.472	0	%100
91	M88A	X	3.268	3.268	0	%100
92	M88A	Z	1.887	1.887	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,%]
93	M91	X	.817	.817	0	%100
94	M91	Z	.472	.472	0	%100
95	M94	X	.763	.763	0	%100
96	M94	Z	.44	.44	0	%100
97	M95	X	.763	.763	0	%100
98	M95	Z	.44	.44	0	%100
99	M96	X	3.051	3.051	0	%100
100	M96	Z	1.762	1.762	0	%100
101	OVP	X	2.704	2.704	0	%100
102	OVP	Z	1.561	1.561	0	%100
103	M101A	X	.978	.978	0	%100
104	M101A	Z	.565	.565	0	%100
105	M102A	X	3.372	3.372	0	%100
106	M102A	Z	1.947	1.947	0	%100
107	M109	X	.718	.718	0	%100
108	M109	Z	.415	.415	0	%100
109	M110	X	.718	.718	0	%100
110	M110	Z	.415	.415	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	M1	X	.533	.533	0	%100
2	M1	Z	.923	.923	0	%100
3	M2	X	1.586	1.586	0	%100
4	M2	Z	2.747	2.747	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	2.002	2.002	0	%100
8	M4	Z	3.468	3.468	0	%100
9	M5	X	2.038	2.038	0	%100
10	M5	Z	3.531	3.531	0	%100
11	M10	X	.668	.668	0	%100
12	M10	Z	1.157	1.157	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	.668	.668	0	%100
16	M12	Z	1.157	1.157	0	%100
17	M13	X	2.002	2.002	0	%100
18	M13	Z	3.468	3.468	0	%100
19	M14	X	1.585	1.585	0	%100
20	M14	Z	2.746	2.746	0	%100
21	M25	X	.533	.533	0	%100
22	M25	Z	.923	.923	0	%100
23	M26	X	1.586	1.586	0	%100
24	M26	Z	2.747	2.747	0	%100
25	M27	X	2.002	2.002	0	%100
26	M27	Z	3.468	3.468	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	2.038	2.038	0	%100
30	M29	Z	3.531	3.531	0	%100
31	M34	X	.668	.668	0	%100
32	M34	Z	1.157	1.157	0	%100
33	M35	X	2.002	2.002	0	%100
34	M35	Z	3.468	3.468	0	%100
35	M36	X	.668	.668	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,%]
36	M36	Z	1.157	1.157	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	1.585	1.585	0	%100
40	M38	Z	2.746	2.746	0	%100
41	M40	X	1.386	1.386	0	%100
42	M40	Z	2.401	2.401	0	%100
43	M49	X	2.132	2.132	0	%100
44	M49	Z	3.693	3.693	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	2.002	2.002	0	%100
48	M51	Z	3.468	3.468	0	%100
49	M52	X	2.002	2.002	0	%100
50	M52	Z	3.468	3.468	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	2.671	2.671	0	%100
54	M58	Z	4.626	4.626	0	%100
55	M59	X	2.002	2.002	0	%100
56	M59	Z	3.468	3.468	0	%100
57	M60	X	2.671	2.671	0	%100
58	M60	Z	4.626	4.626	0	%100
59	M61	X	2.002	2.002	0	%100
60	M61	Z	3.468	3.468	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	.004	.004	0	%100
64	M63	Z	.007	.007	0	%100
65	MP1A	X	1.705	1.705	0	%100
66	MP1A	Z	2.953	2.953	0	%100
67	MP1B	X	1.705	1.705	0	%100
68	MP1B	Z	2.953	2.953	0	%100
69	MP1C	X	1.705	1.705	0	%100
70	MP1C	Z	2.953	2.953	0	%100
71	MP2A	X	1.887	1.887	0	%100
72	MP2A	Z	3.268	3.268	0	%100
73	MP2B	X	1.887	1.887	0	%100
74	MP2B	Z	3.268	3.268	0	%100
75	MP2C	X	1.887	1.887	0	%100
76	MP2C	Z	3.268	3.268	0	%100
77	MP3A	X	1.705	1.705	0	%100
78	MP3A	Z	2.953	2.953	0	%100
79	MP3B	X	1.705	1.705	0	%100
80	MP3B	Z	2.953	2.953	0	%100
81	MP3C	X	1.705	1.705	0	%100
82	MP3C	Z	2.953	2.953	0	%100
83	MP4A	X	1.705	1.705	0	%100
84	MP4A	Z	2.953	2.953	0	%100
85	MP4B	X	1.705	1.705	0	%100
86	MP4B	Z	2.953	2.953	0	%100
87	MP4C	X	1.705	1.705	0	%100
88	MP4C	Z	2.953	2.953	0	%100
89	M73	X	1.415	1.415	0	%100
90	M73	Z	2.451	2.451	0	%100
91	M88A	X	1.415	1.415	0	%100
92	M88A	Z	2.451	2.451	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	1.321	1.321	0	%100
98	M95	Z	2.288	2.288	0	%100
99	M96	X	1.321	1.321	0	%100
100	M96	Z	2.288	2.288	0	%100
101	OVP	X	1.561	1.561	0	%100
102	OVP	Z	2.704	2.704	0	%100
103	M101A	X	1.536	1.536	0	%100
104	M101A	Z	2.661	2.661	0	%100
105	M102A	X	1.536	1.536	0	%100
106	M102A	Z	2.661	2.661	0	%100
107	M109	X	.004	.004	0	%100
108	M109	Z	.007	.007	0	%100
109	M110	X	1.386	1.386	0	%100
110	M110	Z	2.401	2.401	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	4.229	4.229	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.335	1.335	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.335	1.335	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	5.436	5.436	0	%100
11	M10	X	0	0	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	1.335	1.335	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	1.335	1.335	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	4.227	4.227	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	3.198	3.198	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	1.057	1.057	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	5.339	5.339	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	1.335	1.335	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	1.359	1.359	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	4.006	4.006	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	5.339	5.339	0	%100
35	M36	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,%]
36	M36	Z	4.006	4.006	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	1.335	1.335	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	1.057	1.057	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	.829	.829	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	3.198	3.198	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	1.057	1.057	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	1.335	1.335	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	5.339	5.339	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	1.359	1.359	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	4.006	4.006	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	1.335	1.335	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	4.006	4.006	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	5.339	5.339	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	1.057	1.057	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	.829	.829	0	%100
65	MP1A	X	0	0	0	%100
66	MP1A	Z	3.41	3.41	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	3.41	3.41	0	%100
69	MP1C	X	0	0	0	%100
70	MP1C	Z	3.41	3.41	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	3.773	3.773	0	%100
73	MP2B	X	0	0	0	%100
74	MP2B	Z	3.773	3.773	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	3.773	3.773	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	3.41	3.41	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	3.41	3.41	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	3.41	3.41	0	%100
83	MP4A	X	0	0	0	%100
84	MP4A	Z	3.41	3.41	0	%100
85	MP4B	X	0	0	0	%100
86	MP4B	Z	3.41	3.41	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	3.41	3.41	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	3.773	3.773	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	.943	.943	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	.943	.943	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	.881	.881	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	3.523	3.523	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	.881	.881	0	%100
101	OVP	X	0	0	0	%100
102	OVP	Z	3.122	3.122	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	3.894	3.894	0	%100
105	M102A	X	0	0	0	%100
106	M102A	Z	1.129	1.129	0	%100
107	M109	X	0	0	0	%100
108	M109	Z	1.129	1.129	0	%100
109	M110	X	0	0	0	%100
110	M110	Z	3.894	3.894	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	M1	X	-.533	-.533	0	%100
2	M1	Z	.923	.923	0	%100
3	M2	X	-1.586	-1.586	0	%100
4	M2	Z	2.747	2.747	0	%100
5	M3	X	-2.002	-2.002	0	%100
6	M3	Z	3.468	3.468	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-2.038	-2.038	0	%100
10	M5	Z	3.531	3.531	0	%100
11	M10	X	-.668	-.668	0	%100
12	M10	Z	1.157	1.157	0	%100
13	M11	X	-2.002	-2.002	0	%100
14	M11	Z	3.468	3.468	0	%100
15	M12	X	-.668	-.668	0	%100
16	M12	Z	1.157	1.157	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	-1.585	-1.585	0	%100
20	M14	Z	2.746	2.746	0	%100
21	M25	X	-2.132	-2.132	0	%100
22	M25	Z	3.693	3.693	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	-2.002	-2.002	0	%100
26	M27	Z	3.468	3.468	0	%100
27	M28	X	-2.002	-2.002	0	%100
28	M28	Z	3.468	3.468	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	-2.671	-2.671	0	%100
32	M34	Z	4.626	4.626	0	%100
33	M35	X	-2.002	-2.002	0	%100
34	M35	Z	3.468	3.468	0	%100
35	M36	X	-2.671	-2.671	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,%]
36	M36	Z	4.626	4.626	0	%100
37	M37	X	-2.002	-2.002	0	%100
38	M37	Z	3.468	3.468	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	-.004	-.004	0	%100
42	M40	Z	.007	.007	0	%100
43	M49	X	-.533	-.533	0	%100
44	M49	Z	.923	.923	0	%100
45	M50	X	-1.586	-1.586	0	%100
46	M50	Z	2.747	2.747	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	-2.002	-2.002	0	%100
50	M52	Z	3.468	3.468	0	%100
51	M53	X	-2.038	-2.038	0	%100
52	M53	Z	3.531	3.531	0	%100
53	M58	X	-.668	-.668	0	%100
54	M58	Z	1.157	1.157	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-.668	-.668	0	%100
58	M60	Z	1.157	1.157	0	%100
59	M61	X	-2.002	-2.002	0	%100
60	M61	Z	3.468	3.468	0	%100
61	M62	X	-1.585	-1.585	0	%100
62	M62	Z	2.746	2.746	0	%100
63	M63	X	-1.386	-1.386	0	%100
64	M63	Z	2.401	2.401	0	%100
65	MP1A	X	-1.705	-1.705	0	%100
66	MP1A	Z	2.953	2.953	0	%100
67	MP1B	X	-1.705	-1.705	0	%100
68	MP1B	Z	2.953	2.953	0	%100
69	MP1C	X	-1.705	-1.705	0	%100
70	MP1C	Z	2.953	2.953	0	%100
71	MP2A	X	-1.887	-1.887	0	%100
72	MP2A	Z	3.268	3.268	0	%100
73	MP2B	X	-1.887	-1.887	0	%100
74	MP2B	Z	3.268	3.268	0	%100
75	MP2C	X	-1.887	-1.887	0	%100
76	MP2C	Z	3.268	3.268	0	%100
77	MP3A	X	-1.705	-1.705	0	%100
78	MP3A	Z	2.953	2.953	0	%100
79	MP3B	X	-1.705	-1.705	0	%100
80	MP3B	Z	2.953	2.953	0	%100
81	MP3C	X	-1.705	-1.705	0	%100
82	MP3C	Z	2.953	2.953	0	%100
83	MP4A	X	-1.705	-1.705	0	%100
84	MP4A	Z	2.953	2.953	0	%100
85	MP4B	X	-1.705	-1.705	0	%100
86	MP4B	Z	2.953	2.953	0	%100
87	MP4C	X	-1.705	-1.705	0	%100
88	MP4C	Z	2.953	2.953	0	%100
89	M73	X	-1.415	-1.415	0	%100
90	M73	Z	2.451	2.451	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M91	X	-1.415	-1.415	0	%100
94	M91	Z	2.451	2.451	0	%100
95	M94	X	-1.321	-1.321	0	%100
96	M94	Z	2.288	2.288	0	%100
97	M95	X	-1.321	-1.321	0	%100
98	M95	Z	2.288	2.288	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	-1.561	-1.561	0	%100
102	OVP	Z	2.704	2.704	0	%100
103	M101A	X	-1.386	-1.386	0	%100
104	M101A	Z	2.401	2.401	0	%100
105	M102A	X	-.004	-.004	0	%100
106	M102A	Z	.007	.007	0	%100
107	M109	X	-1.536	-1.536	0	%100
108	M109	Z	2.661	2.661	0	%100
109	M110	X	-1.536	-1.536	0	%100
110	M110	Z	2.661	2.661	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	M1	X	-2.77	-2.77	0	%100
2	M1	Z	1.599	1.599	0	%100
3	M2	X	-.916	-.916	0	%100
4	M2	Z	.529	.529	0	%100
5	M3	X	-4.624	-4.624	0	%100
6	M3	Z	2.67	2.67	0	%100
7	M4	X	-1.156	-1.156	0	%100
8	M4	Z	.667	.667	0	%100
9	M5	X	-1.177	-1.177	0	%100
10	M5	Z	.679	.679	0	%100
11	M10	X	-3.47	-3.47	0	%100
12	M10	Z	2.003	2.003	0	%100
13	M11	X	-4.624	-4.624	0	%100
14	M11	Z	2.67	2.67	0	%100
15	M12	X	-3.47	-3.47	0	%100
16	M12	Z	2.003	2.003	0	%100
17	M13	X	-1.156	-1.156	0	%100
18	M13	Z	.667	.667	0	%100
19	M14	X	-.915	-.915	0	%100
20	M14	Z	.528	.528	0	%100
21	M25	X	-2.77	-2.77	0	%100
22	M25	Z	1.599	1.599	0	%100
23	M26	X	-.916	-.916	0	%100
24	M26	Z	.529	.529	0	%100
25	M27	X	-1.156	-1.156	0	%100
26	M27	Z	.667	.667	0	%100
27	M28	X	-4.624	-4.624	0	%100
28	M28	Z	2.67	2.67	0	%100
29	M29	X	-1.177	-1.177	0	%100
30	M29	Z	.679	.679	0	%100
31	M34	X	-3.47	-3.47	0	%100
32	M34	Z	2.003	2.003	0	%100
33	M35	X	-1.156	-1.156	0	%100
34	M35	Z	.667	.667	0	%100
35	M36	X	-3.47	-3.47	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,%]
36	M36	Z	2.003	2.003	0	%100
37	M37	X	-4.624	-4.624	0	%100
38	M37	Z	2.67	2.67	0	%100
39	M38	X	-.915	-.915	0	%100
40	M38	Z	.528	.528	0	%100
41	M40	X	-.978	-.978	0	%100
42	M40	Z	.565	.565	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	-3.662	-3.662	0	%100
46	M50	Z	2.114	2.114	0	%100
47	M51	X	-1.156	-1.156	0	%100
48	M51	Z	.667	.667	0	%100
49	M52	X	-1.156	-1.156	0	%100
50	M52	Z	.667	.667	0	%100
51	M53	X	-4.708	-4.708	0	%100
52	M53	Z	2.718	2.718	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-1.156	-1.156	0	%100
56	M59	Z	.667	.667	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	-1.156	-1.156	0	%100
60	M61	Z	.667	.667	0	%100
61	M62	X	-3.661	-3.661	0	%100
62	M62	Z	2.114	2.114	0	%100
63	M63	X	-3.372	-3.372	0	%100
64	M63	Z	1.947	1.947	0	%100
65	MP1A	X	-2.953	-2.953	0	%100
66	MP1A	Z	1.705	1.705	0	%100
67	MP1B	X	-2.953	-2.953	0	%100
68	MP1B	Z	1.705	1.705	0	%100
69	MP1C	X	-2.953	-2.953	0	%100
70	MP1C	Z	1.705	1.705	0	%100
71	MP2A	X	-3.268	-3.268	0	%100
72	MP2A	Z	1.887	1.887	0	%100
73	MP2B	X	-3.268	-3.268	0	%100
74	MP2B	Z	1.887	1.887	0	%100
75	MP2C	X	-3.268	-3.268	0	%100
76	MP2C	Z	1.887	1.887	0	%100
77	MP3A	X	-2.953	-2.953	0	%100
78	MP3A	Z	1.705	1.705	0	%100
79	MP3B	X	-2.953	-2.953	0	%100
80	MP3B	Z	1.705	1.705	0	%100
81	MP3C	X	-2.953	-2.953	0	%100
82	MP3C	Z	1.705	1.705	0	%100
83	MP4A	X	-2.953	-2.953	0	%100
84	MP4A	Z	1.705	1.705	0	%100
85	MP4B	X	-2.953	-2.953	0	%100
86	MP4B	Z	1.705	1.705	0	%100
87	MP4C	X	-2.953	-2.953	0	%100
88	MP4C	Z	1.705	1.705	0	%100
89	M73	X	-.817	-.817	0	%100
90	M73	Z	.472	.472	0	%100
91	M88A	X	-.817	-.817	0	%100
92	M88A	Z	.472	.472	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,%]
93	M91	X	-3.268	-3.268	0	%100
94	M91	Z	1.887	1.887	0	%100
95	M94	X	-3.051	-3.051	0	%100
96	M94	Z	1.762	1.762	0	%100
97	M95	X	-.763	-.763	0	%100
98	M95	Z	.44	.44	0	%100
99	M96	X	-.763	-.763	0	%100
100	M96	Z	.44	.44	0	%100
101	OVP	X	-2.704	-2.704	0	%100
102	OVP	Z	1.561	1.561	0	%100
103	M101A	X	-.718	-.718	0	%100
104	M101A	Z	.415	.415	0	%100
105	M102A	X	-.718	-.718	0	%100
106	M102A	Z	.415	.415	0	%100
107	M109	X	-3.372	-3.372	0	%100
108	M109	Z	1.947	1.947	0	%100
109	M110	X	-.978	-.978	0	%100
110	M110	Z	.565	.565	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	M1	X	-4.264	-4.264	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-4.004	-4.004	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.004	-4.004	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M10	X	-5.342	-5.342	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	-4.004	-4.004	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	-5.342	-5.342	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	-4.004	-4.004	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	0	0	0	%100
21	M25	X	-1.066	-1.066	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	-3.172	-3.172	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	0	0	0	%100
27	M28	X	-4.004	-4.004	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	-4.077	-4.077	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	-1.335	-1.335	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	0	0	0	%100
35	M36	X	-1.335	-1.335	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,%]
36	M36	Z	0	0	0	%100
37	M37	X	-4.004	-4.004	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-3.17	-3.17	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	-3.072	-3.072	0	%100
42	M40	Z	0	0	0	%100
43	M49	X	-1.066	-1.066	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	-3.172	-3.172	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-4.004	-4.004	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	-4.077	-4.077	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	-1.335	-1.335	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-4.004	-4.004	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-1.335	-1.335	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-3.17	-3.17	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-3.072	-3.072	0	%100
64	M63	Z	0	0	0	%100
65	MP1A	X	-3.41	-3.41	0	%100
66	MP1A	Z	0	0	0	%100
67	MP1B	X	-3.41	-3.41	0	%100
68	MP1B	Z	0	0	0	%100
69	MP1C	X	-3.41	-3.41	0	%100
70	MP1C	Z	0	0	0	%100
71	MP2A	X	-3.773	-3.773	0	%100
72	MP2A	Z	0	0	0	%100
73	MP2B	X	-3.773	-3.773	0	%100
74	MP2B	Z	0	0	0	%100
75	MP2C	X	-3.773	-3.773	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3A	X	-3.41	-3.41	0	%100
78	MP3A	Z	0	0	0	%100
79	MP3B	X	-3.41	-3.41	0	%100
80	MP3B	Z	0	0	0	%100
81	MP3C	X	-3.41	-3.41	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4A	X	-3.41	-3.41	0	%100
84	MP4A	Z	0	0	0	%100
85	MP4B	X	-3.41	-3.41	0	%100
86	MP4B	Z	0	0	0	%100
87	MP4C	X	-3.41	-3.41	0	%100
88	MP4C	Z	0	0	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	0	0	0	%100
91	M88A	X	-2.83	-2.83	0	%100
92	M88A	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,%]
93	M91	X	-2.83	-2.83	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	-2.642	-2.642	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-2.642	-2.642	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	-3.122	-3.122	0	%100
102	OVP	Z	0	0	0	%100
103	M101A	X	-.008	-.008	0	%100
104	M101A	Z	0	0	0	%100
105	M102A	X	-2.772	-2.772	0	%100
106	M102A	Z	0	0	0	%100
107	M109	X	-2.772	-2.772	0	%100
108	M109	Z	0	0	0	%100
109	M110	X	-.008	-.008	0	%100
110	M110	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	M1	X	-2.77	-2.77	0	%100
2	M1	Z	-1.599	-1.599	0	%100
3	M2	X	-.916	-.916	0	%100
4	M2	Z	-.529	-.529	0	%100
5	M3	X	-1.156	-1.156	0	%100
6	M3	Z	-.667	-.667	0	%100
7	M4	X	-4.624	-4.624	0	%100
8	M4	Z	-2.67	-2.67	0	%100
9	M5	X	-1.177	-1.177	0	%100
10	M5	Z	-.679	-.679	0	%100
11	M10	X	-3.47	-3.47	0	%100
12	M10	Z	-2.003	-2.003	0	%100
13	M11	X	-1.156	-1.156	0	%100
14	M11	Z	-.667	-.667	0	%100
15	M12	X	-3.47	-3.47	0	%100
16	M12	Z	-2.003	-2.003	0	%100
17	M13	X	-4.624	-4.624	0	%100
18	M13	Z	-2.67	-2.67	0	%100
19	M14	X	-.915	-.915	0	%100
20	M14	Z	-.528	-.528	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	-3.662	-3.662	0	%100
24	M26	Z	-2.114	-2.114	0	%100
25	M27	X	-1.156	-1.156	0	%100
26	M27	Z	-.667	-.667	0	%100
27	M28	X	-1.156	-1.156	0	%100
28	M28	Z	-.667	-.667	0	%100
29	M29	X	-4.708	-4.708	0	%100
30	M29	Z	-2.718	-2.718	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	-1.156	-1.156	0	%100
34	M35	Z	-.667	-.667	0	%100
35	M36	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M36	Z	0	0	0	%100
37	M37	X	-1.156	-1.156	0	%100
38	M37	Z	-.667	-.667	0	%100
39	M38	X	-3.661	-3.661	0	%100
40	M38	Z	-2.114	-2.114	0	%100
41	M40	X	-3.372	-3.372	0	%100
42	M40	Z	-1.947	-1.947	0	%100
43	M49	X	-2.77	-2.77	0	%100
44	M49	Z	-1.599	-1.599	0	%100
45	M50	X	-.916	-.916	0	%100
46	M50	Z	-.529	-.529	0	%100
47	M51	X	-4.624	-4.624	0	%100
48	M51	Z	-2.67	-2.67	0	%100
49	M52	X	-1.156	-1.156	0	%100
50	M52	Z	-.667	-.667	0	%100
51	M53	X	-1.177	-1.177	0	%100
52	M53	Z	-.679	-.679	0	%100
53	M58	X	-3.47	-3.47	0	%100
54	M58	Z	-2.003	-2.003	0	%100
55	M59	X	-4.624	-4.624	0	%100
56	M59	Z	-2.67	-2.67	0	%100
57	M60	X	-3.47	-3.47	0	%100
58	M60	Z	-2.003	-2.003	0	%100
59	M61	X	-1.156	-1.156	0	%100
60	M61	Z	-.667	-.667	0	%100
61	M62	X	-.915	-.915	0	%100
62	M62	Z	-.528	-.528	0	%100
63	M63	X	-.978	-.978	0	%100
64	M63	Z	-.565	-.565	0	%100
65	MP1A	X	-2.953	-2.953	0	%100
66	MP1A	Z	-1.705	-1.705	0	%100
67	MP1B	X	-2.953	-2.953	0	%100
68	MP1B	Z	-1.705	-1.705	0	%100
69	MP1C	X	-2.953	-2.953	0	%100
70	MP1C	Z	-1.705	-1.705	0	%100
71	MP2A	X	-3.268	-3.268	0	%100
72	MP2A	Z	-1.887	-1.887	0	%100
73	MP2B	X	-3.268	-3.268	0	%100
74	MP2B	Z	-1.887	-1.887	0	%100
75	MP2C	X	-3.268	-3.268	0	%100
76	MP2C	Z	-1.887	-1.887	0	%100
77	MP3A	X	-2.953	-2.953	0	%100
78	MP3A	Z	-1.705	-1.705	0	%100
79	MP3B	X	-2.953	-2.953	0	%100
80	MP3B	Z	-1.705	-1.705	0	%100
81	MP3C	X	-2.953	-2.953	0	%100
82	MP3C	Z	-1.705	-1.705	0	%100
83	MP4A	X	-2.953	-2.953	0	%100
84	MP4A	Z	-1.705	-1.705	0	%100
85	MP4B	X	-2.953	-2.953	0	%100
86	MP4B	Z	-1.705	-1.705	0	%100
87	MP4C	X	-2.953	-2.953	0	%100
88	MP4C	Z	-1.705	-1.705	0	%100
89	M73	X	-.817	-.817	0	%100
90	M73	Z	-.472	-.472	0	%100
91	M88A	X	-3.268	-3.268	0	%100
92	M88A	Z	-1.887	-1.887	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,%]
93	M91	X	-.817	-.817	0	%100
94	M91	Z	-.472	-.472	0	%100
95	M94	X	-.763	-.763	0	%100
96	M94	Z	-.44	-.44	0	%100
97	M95	X	-.763	-.763	0	%100
98	M95	Z	-.44	-.44	0	%100
99	M96	X	-3.051	-3.051	0	%100
100	M96	Z	-1.762	-1.762	0	%100
101	OVP	X	-2.704	-2.704	0	%100
102	OVP	Z	-1.561	-1.561	0	%100
103	M101A	X	-.978	-.978	0	%100
104	M101A	Z	-.565	-.565	0	%100
105	M102A	X	-3.372	-3.372	0	%100
106	M102A	Z	-1.947	-1.947	0	%100
107	M109	X	-.718	-.718	0	%100
108	M109	Z	-.415	-.415	0	%100
109	M110	X	-.718	-.718	0	%100
110	M110	Z	-.415	-.415	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	M1	X	-.533	-.533	0	%100
2	M1	Z	-.923	-.923	0	%100
3	M2	X	-1.586	-1.586	0	%100
4	M2	Z	-2.747	-2.747	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-2.002	-2.002	0	%100
8	M4	Z	-3.468	-3.468	0	%100
9	M5	X	-2.038	-2.038	0	%100
10	M5	Z	-3.531	-3.531	0	%100
11	M10	X	-.668	-.668	0	%100
12	M10	Z	-1.157	-1.157	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	-.668	-.668	0	%100
16	M12	Z	-1.157	-1.157	0	%100
17	M13	X	-2.002	-2.002	0	%100
18	M13	Z	-3.468	-3.468	0	%100
19	M14	X	-1.585	-1.585	0	%100
20	M14	Z	-2.746	-2.746	0	%100
21	M25	X	-.533	-.533	0	%100
22	M25	Z	-.923	-.923	0	%100
23	M26	X	-1.586	-1.586	0	%100
24	M26	Z	-2.747	-2.747	0	%100
25	M27	X	-2.002	-2.002	0	%100
26	M27	Z	-3.468	-3.468	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	-2.038	-2.038	0	%100
30	M29	Z	-3.531	-3.531	0	%100
31	M34	X	-.668	-.668	0	%100
32	M34	Z	-1.157	-1.157	0	%100
33	M35	X	-2.002	-2.002	0	%100
34	M35	Z	-3.468	-3.468	0	%100
35	M36	X	-.668	-.668	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,%]
36	M36	Z	-1.157	-1.157	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-1.585	-1.585	0	%100
40	M38	Z	-2.746	-2.746	0	%100
41	M40	X	-1.386	-1.386	0	%100
42	M40	Z	-2.401	-2.401	0	%100
43	M49	X	-2.132	-2.132	0	%100
44	M49	Z	-3.693	-3.693	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-2.002	-2.002	0	%100
48	M51	Z	-3.468	-3.468	0	%100
49	M52	X	-2.002	-2.002	0	%100
50	M52	Z	-3.468	-3.468	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	-2.671	-2.671	0	%100
54	M58	Z	-4.626	-4.626	0	%100
55	M59	X	-2.002	-2.002	0	%100
56	M59	Z	-3.468	-3.468	0	%100
57	M60	X	-2.671	-2.671	0	%100
58	M60	Z	-4.626	-4.626	0	%100
59	M61	X	-2.002	-2.002	0	%100
60	M61	Z	-3.468	-3.468	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-.004	-.004	0	%100
64	M63	Z	-.007	-.007	0	%100
65	MP1A	X	-1.705	-1.705	0	%100
66	MP1A	Z	-2.953	-2.953	0	%100
67	MP1B	X	-1.705	-1.705	0	%100
68	MP1B	Z	-2.953	-2.953	0	%100
69	MP1C	X	-1.705	-1.705	0	%100
70	MP1C	Z	-2.953	-2.953	0	%100
71	MP2A	X	-1.887	-1.887	0	%100
72	MP2A	Z	-3.268	-3.268	0	%100
73	MP2B	X	-1.887	-1.887	0	%100
74	MP2B	Z	-3.268	-3.268	0	%100
75	MP2C	X	-1.887	-1.887	0	%100
76	MP2C	Z	-3.268	-3.268	0	%100
77	MP3A	X	-1.705	-1.705	0	%100
78	MP3A	Z	-2.953	-2.953	0	%100
79	MP3B	X	-1.705	-1.705	0	%100
80	MP3B	Z	-2.953	-2.953	0	%100
81	MP3C	X	-1.705	-1.705	0	%100
82	MP3C	Z	-2.953	-2.953	0	%100
83	MP4A	X	-1.705	-1.705	0	%100
84	MP4A	Z	-2.953	-2.953	0	%100
85	MP4B	X	-1.705	-1.705	0	%100
86	MP4B	Z	-2.953	-2.953	0	%100
87	MP4C	X	-1.705	-1.705	0	%100
88	MP4C	Z	-2.953	-2.953	0	%100
89	M73	X	-1.415	-1.415	0	%100
90	M73	Z	-2.451	-2.451	0	%100
91	M88A	X	-1.415	-1.415	0	%100
92	M88A	Z	-2.451	-2.451	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	-1.321	-1.321	0	%100
98	M95	Z	-2.288	-2.288	0	%100
99	M96	X	-1.321	-1.321	0	%100
100	M96	Z	-2.288	-2.288	0	%100
101	OVP	X	-1.561	-1.561	0	%100
102	OVP	Z	-2.704	-2.704	0	%100
103	M101A	X	-1.536	-1.536	0	%100
104	M101A	Z	-2.661	-2.661	0	%100
105	M102A	X	-1.536	-1.536	0	%100
106	M102A	Z	-2.661	-2.661	0	%100
107	M109	X	-.004	-.004	0	%100
108	M109	Z	-.007	-.007	0	%100
109	M110	X	-1.386	-1.386	0	%100
110	M110	Z	-2.401	-2.401	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.915	-.915	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.392	-.392	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.392	-.392	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.568	-1.568	0	%100
11	M10	X	0	0	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	-.392	-.392	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	-.392	-.392	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	-.915	-.915	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	-.696	-.696	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	-.229	-.229	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	-1.568	-1.568	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	-.392	-.392	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	-.392	-.392	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	-1.176	-1.176	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	-1.568	-1.568	0	%100
35	M36	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,%]
36	M36	Z	-1.176	-1.176	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	-.392	-.392	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-.229	-.229	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	-.181	-.181	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	-.696	-.696	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	-.229	-.229	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	-.392	-.392	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	-1.568	-1.568	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	-.392	-.392	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	-1.176	-1.176	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	-.392	-.392	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	-1.176	-1.176	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-1.568	-1.568	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	-.229	-.229	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	-.181	-.181	0	%100
65	MP1A	X	0	0	0	%100
66	MP1A	Z	-.621	-.621	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	-.621	-.621	0	%100
69	MP1C	X	0	0	0	%100
70	MP1C	Z	-.621	-.621	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	-.751	-.751	0	%100
73	MP2B	X	0	0	0	%100
74	MP2B	Z	-.751	-.751	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-.751	-.751	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	-.621	-.621	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	-.621	-.621	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	-.621	-.621	0	%100
83	MP4A	X	0	0	0	%100
84	MP4A	Z	-.621	-.621	0	%100
85	MP4B	X	0	0	0	%100
86	MP4B	Z	-.621	-.621	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-.621	-.621	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	-.751	-.751	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	-.188	-.188	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	-.188	-.188	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	-.216	-.216	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	-.865	-.865	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	-.216	-.216	0	%100
101	OVP	X	0	0	0	%100
102	OVP	Z	-.566	-.566	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	-.849	-.849	0	%100
105	M102A	X	0	0	0	%100
106	M102A	Z	-.246	-.246	0	%100
107	M109	X	0	0	0	%100
108	M109	Z	-.246	-.246	0	%100
109	M110	X	0	0	0	%100
110	M110	Z	-.849	-.849	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	M1	X	.116	.116	0	%100
2	M1	Z	-.201	-.201	0	%100
3	M2	X	.343	.343	0	%100
4	M2	Z	-.594	-.594	0	%100
5	M3	X	.588	.588	0	%100
6	M3	Z	-1.018	-1.018	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.588	.588	0	%100
10	M5	Z	-1.018	-1.018	0	%100
11	M10	X	.196	.196	0	%100
12	M10	Z	-.339	-.339	0	%100
13	M11	X	.588	.588	0	%100
14	M11	Z	-1.018	-1.018	0	%100
15	M12	X	.196	.196	0	%100
16	M12	Z	-.339	-.339	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	.343	.343	0	%100
20	M14	Z	-.594	-.594	0	%100
21	M25	X	.464	.464	0	%100
22	M25	Z	-.804	-.804	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	.588	.588	0	%100
26	M27	Z	-1.018	-1.018	0	%100
27	M28	X	.588	.588	0	%100
28	M28	Z	-1.018	-1.018	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	.784	.784	0	%100
32	M34	Z	-1.358	-1.358	0	%100
33	M35	X	.588	.588	0	%100
34	M35	Z	-1.018	-1.018	0	%100
35	M36	X	.784	.784	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,%]
36	M36	Z	-1.358	-1.358	0	%100
37	M37	X	.588	.588	0	%100
38	M37	Z	-1.018	-1.018	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	.000842	.000842	0	%100
42	M40	Z	-.001	-.001	0	%100
43	M49	X	.116	.116	0	%100
44	M49	Z	-.201	-.201	0	%100
45	M50	X	.343	.343	0	%100
46	M50	Z	-.594	-.594	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	.588	.588	0	%100
50	M52	Z	-1.018	-1.018	0	%100
51	M53	X	.588	.588	0	%100
52	M53	Z	-1.018	-1.018	0	%100
53	M58	X	.196	.196	0	%100
54	M58	Z	-.339	-.339	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	.196	.196	0	%100
58	M60	Z	-.339	-.339	0	%100
59	M61	X	.588	.588	0	%100
60	M61	Z	-1.018	-1.018	0	%100
61	M62	X	.343	.343	0	%100
62	M62	Z	-.594	-.594	0	%100
63	M63	X	.302	.302	0	%100
64	M63	Z	-.523	-.523	0	%100
65	MP1A	X	.31	.31	0	%100
66	MP1A	Z	-.538	-.538	0	%100
67	MP1B	X	.31	.31	0	%100
68	MP1B	Z	-.538	-.538	0	%100
69	MP1C	X	.31	.31	0	%100
70	MP1C	Z	-.538	-.538	0	%100
71	MP2A	X	.376	.376	0	%100
72	MP2A	Z	-.651	-.651	0	%100
73	MP2B	X	.376	.376	0	%100
74	MP2B	Z	-.651	-.651	0	%100
75	MP2C	X	.376	.376	0	%100
76	MP2C	Z	-.651	-.651	0	%100
77	MP3A	X	.31	.31	0	%100
78	MP3A	Z	-.538	-.538	0	%100
79	MP3B	X	.31	.31	0	%100
80	MP3B	Z	-.538	-.538	0	%100
81	MP3C	X	.31	.31	0	%100
82	MP3C	Z	-.538	-.538	0	%100
83	MP4A	X	.31	.31	0	%100
84	MP4A	Z	-.538	-.538	0	%100
85	MP4B	X	.31	.31	0	%100
86	MP4B	Z	-.538	-.538	0	%100
87	MP4C	X	.31	.31	0	%100
88	MP4C	Z	-.538	-.538	0	%100
89	M73	X	.282	.282	0	%100
90	M73	Z	-.488	-.488	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M91	X	.282	.282	0	%100
94	M91	Z	-.488	-.488	0	%100
95	M94	X	.324	.324	0	%100
96	M94	Z	-.562	-.562	0	%100
97	M95	X	.324	.324	0	%100
98	M95	Z	-.562	-.562	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	.283	.283	0	%100
102	OVP	Z	-.49	-.49	0	%100
103	M101A	X	.302	.302	0	%100
104	M101A	Z	-.523	-.523	0	%100
105	M102A	X	.000842	.000842	0	%100
106	M102A	Z	-.001	-.001	0	%100
107	M109	X	.335	.335	0	%100
108	M109	Z	-.58	-.58	0	%100
109	M110	X	.335	.335	0	%100
110	M110	Z	-.58	-.58	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	M1	X	.603	.603	0	%100
2	M1	Z	-.348	-.348	0	%100
3	M2	X	.198	.198	0	%100
4	M2	Z	-.114	-.114	0	%100
5	M3	X	1.358	1.358	0	%100
6	M3	Z	-.784	-.784	0	%100
7	M4	X	.339	.339	0	%100
8	M4	Z	-.196	-.196	0	%100
9	M5	X	.339	.339	0	%100
10	M5	Z	-.196	-.196	0	%100
11	M10	X	1.018	1.018	0	%100
12	M10	Z	-.588	-.588	0	%100
13	M11	X	1.358	1.358	0	%100
14	M11	Z	-.784	-.784	0	%100
15	M12	X	1.018	1.018	0	%100
16	M12	Z	-.588	-.588	0	%100
17	M13	X	.339	.339	0	%100
18	M13	Z	-.196	-.196	0	%100
19	M14	X	.198	.198	0	%100
20	M14	Z	-.114	-.114	0	%100
21	M25	X	.603	.603	0	%100
22	M25	Z	-.348	-.348	0	%100
23	M26	X	.198	.198	0	%100
24	M26	Z	-.114	-.114	0	%100
25	M27	X	.339	.339	0	%100
26	M27	Z	-.196	-.196	0	%100
27	M28	X	1.358	1.358	0	%100
28	M28	Z	-.784	-.784	0	%100
29	M29	X	.339	.339	0	%100
30	M29	Z	-.196	-.196	0	%100
31	M34	X	1.018	1.018	0	%100
32	M34	Z	-.588	-.588	0	%100
33	M35	X	.339	.339	0	%100
34	M35	Z	-.196	-.196	0	%100
35	M36	X	1.018	1.018	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,%]
36	M36	Z	-.588	-.588	0	%100
37	M37	X	1.358	1.358	0	%100
38	M37	Z	-.784	-.784	0	%100
39	M38	X	.198	.198	0	%100
40	M38	Z	-.114	-.114	0	%100
41	M40	X	.213	.213	0	%100
42	M40	Z	-.123	-.123	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	.793	.793	0	%100
46	M50	Z	-.458	-.458	0	%100
47	M51	X	.339	.339	0	%100
48	M51	Z	-.196	-.196	0	%100
49	M52	X	.339	.339	0	%100
50	M52	Z	-.196	-.196	0	%100
51	M53	X	1.358	1.358	0	%100
52	M53	Z	-.784	-.784	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	.339	.339	0	%100
56	M59	Z	-.196	-.196	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	.339	.339	0	%100
60	M61	Z	-.196	-.196	0	%100
61	M62	X	.792	.792	0	%100
62	M62	Z	-.457	-.457	0	%100
63	M63	X	.735	.735	0	%100
64	M63	Z	-.424	-.424	0	%100
65	MP1A	X	.538	.538	0	%100
66	MP1A	Z	-.31	-.31	0	%100
67	MP1B	X	.538	.538	0	%100
68	MP1B	Z	-.31	-.31	0	%100
69	MP1C	X	.538	.538	0	%100
70	MP1C	Z	-.31	-.31	0	%100
71	MP2A	X	.651	.651	0	%100
72	MP2A	Z	-.376	-.376	0	%100
73	MP2B	X	.651	.651	0	%100
74	MP2B	Z	-.376	-.376	0	%100
75	MP2C	X	.651	.651	0	%100
76	MP2C	Z	-.376	-.376	0	%100
77	MP3A	X	.538	.538	0	%100
78	MP3A	Z	-.31	-.31	0	%100
79	MP3B	X	.538	.538	0	%100
80	MP3B	Z	-.31	-.31	0	%100
81	MP3C	X	.538	.538	0	%100
82	MP3C	Z	-.31	-.31	0	%100
83	MP4A	X	.538	.538	0	%100
84	MP4A	Z	-.31	-.31	0	%100
85	MP4B	X	.538	.538	0	%100
86	MP4B	Z	-.31	-.31	0	%100
87	MP4C	X	.538	.538	0	%100
88	MP4C	Z	-.31	-.31	0	%100
89	M73	X	.163	.163	0	%100
90	M73	Z	-.094	-.094	0	%100
91	M88A	X	.163	.163	0	%100
92	M88A	Z	-.094	-.094	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,%]
93	M91	X	.651	.651	0	%100
94	M91	Z	-.376	-.376	0	%100
95	M94	X	.749	.749	0	%100
96	M94	Z	-.433	-.433	0	%100
97	M95	X	.187	.187	0	%100
98	M95	Z	-.108	-.108	0	%100
99	M96	X	.187	.187	0	%100
100	M96	Z	-.108	-.108	0	%100
101	OVP	X	.49	.49	0	%100
102	OVP	Z	-.283	-.283	0	%100
103	M101A	X	.156	.156	0	%100
104	M101A	Z	-.09	-.09	0	%100
105	M102A	X	.156	.156	0	%100
106	M102A	Z	-.09	-.09	0	%100
107	M109	X	.735	.735	0	%100
108	M109	Z	-.424	-.424	0	%100
109	M110	X	.213	.213	0	%100
110	M110	Z	-.123	-.123	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	M1	X	.928	.928	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.176	1.176	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.176	1.176	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M10	X	1.568	1.568	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	1.176	1.176	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	1.568	1.568	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	1.176	1.176	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	0	0	0	%100
21	M25	X	.232	.232	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	.686	.686	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	0	0	0	%100
27	M28	X	1.176	1.176	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	1.176	1.176	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	.392	.392	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	0	0	0	%100
35	M36	X	.392	.392	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,%]
36	M36	Z	0	0	0	%100
37	M37	X	1.176	1.176	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	.686	.686	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	.67	.67	0	%100
42	M40	Z	0	0	0	%100
43	M49	X	.232	.232	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	.686	.686	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	1.176	1.176	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	1.176	1.176	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	.392	.392	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	1.176	1.176	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	.392	.392	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	.686	.686	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	.67	.67	0	%100
64	M63	Z	0	0	0	%100
65	MP1A	X	.621	.621	0	%100
66	MP1A	Z	0	0	0	%100
67	MP1B	X	.621	.621	0	%100
68	MP1B	Z	0	0	0	%100
69	MP1C	X	.621	.621	0	%100
70	MP1C	Z	0	0	0	%100
71	MP2A	X	.751	.751	0	%100
72	MP2A	Z	0	0	0	%100
73	MP2B	X	.751	.751	0	%100
74	MP2B	Z	0	0	0	%100
75	MP2C	X	.751	.751	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3A	X	.621	.621	0	%100
78	MP3A	Z	0	0	0	%100
79	MP3B	X	.621	.621	0	%100
80	MP3B	Z	0	0	0	%100
81	MP3C	X	.621	.621	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4A	X	.621	.621	0	%100
84	MP4A	Z	0	0	0	%100
85	MP4B	X	.621	.621	0	%100
86	MP4B	Z	0	0	0	%100
87	MP4C	X	.621	.621	0	%100
88	MP4C	Z	0	0	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	0	0	0	%100
91	M88A	X	.563	.563	0	%100
92	M88A	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,%]
93	M91	X	.563	.563	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	.649	.649	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	.649	.649	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	.566	.566	0	%100
102	OVP	Z	0	0	0	%100
103	M101A	X	.002	.002	0	%100
104	M101A	Z	0	0	0	%100
105	M102A	X	.604	.604	0	%100
106	M102A	Z	0	0	0	%100
107	M109	X	.604	.604	0	%100
108	M109	Z	0	0	0	%100
109	M110	X	.002	.002	0	%100
110	M110	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	M1	X	.603	.603	0	%100
2	M1	Z	.348	.348	0	%100
3	M2	X	.198	.198	0	%100
4	M2	Z	.114	.114	0	%100
5	M3	X	.339	.339	0	%100
6	M3	Z	.196	.196	0	%100
7	M4	X	1.358	1.358	0	%100
8	M4	Z	.784	.784	0	%100
9	M5	X	.339	.339	0	%100
10	M5	Z	.196	.196	0	%100
11	M10	X	1.018	1.018	0	%100
12	M10	Z	.588	.588	0	%100
13	M11	X	.339	.339	0	%100
14	M11	Z	.196	.196	0	%100
15	M12	X	1.018	1.018	0	%100
16	M12	Z	.588	.588	0	%100
17	M13	X	1.358	1.358	0	%100
18	M13	Z	.784	.784	0	%100
19	M14	X	.198	.198	0	%100
20	M14	Z	.114	.114	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	.793	.793	0	%100
24	M26	Z	.458	.458	0	%100
25	M27	X	.339	.339	0	%100
26	M27	Z	.196	.196	0	%100
27	M28	X	.339	.339	0	%100
28	M28	Z	.196	.196	0	%100
29	M29	X	1.358	1.358	0	%100
30	M29	Z	.784	.784	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	.339	.339	0	%100
34	M35	Z	.196	.196	0	%100
35	M36	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M36	Z	0	0	0	%100
37	M37	X	.339	.339	0	%100
38	M37	Z	.196	.196	0	%100
39	M38	X	.792	.792	0	%100
40	M38	Z	.457	.457	0	%100
41	M40	X	.735	.735	0	%100
42	M40	Z	.424	.424	0	%100
43	M49	X	.603	.603	0	%100
44	M49	Z	.348	.348	0	%100
45	M50	X	.198	.198	0	%100
46	M50	Z	.114	.114	0	%100
47	M51	X	1.358	1.358	0	%100
48	M51	Z	.784	.784	0	%100
49	M52	X	.339	.339	0	%100
50	M52	Z	.196	.196	0	%100
51	M53	X	.339	.339	0	%100
52	M53	Z	.196	.196	0	%100
53	M58	X	1.018	1.018	0	%100
54	M58	Z	.588	.588	0	%100
55	M59	X	1.358	1.358	0	%100
56	M59	Z	.784	.784	0	%100
57	M60	X	1.018	1.018	0	%100
58	M60	Z	.588	.588	0	%100
59	M61	X	.339	.339	0	%100
60	M61	Z	.196	.196	0	%100
61	M62	X	.198	.198	0	%100
62	M62	Z	.114	.114	0	%100
63	M63	X	.213	.213	0	%100
64	M63	Z	.123	.123	0	%100
65	MP1A	X	.538	.538	0	%100
66	MP1A	Z	.31	.31	0	%100
67	MP1B	X	.538	.538	0	%100
68	MP1B	Z	.31	.31	0	%100
69	MP1C	X	.538	.538	0	%100
70	MP1C	Z	.31	.31	0	%100
71	MP2A	X	.651	.651	0	%100
72	MP2A	Z	.376	.376	0	%100
73	MP2B	X	.651	.651	0	%100
74	MP2B	Z	.376	.376	0	%100
75	MP2C	X	.651	.651	0	%100
76	MP2C	Z	.376	.376	0	%100
77	MP3A	X	.538	.538	0	%100
78	MP3A	Z	.31	.31	0	%100
79	MP3B	X	.538	.538	0	%100
80	MP3B	Z	.31	.31	0	%100
81	MP3C	X	.538	.538	0	%100
82	MP3C	Z	.31	.31	0	%100
83	MP4A	X	.538	.538	0	%100
84	MP4A	Z	.31	.31	0	%100
85	MP4B	X	.538	.538	0	%100
86	MP4B	Z	.31	.31	0	%100
87	MP4C	X	.538	.538	0	%100
88	MP4C	Z	.31	.31	0	%100
89	M73	X	.163	.163	0	%100
90	M73	Z	.094	.094	0	%100
91	M88A	X	.651	.651	0	%100
92	M88A	Z	.376	.376	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,%]
93	M91	X	.163	.163	0	%100
94	M91	Z	.094	.094	0	%100
95	M94	X	.187	.187	0	%100
96	M94	Z	.108	.108	0	%100
97	M95	X	.187	.187	0	%100
98	M95	Z	.108	.108	0	%100
99	M96	X	.749	.749	0	%100
100	M96	Z	.433	.433	0	%100
101	OVP	X	.49	.49	0	%100
102	OVP	Z	.283	.283	0	%100
103	M101A	X	.213	.213	0	%100
104	M101A	Z	.123	.123	0	%100
105	M102A	X	.735	.735	0	%100
106	M102A	Z	.424	.424	0	%100
107	M109	X	.156	.156	0	%100
108	M109	Z	.09	.09	0	%100
109	M110	X	.156	.156	0	%100
110	M110	Z	.09	.09	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	M1	X	.116	.116	0	%100
2	M1	Z	.201	.201	0	%100
3	M2	X	.343	.343	0	%100
4	M2	Z	.594	.594	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.588	.588	0	%100
8	M4	Z	1.018	1.018	0	%100
9	M5	X	.588	.588	0	%100
10	M5	Z	1.018	1.018	0	%100
11	M10	X	.196	.196	0	%100
12	M10	Z	.339	.339	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	.196	.196	0	%100
16	M12	Z	.339	.339	0	%100
17	M13	X	.588	.588	0	%100
18	M13	Z	1.018	1.018	0	%100
19	M14	X	.343	.343	0	%100
20	M14	Z	.594	.594	0	%100
21	M25	X	.116	.116	0	%100
22	M25	Z	.201	.201	0	%100
23	M26	X	.343	.343	0	%100
24	M26	Z	.594	.594	0	%100
25	M27	X	.588	.588	0	%100
26	M27	Z	1.018	1.018	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	.588	.588	0	%100
30	M29	Z	1.018	1.018	0	%100
31	M34	X	.196	.196	0	%100
32	M34	Z	.339	.339	0	%100
33	M35	X	.588	.588	0	%100
34	M35	Z	1.018	1.018	0	%100
35	M36	X	.196	.196	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,%]
36	M36	Z	.339	.339	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	.343	.343	0	%100
40	M38	Z	.594	.594	0	%100
41	M40	X	.302	.302	0	%100
42	M40	Z	.523	.523	0	%100
43	M49	X	.464	.464	0	%100
44	M49	Z	.804	.804	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	.588	.588	0	%100
48	M51	Z	1.018	1.018	0	%100
49	M52	X	.588	.588	0	%100
50	M52	Z	1.018	1.018	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	.784	.784	0	%100
54	M58	Z	1.358	1.358	0	%100
55	M59	X	.588	.588	0	%100
56	M59	Z	1.018	1.018	0	%100
57	M60	X	.784	.784	0	%100
58	M60	Z	1.358	1.358	0	%100
59	M61	X	.588	.588	0	%100
60	M61	Z	1.018	1.018	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	.000842	.000842	0	%100
64	M63	Z	.001	.001	0	%100
65	MP1A	X	.31	.31	0	%100
66	MP1A	Z	.538	.538	0	%100
67	MP1B	X	.31	.31	0	%100
68	MP1B	Z	.538	.538	0	%100
69	MP1C	X	.31	.31	0	%100
70	MP1C	Z	.538	.538	0	%100
71	MP2A	X	.376	.376	0	%100
72	MP2A	Z	.651	.651	0	%100
73	MP2B	X	.376	.376	0	%100
74	MP2B	Z	.651	.651	0	%100
75	MP2C	X	.376	.376	0	%100
76	MP2C	Z	.651	.651	0	%100
77	MP3A	X	.31	.31	0	%100
78	MP3A	Z	.538	.538	0	%100
79	MP3B	X	.31	.31	0	%100
80	MP3B	Z	.538	.538	0	%100
81	MP3C	X	.31	.31	0	%100
82	MP3C	Z	.538	.538	0	%100
83	MP4A	X	.31	.31	0	%100
84	MP4A	Z	.538	.538	0	%100
85	MP4B	X	.31	.31	0	%100
86	MP4B	Z	.538	.538	0	%100
87	MP4C	X	.31	.31	0	%100
88	MP4C	Z	.538	.538	0	%100
89	M73	X	.282	.282	0	%100
90	M73	Z	.488	.488	0	%100
91	M88A	X	.282	.282	0	%100
92	M88A	Z	.488	.488	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	.324	.324	0	%100
98	M95	Z	.562	.562	0	%100
99	M96	X	.324	.324	0	%100
100	M96	Z	.562	.562	0	%100
101	OVP	X	.283	.283	0	%100
102	OVP	Z	.49	.49	0	%100
103	M101A	X	.335	.335	0	%100
104	M101A	Z	.58	.58	0	%100
105	M102A	X	.335	.335	0	%100
106	M102A	Z	.58	.58	0	%100
107	M109	X	.000842	.000842	0	%100
108	M109	Z	.001	.001	0	%100
109	M110	X	.302	.302	0	%100
110	M110	Z	.523	.523	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	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.915	.915	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.392	.392	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.392	.392	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.568	1.568	0	%100
11	M10	X	0	0	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	.392	.392	0	%100
15	M12	X	0	0	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	.392	.392	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	.915	.915	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	.696	.696	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	.229	.229	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	1.568	1.568	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	.392	.392	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	.392	.392	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	1.176	1.176	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	1.568	1.568	0	%100
35	M36	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	M36	Z	1.176	1.176	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	.392	.392	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	.229	.229	0	%100
41	M40	X	0	0	0	%100
42	M40	Z	.181	.181	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	.696	.696	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	.229	.229	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	.392	.392	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	1.568	1.568	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	.392	.392	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	1.176	1.176	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	.392	.392	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	1.176	1.176	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	1.568	1.568	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	.229	.229	0	%100
63	M63	X	0	0	0	%100
64	M63	Z	.181	.181	0	%100
65	MP1A	X	0	0	0	%100
66	MP1A	Z	.621	.621	0	%100
67	MP1B	X	0	0	0	%100
68	MP1B	Z	.621	.621	0	%100
69	MP1C	X	0	0	0	%100
70	MP1C	Z	.621	.621	0	%100
71	MP2A	X	0	0	0	%100
72	MP2A	Z	.751	.751	0	%100
73	MP2B	X	0	0	0	%100
74	MP2B	Z	.751	.751	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	.751	.751	0	%100
77	MP3A	X	0	0	0	%100
78	MP3A	Z	.621	.621	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	.621	.621	0	%100
81	MP3C	X	0	0	0	%100
82	MP3C	Z	.621	.621	0	%100
83	MP4A	X	0	0	0	%100
84	MP4A	Z	.621	.621	0	%100
85	MP4B	X	0	0	0	%100
86	MP4B	Z	.621	.621	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	.621	.621	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	.751	.751	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	.188	.188	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	.188	.188	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	.216	.216	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	.865	.865	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	.216	.216	0	%100
101	OVP	X	0	0	0	%100
102	OVP	Z	.566	.566	0	%100
103	M101A	X	0	0	0	%100
104	M101A	Z	.849	.849	0	%100
105	M102A	X	0	0	0	%100
106	M102A	Z	.246	.246	0	%100
107	M109	X	0	0	0	%100
108	M109	Z	.246	.246	0	%100
109	M110	X	0	0	0	%100
110	M110	Z	.849	.849	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	M1	X	-.116	-.116	0	%100
2	M1	Z	.201	.201	0	%100
3	M2	X	-.343	-.343	0	%100
4	M2	Z	.594	.594	0	%100
5	M3	X	-.588	-.588	0	%100
6	M3	Z	1.018	1.018	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.588	-.588	0	%100
10	M5	Z	1.018	1.018	0	%100
11	M10	X	-.196	-.196	0	%100
12	M10	Z	.339	.339	0	%100
13	M11	X	-.588	-.588	0	%100
14	M11	Z	1.018	1.018	0	%100
15	M12	X	-.196	-.196	0	%100
16	M12	Z	.339	.339	0	%100
17	M13	X	0	0	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	-.343	-.343	0	%100
20	M14	Z	.594	.594	0	%100
21	M25	X	-.464	-.464	0	%100
22	M25	Z	.804	.804	0	%100
23	M26	X	0	0	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	-.588	-.588	0	%100
26	M27	Z	1.018	1.018	0	%100
27	M28	X	-.588	-.588	0	%100
28	M28	Z	1.018	1.018	0	%100
29	M29	X	0	0	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	-.784	-.784	0	%100
32	M34	Z	1.358	1.358	0	%100
33	M35	X	-.588	-.588	0	%100
34	M35	Z	1.018	1.018	0	%100
35	M36	X	-.784	-.784	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,%]
36	M36	Z	1.358	1.358	0	%100
37	M37	X	-.588	-.588	0	%100
38	M37	Z	1.018	1.018	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	-.000842	-.000842	0	%100
42	M40	Z	.001	.001	0	%100
43	M49	X	-.116	-.116	0	%100
44	M49	Z	.201	.201	0	%100
45	M50	X	-.343	-.343	0	%100
46	M50	Z	.594	.594	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	-.588	-.588	0	%100
50	M52	Z	1.018	1.018	0	%100
51	M53	X	-.588	-.588	0	%100
52	M53	Z	1.018	1.018	0	%100
53	M58	X	-.196	-.196	0	%100
54	M58	Z	.339	.339	0	%100
55	M59	X	0	0	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-.196	-.196	0	%100
58	M60	Z	.339	.339	0	%100
59	M61	X	-.588	-.588	0	%100
60	M61	Z	1.018	1.018	0	%100
61	M62	X	-.343	-.343	0	%100
62	M62	Z	.594	.594	0	%100
63	M63	X	-.302	-.302	0	%100
64	M63	Z	.523	.523	0	%100
65	MP1A	X	-.31	-.31	0	%100
66	MP1A	Z	.538	.538	0	%100
67	MP1B	X	-.31	-.31	0	%100
68	MP1B	Z	.538	.538	0	%100
69	MP1C	X	-.31	-.31	0	%100
70	MP1C	Z	.538	.538	0	%100
71	MP2A	X	-.376	-.376	0	%100
72	MP2A	Z	.651	.651	0	%100
73	MP2B	X	-.376	-.376	0	%100
74	MP2B	Z	.651	.651	0	%100
75	MP2C	X	-.376	-.376	0	%100
76	MP2C	Z	.651	.651	0	%100
77	MP3A	X	-.31	-.31	0	%100
78	MP3A	Z	.538	.538	0	%100
79	MP3B	X	-.31	-.31	0	%100
80	MP3B	Z	.538	.538	0	%100
81	MP3C	X	-.31	-.31	0	%100
82	MP3C	Z	.538	.538	0	%100
83	MP4A	X	-.31	-.31	0	%100
84	MP4A	Z	.538	.538	0	%100
85	MP4B	X	-.31	-.31	0	%100
86	MP4B	Z	.538	.538	0	%100
87	MP4C	X	-.31	-.31	0	%100
88	MP4C	Z	.538	.538	0	%100
89	M73	X	-.282	-.282	0	%100
90	M73	Z	.488	.488	0	%100
91	M88A	X	0	0	0	%100
92	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M91	X	-.282	-.282	0	%100
94	M91	Z	.488	.488	0	%100
95	M94	X	-.324	-.324	0	%100
96	M94	Z	.562	.562	0	%100
97	M95	X	-.324	-.324	0	%100
98	M95	Z	.562	.562	0	%100
99	M96	X	0	0	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	-.283	-.283	0	%100
102	OVP	Z	.49	.49	0	%100
103	M101A	X	-.302	-.302	0	%100
104	M101A	Z	.523	.523	0	%100
105	M102A	X	-.000842	-.000842	0	%100
106	M102A	Z	.001	.001	0	%100
107	M109	X	-.335	-.335	0	%100
108	M109	Z	.58	.58	0	%100
109	M110	X	-.335	-.335	0	%100
110	M110	Z	.58	.58	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	M1	X	-.603	-.603	0	%100
2	M1	Z	.348	.348	0	%100
3	M2	X	-.198	-.198	0	%100
4	M2	Z	.114	.114	0	%100
5	M3	X	-1.358	-1.358	0	%100
6	M3	Z	.784	.784	0	%100
7	M4	X	-.339	-.339	0	%100
8	M4	Z	.196	.196	0	%100
9	M5	X	-.339	-.339	0	%100
10	M5	Z	.196	.196	0	%100
11	M10	X	-1.018	-1.018	0	%100
12	M10	Z	.588	.588	0	%100
13	M11	X	-1.358	-1.358	0	%100
14	M11	Z	.784	.784	0	%100
15	M12	X	-1.018	-1.018	0	%100
16	M12	Z	.588	.588	0	%100
17	M13	X	-.339	-.339	0	%100
18	M13	Z	.196	.196	0	%100
19	M14	X	-.198	-.198	0	%100
20	M14	Z	.114	.114	0	%100
21	M25	X	-.603	-.603	0	%100
22	M25	Z	.348	.348	0	%100
23	M26	X	-.198	-.198	0	%100
24	M26	Z	.114	.114	0	%100
25	M27	X	-.339	-.339	0	%100
26	M27	Z	.196	.196	0	%100
27	M28	X	-1.358	-1.358	0	%100
28	M28	Z	.784	.784	0	%100
29	M29	X	-.339	-.339	0	%100
30	M29	Z	.196	.196	0	%100
31	M34	X	-1.018	-1.018	0	%100
32	M34	Z	.588	.588	0	%100
33	M35	X	-.339	-.339	0	%100
34	M35	Z	.196	.196	0	%100
35	M36	X	-1.018	-1.018	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,%]
36	M36	Z	.588	.588	0	%100
37	M37	X	-1.358	-1.358	0	%100
38	M37	Z	.784	.784	0	%100
39	M38	X	-.198	-.198	0	%100
40	M38	Z	.114	.114	0	%100
41	M40	X	-.213	-.213	0	%100
42	M40	Z	.123	.123	0	%100
43	M49	X	0	0	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	-.793	-.793	0	%100
46	M50	Z	.458	.458	0	%100
47	M51	X	-.339	-.339	0	%100
48	M51	Z	.196	.196	0	%100
49	M52	X	-.339	-.339	0	%100
50	M52	Z	.196	.196	0	%100
51	M53	X	-1.358	-1.358	0	%100
52	M53	Z	.784	.784	0	%100
53	M58	X	0	0	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-.339	-.339	0	%100
56	M59	Z	.196	.196	0	%100
57	M60	X	0	0	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	-.339	-.339	0	%100
60	M61	Z	.196	.196	0	%100
61	M62	X	-.792	-.792	0	%100
62	M62	Z	.457	.457	0	%100
63	M63	X	-.735	-.735	0	%100
64	M63	Z	.424	.424	0	%100
65	MP1A	X	-.538	-.538	0	%100
66	MP1A	Z	.31	.31	0	%100
67	MP1B	X	-.538	-.538	0	%100
68	MP1B	Z	.31	.31	0	%100
69	MP1C	X	-.538	-.538	0	%100
70	MP1C	Z	.31	.31	0	%100
71	MP2A	X	-.651	-.651	0	%100
72	MP2A	Z	.376	.376	0	%100
73	MP2B	X	-.651	-.651	0	%100
74	MP2B	Z	.376	.376	0	%100
75	MP2C	X	-.651	-.651	0	%100
76	MP2C	Z	.376	.376	0	%100
77	MP3A	X	-.538	-.538	0	%100
78	MP3A	Z	.31	.31	0	%100
79	MP3B	X	-.538	-.538	0	%100
80	MP3B	Z	.31	.31	0	%100
81	MP3C	X	-.538	-.538	0	%100
82	MP3C	Z	.31	.31	0	%100
83	MP4A	X	-.538	-.538	0	%100
84	MP4A	Z	.31	.31	0	%100
85	MP4B	X	-.538	-.538	0	%100
86	MP4B	Z	.31	.31	0	%100
87	MP4C	X	-.538	-.538	0	%100
88	MP4C	Z	.31	.31	0	%100
89	M73	X	-.163	-.163	0	%100
90	M73	Z	.094	.094	0	%100
91	M88A	X	-.163	-.163	0	%100
92	M88A	Z	.094	.094	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,%]
93	M91	X	-.651	-.651	0	%100
94	M91	Z	.376	.376	0	%100
95	M94	X	-.749	-.749	0	%100
96	M94	Z	.433	.433	0	%100
97	M95	X	-.187	-.187	0	%100
98	M95	Z	.108	.108	0	%100
99	M96	X	-.187	-.187	0	%100
100	M96	Z	.108	.108	0	%100
101	OVP	X	-.49	-.49	0	%100
102	OVP	Z	.283	.283	0	%100
103	M101A	X	-.156	-.156	0	%100
104	M101A	Z	.09	.09	0	%100
105	M102A	X	-.156	-.156	0	%100
106	M102A	Z	.09	.09	0	%100
107	M109	X	-.735	-.735	0	%100
108	M109	Z	.424	.424	0	%100
109	M110	X	-.213	-.213	0	%100
110	M110	Z	.123	.123	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	M1	X	-.928	-.928	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.176	-1.176	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.176	-1.176	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M10	X	-1.568	-1.568	0	%100
12	M10	Z	0	0	0	%100
13	M11	X	-1.176	-1.176	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	-1.568	-1.568	0	%100
16	M12	Z	0	0	0	%100
17	M13	X	-1.176	-1.176	0	%100
18	M13	Z	0	0	0	%100
19	M14	X	0	0	0	%100
20	M14	Z	0	0	0	%100
21	M25	X	-.232	-.232	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	-.686	-.686	0	%100
24	M26	Z	0	0	0	%100
25	M27	X	0	0	0	%100
26	M27	Z	0	0	0	%100
27	M28	X	-1.176	-1.176	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	-1.176	-1.176	0	%100
30	M29	Z	0	0	0	%100
31	M34	X	-.392	-.392	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	0	0	0	%100
34	M35	Z	0	0	0	%100
35	M36	X	-.392	-.392	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,%]
36	M36	Z	0	0	0	%100
37	M37	X	-1.176	-1.176	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-.686	-.686	0	%100
40	M38	Z	0	0	0	%100
41	M40	X	-.67	-.67	0	%100
42	M40	Z	0	0	0	%100
43	M49	X	-.232	-.232	0	%100
44	M49	Z	0	0	0	%100
45	M50	X	-.686	-.686	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-1.176	-1.176	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	-1.176	-1.176	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	-.392	-.392	0	%100
54	M58	Z	0	0	0	%100
55	M59	X	-1.176	-1.176	0	%100
56	M59	Z	0	0	0	%100
57	M60	X	-.392	-.392	0	%100
58	M60	Z	0	0	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M62	X	-.686	-.686	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-.67	-.67	0	%100
64	M63	Z	0	0	0	%100
65	MP1A	X	-.621	-.621	0	%100
66	MP1A	Z	0	0	0	%100
67	MP1B	X	-.621	-.621	0	%100
68	MP1B	Z	0	0	0	%100
69	MP1C	X	-.621	-.621	0	%100
70	MP1C	Z	0	0	0	%100
71	MP2A	X	-.751	-.751	0	%100
72	MP2A	Z	0	0	0	%100
73	MP2B	X	-.751	-.751	0	%100
74	MP2B	Z	0	0	0	%100
75	MP2C	X	-.751	-.751	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3A	X	-.621	-.621	0	%100
78	MP3A	Z	0	0	0	%100
79	MP3B	X	-.621	-.621	0	%100
80	MP3B	Z	0	0	0	%100
81	MP3C	X	-.621	-.621	0	%100
82	MP3C	Z	0	0	0	%100
83	MP4A	X	-.621	-.621	0	%100
84	MP4A	Z	0	0	0	%100
85	MP4B	X	-.621	-.621	0	%100
86	MP4B	Z	0	0	0	%100
87	MP4C	X	-.621	-.621	0	%100
88	MP4C	Z	0	0	0	%100
89	M73	X	0	0	0	%100
90	M73	Z	0	0	0	%100
91	M88A	X	-.563	-.563	0	%100
92	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M91	X	-.563	-.563	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	-.649	-.649	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	0	0	0	%100
98	M95	Z	0	0	0	%100
99	M96	X	-.649	-.649	0	%100
100	M96	Z	0	0	0	%100
101	OVP	X	-.566	-.566	0	%100
102	OVP	Z	0	0	0	%100
103	M101A	X	-.002	-.002	0	%100
104	M101A	Z	0	0	0	%100
105	M102A	X	-.604	-.604	0	%100
106	M102A	Z	0	0	0	%100
107	M109	X	-.604	-.604	0	%100
108	M109	Z	0	0	0	%100
109	M110	X	-.002	-.002	0	%100
110	M110	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	M1	X	-.603	-.603	0	%100
2	M1	Z	-.348	-.348	0	%100
3	M2	X	-.198	-.198	0	%100
4	M2	Z	-.114	-.114	0	%100
5	M3	X	-.339	-.339	0	%100
6	M3	Z	-.196	-.196	0	%100
7	M4	X	-1.358	-1.358	0	%100
8	M4	Z	-.784	-.784	0	%100
9	M5	X	-.339	-.339	0	%100
10	M5	Z	-.196	-.196	0	%100
11	M10	X	-1.018	-1.018	0	%100
12	M10	Z	-.588	-.588	0	%100
13	M11	X	-.339	-.339	0	%100
14	M11	Z	-.196	-.196	0	%100
15	M12	X	-1.018	-1.018	0	%100
16	M12	Z	-.588	-.588	0	%100
17	M13	X	-1.358	-1.358	0	%100
18	M13	Z	-.784	-.784	0	%100
19	M14	X	-.198	-.198	0	%100
20	M14	Z	-.114	-.114	0	%100
21	M25	X	0	0	0	%100
22	M25	Z	0	0	0	%100
23	M26	X	-.793	-.793	0	%100
24	M26	Z	-.458	-.458	0	%100
25	M27	X	-.339	-.339	0	%100
26	M27	Z	-.196	-.196	0	%100
27	M28	X	-.339	-.339	0	%100
28	M28	Z	-.196	-.196	0	%100
29	M29	X	-1.358	-1.358	0	%100
30	M29	Z	-.784	-.784	0	%100
31	M34	X	0	0	0	%100
32	M34	Z	0	0	0	%100
33	M35	X	-.339	-.339	0	%100
34	M35	Z	-.196	-.196	0	%100
35	M36	X	0	0	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,%]
36	M36	Z	0	0	0	%100
37	M37	X	-.339	-.339	0	%100
38	M37	Z	-.196	-.196	0	%100
39	M38	X	-.792	-.792	0	%100
40	M38	Z	-.457	-.457	0	%100
41	M40	X	-.735	-.735	0	%100
42	M40	Z	-.424	-.424	0	%100
43	M49	X	-.603	-.603	0	%100
44	M49	Z	-.348	-.348	0	%100
45	M50	X	-.198	-.198	0	%100
46	M50	Z	-.114	-.114	0	%100
47	M51	X	-1.358	-1.358	0	%100
48	M51	Z	-.784	-.784	0	%100
49	M52	X	-.339	-.339	0	%100
50	M52	Z	-.196	-.196	0	%100
51	M53	X	-.339	-.339	0	%100
52	M53	Z	-.196	-.196	0	%100
53	M58	X	-1.018	-1.018	0	%100
54	M58	Z	-.588	-.588	0	%100
55	M59	X	-1.358	-1.358	0	%100
56	M59	Z	-.784	-.784	0	%100
57	M60	X	-1.018	-1.018	0	%100
58	M60	Z	-.588	-.588	0	%100
59	M61	X	-.339	-.339	0	%100
60	M61	Z	-.196	-.196	0	%100
61	M62	X	-.198	-.198	0	%100
62	M62	Z	-.114	-.114	0	%100
63	M63	X	-.213	-.213	0	%100
64	M63	Z	-.123	-.123	0	%100
65	MP1A	X	-.538	-.538	0	%100
66	MP1A	Z	-.31	-.31	0	%100
67	MP1B	X	-.538	-.538	0	%100
68	MP1B	Z	-.31	-.31	0	%100
69	MP1C	X	-.538	-.538	0	%100
70	MP1C	Z	-.31	-.31	0	%100
71	MP2A	X	-.651	-.651	0	%100
72	MP2A	Z	-.376	-.376	0	%100
73	MP2B	X	-.651	-.651	0	%100
74	MP2B	Z	-.376	-.376	0	%100
75	MP2C	X	-.651	-.651	0	%100
76	MP2C	Z	-.376	-.376	0	%100
77	MP3A	X	-.538	-.538	0	%100
78	MP3A	Z	-.31	-.31	0	%100
79	MP3B	X	-.538	-.538	0	%100
80	MP3B	Z	-.31	-.31	0	%100
81	MP3C	X	-.538	-.538	0	%100
82	MP3C	Z	-.31	-.31	0	%100
83	MP4A	X	-.538	-.538	0	%100
84	MP4A	Z	-.31	-.31	0	%100
85	MP4B	X	-.538	-.538	0	%100
86	MP4B	Z	-.31	-.31	0	%100
87	MP4C	X	-.538	-.538	0	%100
88	MP4C	Z	-.31	-.31	0	%100
89	M73	X	-.163	-.163	0	%100
90	M73	Z	-.094	-.094	0	%100
91	M88A	X	-.651	-.651	0	%100
92	M88A	Z	-.376	-.376	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,%]
93	M91	X	-.163	-.163	0	%100
94	M91	Z	-.094	-.094	0	%100
95	M94	X	-.187	-.187	0	%100
96	M94	Z	-.108	-.108	0	%100
97	M95	X	-.187	-.187	0	%100
98	M95	Z	-.108	-.108	0	%100
99	M96	X	-.749	-.749	0	%100
100	M96	Z	-.433	-.433	0	%100
101	OVP	X	-.49	-.49	0	%100
102	OVP	Z	-.283	-.283	0	%100
103	M101A	X	-.213	-.213	0	%100
104	M101A	Z	-.123	-.123	0	%100
105	M102A	X	-.735	-.735	0	%100
106	M102A	Z	-.424	-.424	0	%100
107	M109	X	-.156	-.156	0	%100
108	M109	Z	-.09	-.09	0	%100
109	M110	X	-.156	-.156	0	%100
110	M110	Z	-.09	-.09	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	M1	X	-.116	-.116	0	%100
2	M1	Z	-.201	-.201	0	%100
3	M2	X	-.343	-.343	0	%100
4	M2	Z	-.594	-.594	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.588	-.588	0	%100
8	M4	Z	-1.018	-1.018	0	%100
9	M5	X	-.588	-.588	0	%100
10	M5	Z	-1.018	-1.018	0	%100
11	M10	X	-.196	-.196	0	%100
12	M10	Z	-.339	-.339	0	%100
13	M11	X	0	0	0	%100
14	M11	Z	0	0	0	%100
15	M12	X	-.196	-.196	0	%100
16	M12	Z	-.339	-.339	0	%100
17	M13	X	-.588	-.588	0	%100
18	M13	Z	-1.018	-1.018	0	%100
19	M14	X	-.343	-.343	0	%100
20	M14	Z	-.594	-.594	0	%100
21	M25	X	-.116	-.116	0	%100
22	M25	Z	-.201	-.201	0	%100
23	M26	X	-.343	-.343	0	%100
24	M26	Z	-.594	-.594	0	%100
25	M27	X	-.588	-.588	0	%100
26	M27	Z	-1.018	-1.018	0	%100
27	M28	X	0	0	0	%100
28	M28	Z	0	0	0	%100
29	M29	X	-.588	-.588	0	%100
30	M29	Z	-1.018	-1.018	0	%100
31	M34	X	-.196	-.196	0	%100
32	M34	Z	-.339	-.339	0	%100
33	M35	X	-.588	-.588	0	%100
34	M35	Z	-1.018	-1.018	0	%100
35	M36	X	-.196	-.196	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,%]
36	M36	Z	-.339	-.339	0	%100
37	M37	X	0	0	0	%100
38	M37	Z	0	0	0	%100
39	M38	X	-.343	-.343	0	%100
40	M38	Z	-.594	-.594	0	%100
41	M40	X	-.302	-.302	0	%100
42	M40	Z	-.523	-.523	0	%100
43	M49	X	-.464	-.464	0	%100
44	M49	Z	-.804	-.804	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-.588	-.588	0	%100
48	M51	Z	-1.018	-1.018	0	%100
49	M52	X	-.588	-.588	0	%100
50	M52	Z	-1.018	-1.018	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	0	0	0	%100
53	M58	X	-.784	-.784	0	%100
54	M58	Z	-1.358	-1.358	0	%100
55	M59	X	-.588	-.588	0	%100
56	M59	Z	-1.018	-1.018	0	%100
57	M60	X	-.784	-.784	0	%100
58	M60	Z	-1.358	-1.358	0	%100
59	M61	X	-.588	-.588	0	%100
60	M61	Z	-1.018	-1.018	0	%100
61	M62	X	0	0	0	%100
62	M62	Z	0	0	0	%100
63	M63	X	-.000842	-.000842	0	%100
64	M63	Z	-.001	-.001	0	%100
65	MP1A	X	-.31	-.31	0	%100
66	MP1A	Z	-.538	-.538	0	%100
67	MP1B	X	-.31	-.31	0	%100
68	MP1B	Z	-.538	-.538	0	%100
69	MP1C	X	-.31	-.31	0	%100
70	MP1C	Z	-.538	-.538	0	%100
71	MP2A	X	-.376	-.376	0	%100
72	MP2A	Z	-.651	-.651	0	%100
73	MP2B	X	-.376	-.376	0	%100
74	MP2B	Z	-.651	-.651	0	%100
75	MP2C	X	-.376	-.376	0	%100
76	MP2C	Z	-.651	-.651	0	%100
77	MP3A	X	-.31	-.31	0	%100
78	MP3A	Z	-.538	-.538	0	%100
79	MP3B	X	-.31	-.31	0	%100
80	MP3B	Z	-.538	-.538	0	%100
81	MP3C	X	-.31	-.31	0	%100
82	MP3C	Z	-.538	-.538	0	%100
83	MP4A	X	-.31	-.31	0	%100
84	MP4A	Z	-.538	-.538	0	%100
85	MP4B	X	-.31	-.31	0	%100
86	MP4B	Z	-.538	-.538	0	%100
87	MP4C	X	-.31	-.31	0	%100
88	MP4C	Z	-.538	-.538	0	%100
89	M73	X	-.282	-.282	0	%100
90	M73	Z	-.488	-.488	0	%100
91	M88A	X	-.282	-.282	0	%100
92	M88A	Z	-.488	-.488	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,%]
93	M91	X	0	0	0	%100
94	M91	Z	0	0	0	%100
95	M94	X	0	0	0	%100
96	M94	Z	0	0	0	%100
97	M95	X	-.324	-.324	0	%100
98	M95	Z	-.562	-.562	0	%100
99	M96	X	-.324	-.324	0	%100
100	M96	Z	-.562	-.562	0	%100
101	OVP	X	-.283	-.283	0	%100
102	OVP	Z	-.49	-.49	0	%100
103	M101A	X	-.335	-.335	0	%100
104	M101A	Z	-.58	-.58	0	%100
105	M102A	X	-.335	-.335	0	%100
106	M102A	Z	-.58	-.58	0	%100
107	M109	X	-.000842	-.000842	0	%100
108	M109	Z	-.001	-.001	0	%100
109	M110	X	-.302	-.302	0	%100
110	M110	Z	-.523	-.523	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	M14	Y	-1.422	-1.422	8.691	9.691
2	M38	Y	-1.422	-1.422	2.829	3.829
3	M49	Y	-.235	-4.924	1.55	2.273
4	M49	Y	-4.924	-9.715	2.273	2.997
5	M49	Y	-9.715	-8.67	2.997	3.72
6	M49	Y	-8.67	-5.055	3.72	4.443
7	M49	Y	-5.055	-.235	4.443	5.167
8	M50	Y	-3.541	-3.837	.492	1.803
9	M50	Y	-3.837	-3.835	1.803	3.114
10	M50	Y	-3.835	-3.536	3.114	4.425
11	M107	Y	-.057	-.057	0	.25
12	M108	Y	-.056	-.057	0	.25
13	M1	Y	-.235	-4.924	1.55	2.273
14	M1	Y	-4.924	-9.715	2.273	2.997
15	M1	Y	-9.715	-8.67	2.997	3.72
16	M1	Y	-8.67	-5.055	3.72	4.443
17	M1	Y	-5.055	-.235	4.443	5.167
18	M2	Y	-3.541	-3.837	.492	1.803
19	M2	Y	-3.837	-3.835	1.803	3.114
20	M2	Y	-3.835	-3.536	3.114	4.425
21	M38	Y	-1.422	-1.422	8.691	9.691
22	M62	Y	-1.422	-1.422	2.829	3.829
23	M103	Y	-.057	-.057	0	.25
24	M104	Y	-.056	-.057	0	.25
25	M14	Y	-1.422	-1.422	2.829	3.829
26	M25	Y	-.235	-4.924	1.55	2.273
27	M25	Y	-4.924	-9.715	2.273	2.997
28	M25	Y	-9.715	-8.67	2.997	3.72
29	M25	Y	-8.67	-5.055	3.72	4.443
30	M25	Y	-5.055	-.235	4.443	5.167
31	M26	Y	-3.541	-3.837	.492	1.803
32	M26	Y	-3.837	-3.835	1.803	3.114
33	M26	Y	-3.835	-3.536	3.114	4.425
34	M62	Y	-1.422	-1.422	8.691	9.691
35	M115	Y	-.057	-.057	0	.25

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,%]
36	M116	Y	-.056	-.057	0	.25

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	M14	Y	-2.759	-2.759	8.691	9.691
2	M38	Y	-2.759	-2.759	2.829	3.829
3	M49	Y	-.456	-9.552	1.55	2.273
4	M49	Y	-9.552	-18.845	2.273	2.997
5	M49	Y	-18.845	-16.819	2.997	3.72
6	M49	Y	-16.819	-9.806	3.72	4.443
7	M49	Y	-9.806	-.456	4.443	5.167
8	M50	Y	-6.869	-7.443	.492	1.803
9	M50	Y	-7.443	-7.439	1.803	3.114
10	M50	Y	-7.439	-6.859	3.114	4.425
11	M107	Y	-.11	-.11	0	.25
12	M108	Y	-.109	-.11	0	.25
13	M1	Y	-.456	-9.552	1.55	2.273
14	M1	Y	-9.552	-18.845	2.273	2.997
15	M1	Y	-18.845	-16.819	2.997	3.72
16	M1	Y	-16.819	-9.806	3.72	4.443
17	M1	Y	-9.806	-.456	4.443	5.167
18	M2	Y	-6.869	-7.443	.492	1.803
19	M2	Y	-7.443	-7.439	1.803	3.114
20	M2	Y	-7.439	-6.859	3.114	4.425
21	M38	Y	-2.759	-2.759	8.691	9.691
22	M62	Y	-2.759	-2.759	2.829	3.829
23	M103	Y	-.11	-.11	0	.25
24	M104	Y	-.109	-.11	0	.25
25	M14	Y	-2.759	-2.759	2.829	3.829
26	M25	Y	-.456	-9.552	1.55	2.273
27	M25	Y	-9.552	-18.845	2.273	2.997
28	M25	Y	-18.845	-16.819	2.997	3.72
29	M25	Y	-16.819	-9.806	3.72	4.443
30	M25	Y	-9.806	-.456	4.443	5.167
31	M26	Y	-6.869	-7.443	.492	1.803
32	M26	Y	-7.443	-7.439	1.803	3.114
33	M26	Y	-7.439	-6.859	3.114	4.425
34	M62	Y	-2.759	-2.759	8.691	9.691
35	M115	Y	-.11	-.11	0	.25
36	M116	Y	-.109	-.11	0	.25

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M14	Y	-.06	-.06	8.691	9.691
2	M38	Y	-.06	-.06	2.829	3.829
3	M49	Y	-.01	-.208	1.55	2.273
4	M49	Y	-.208	-.411	2.273	2.997
5	M49	Y	-.411	-.367	2.997	3.72
6	M49	Y	-.367	-.214	3.72	4.443
7	M49	Y	-.214	-.01	4.443	5.167
8	M50	Y	-.15	-.162	.492	1.803
9	M50	Y	-.162	-.162	1.803	3.114
10	M50	Y	-.162	-.15	3.114	4.425
11	M107	Y	-.002	-.002	0	.25
12	M108	Y	-.002	-.002	0	.25
13	M1	Y	-.01	-.208	1.55	2.273

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
14	M1	Y	-.208	-.411	2.273	2.997
15	M1	Y	-.411	-.367	2.997	3.72
16	M1	Y	-.367	-.214	3.72	4.443
17	M1	Y	-.214	-.01	4.443	5.167
18	M2	Y	-.15	-.162	.492	1.803
19	M2	Y	-.162	-.162	1.803	3.114
20	M2	Y	-.162	-.15	3.114	4.425
21	M38	Y	-.06	-.06	8.691	9.691
22	M62	Y	-.06	-.06	2.829	3.829
23	M103	Y	-.002	-.002	0	.25
24	M104	Y	-.002	-.002	0	.25
25	M14	Y	-.06	-.06	2.829	3.829
26	M25	Y	-.01	-.208	1.55	2.273
27	M25	Y	-.208	-.411	2.273	2.997
28	M25	Y	-.411	-.367	2.997	3.72
29	M25	Y	-.367	-.214	3.72	4.443
30	M25	Y	-.214	-.01	4.443	5.167
31	M26	Y	-.15	-.162	.492	1.803
32	M26	Y	-.162	-.162	1.803	3.114
33	M26	Y	-.162	-.15	3.114	4.425
34	M62	Y	-.06	-.06	8.691	9.691
35	M115	Y	-.002	-.002	0	.25
36	M116	Y	-.002	-.002	0	.25

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	M14	Z	-.15	-.15	8.691	9.691
2	M38	Z	-.15	-.15	2.829	3.829
3	M49	Z	-.025	-.52	1.55	2.273
4	M49	Z	-.52	-1.026	2.273	2.997
5	M49	Z	-1.026	-.915	2.997	3.72
6	M49	Z	-.915	-.534	3.72	4.443
7	M49	Z	-.534	-.025	4.443	5.167
8	M50	Z	-.374	-.405	.492	1.803
9	M50	Z	-.405	-.405	1.803	3.114
10	M50	Z	-.405	-.373	3.114	4.425
11	M107	Z	-.006	-.006	0	.25
12	M108	Z	-.006	-.006	0	.25
13	M1	Z	-.025	-.52	1.55	2.273
14	M1	Z	-.52	-1.026	2.273	2.997
15	M1	Z	-1.026	-.915	2.997	3.72
16	M1	Z	-.915	-.534	3.72	4.443
17	M1	Z	-.534	-.025	4.443	5.167
18	M2	Z	-.374	-.405	.492	1.803
19	M2	Z	-.405	-.405	1.803	3.114
20	M2	Z	-.405	-.373	3.114	4.425
21	M38	Z	-.15	-.15	8.691	9.691
22	M62	Z	-.15	-.15	2.829	3.829
23	M103	Z	-.006	-.006	0	.25
24	M104	Z	-.006	-.006	0	.25
25	M14	Z	-.15	-.15	2.829	3.829
26	M25	Z	-.025	-.52	1.55	2.273
27	M25	Z	-.52	-1.026	2.273	2.997
28	M25	Z	-1.026	-.915	2.997	3.72
29	M25	Z	-.915	-.534	3.72	4.443
30	M25	Z	-.534	-.025	4.443	5.167

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,%]
31	M26	Z	-.374	-.405	.492	1.803
32	M26	Z	-.405	-.405	1.803	3.114
33	M26	Z	-.405	-.373	3.114	4.425
34	M62	Z	-.15	-.15	8.691	9.691
35	M115	Z	-.006	-.006	0	.25
36	M116	Z	-.006	-.006	0	.25

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	M14	X	.15	.15	8.691	9.691
2	M38	X	.15	.15	2.829	3.829
3	M49	X	.025	.52	1.55	2.273
4	M49	X	.52	1.026	2.273	2.997
5	M49	X	1.026	.915	2.997	3.72
6	M49	X	.915	.534	3.72	4.443
7	M49	X	.534	.025	4.443	5.167
8	M50	X	.374	.405	.492	1.803
9	M50	X	.405	.405	1.803	3.114
10	M50	X	.405	.373	3.114	4.425
11	M107	X	.006	.006	0	.25
12	M108	X	.006	.006	0	.25
13	M1	X	.025	.52	1.55	2.273
14	M1	X	.52	1.026	2.273	2.997
15	M1	X	1.026	.915	2.997	3.72
16	M1	X	.915	.534	3.72	4.443
17	M1	X	.534	.025	4.443	5.167
18	M2	X	.374	.405	.492	1.803
19	M2	X	.405	.405	1.803	3.114
20	M2	X	.405	.373	3.114	4.425
21	M38	X	.15	.15	8.691	9.691
22	M62	X	.15	.15	2.829	3.829
23	M103	X	.006	.006	0	.25
24	M104	X	.006	.006	0	.25
25	M14	X	.15	.15	2.829	3.829
26	M25	X	.025	.52	1.55	2.273
27	M25	X	.52	1.026	2.273	2.997
28	M25	X	1.026	.915	2.997	3.72
29	M25	X	.915	.534	3.72	4.443
30	M25	X	.534	.025	4.443	5.167
31	M26	X	.374	.405	.492	1.803
32	M26	X	.405	.405	1.803	3.114
33	M26	X	.405	.373	3.114	4.425
34	M62	X	.15	.15	8.691	9.691
35	M115	X	.006	.006	0	.25
36	M116	X	.006	.006	0	.25

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N29	N72	N28		Y	Two Way	-.005
2	N73	N2	N117		Y	Two Way	-.005
3	N118	N26	N27		Y	Two Way	-.005
4	N186	N28	N28		Y	Two Way	-.005
5	N195	N118	N118		Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N29	N72	N28		Y	Two Way	-.01
2	N73	N2	N117		Y	Two Way	-.01
3	N118	N26	N27		Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N29	N72	N28		Y	Two Way	-.00022
2	N73	N2	N117		Y	Two Way	-.00022
3	N118	N26	N27		Y	Two Way	-.00022
4	N186	N28	N28		Y	Two Way	-.00022
5	N195	N118	N118		Y	Two Way	-.00022

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N29	N72	N28		Z	Two Way	-.000549
2	N73	N2	N117		Z	Two Way	-.000549
3	N118	N26	N27		Z	Two Way	-.000549
4	N186	N28	N28		Z	Two Way	-.000549
5	N195	N118	N118		Z	Two Way	-.000549

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N29	N72	N28		X	Two Way	.000549
2	N73	N2	N117		X	Two Way	.000549
3	N118	N26	N27		X	Two Way	.000549
4	N186	N28	N28		X	Two Way	.000549
5	N195	N118	N118		X	Two Way	.000549

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [...	LC
1	N91	m...	2057.991	9	2497.209	21	1243.118	2	-.265	2	1.371	11	-.868	3
2		m...	-2164.73	3	703.059	3	-1185.045	8	-2.784	44	-1.369	5	-5.328	21
3	N1	m...	680.007	9	2575.49	13	2545.659	1	5.974	13	1.382	3	.578	4
4		m...	-671.856	3	732.783	7	-2664.648	7	.544	7	-1.382	9	-.372	10
5	N46	m...	2069.224	11	2404.557	17	1366.327	12	-.524	12	1.235	7	4.826	17
6		m...	-1968.449	5	659.638	11	-1301.537	6	-3.056	17	-1.232	1	.579	11
7	Totals:	m...	4544.439	10	7094.067	19	4654.684	1						
8		m...	-4544.441	4	2347.111	64	-4654.684	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	L...	Dir	LC	phi*Pn...	phi*P...	phi*Mn y...	phi*Mn		Eqn
1	M1	HSS4...	.379	0	14	.093	0	y	15	12477...	139518	16.181	16.181	...	H1-...
2	M2	HSS4...	.163	2.458	24	.064	2...	y	18	12609...	139518	16.181	16.181	...	H1-...
3	M3	PL1/2x6	.065	.25	2	.098	.25	y	11	95014...	97200	1.012	12.15	...	H1-...
4	M4	PL1/2x6	.073	.25	12	.077	....	y	9	95014...	97200	1.012	12.15	...	H1-...
5	M5	PL1/2x6	.247	.542	12	.186	....	y	22	63416...	97200	1.012	12.15	...	H1-...
6	M10	PL3/8x6	.223	.25	2	.091	.25	y	21	61872...	72900	.57	9.113	...	H1-...
7	M11	PL3/8x6	.299	.125	8	.412	0	y	15	69971...	72900	.57	9.113	...	H1-...
8	M12	PL3/8x6	.285	.25	12	.251	.25	y	17	61872...	72900	.57	9.113	...	H1-...
9	M13	PL3/8x6	.283	.125	6	.403	0	y	24	69971...	72900	.57	9.113	...	H1-...
10	M14	HSS3...	.218	2.739	22	.056	1...		6	25218...	68796	6.08	6.08	...	H1-...
11	M25	HSS4...	.360	0	18	.094	0	y	31	12477...	139518	16.181	16.181	...	H1-...

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	L...	Dir	LC	phi*Pn...	phi*P...	phi*Mn y...	phi*Mn	Eqn
12	M26	HSS4...	.162	2.458	18	.064	2...	y	22	12609...	139518	16.181	16.181	...H1-...
13	M27	PL1/2x6	.065	.125	10	.130	.25	y	27	95014...	97200	1.012	12.15	...H1-...
14	M28	PL1/2x6	.071	.25	4	.080	....	y	1	95014...	97200	1.012	12.15	...H1-...
15	M29	PL1/2x6	.241	.542	4	.180	....	y	14	63416...	97200	1.012	12.15	...H1-...
16	M34	PL3/8x6	.229	.25	6	.121	.25	y	37	61872...	72900	.57	9.113	...H1-...
17	M35	PL3/8x6	.292	.125	12	.415	0	y	19	69971...	72900	.57	9.113	...H1-...
18	M36	PL3/8x6	.271	.25	4	.240	.25	y	22	61872...	72900	.57	9.113	...H1-...
19	M37	PL3/8x6	.278	.125	10	.396	0	y	15	69971...	72900	.57	9.113	...H1-...
20	M38	HSS3....	.222	2.739	14	.055	1...		10	25218...	68796	6.08	6.08	...H1-...
21	M40	L2x2x3	.129	3.929	12	.009	3...	y	21	10796...	23392...	.558	1.088	...H2-1
22	M49	HSS4...	.379	0	22	.090	0	y	23	12477...	139518	16.181	16.181	...H1-...
23	M50	HSS4...	.168	2.458	22	.067	2...	y	14	12609...	139518	16.181	16.181	...H1-...
24	M51	PL1/2x6	.067	.125	2	.107	.25	y	7	95014...	97200	1.012	12.15	...H1-...
25	M52	PL1/2x6	.073	.25	8	.086	.25	y	47	95014...	97200	1.012	12.15	...H1-...
26	M53	PL1/2x6	.249	.542	8	.193	....	y	18	63416...	97200	1.012	12.15	...H1-...
27	M58	PL3/8x6	.218	.25	10	.123	.25	y	40	61872...	72900	.57	9.113	...H1-...
28	M59	PL3/8x6	.297	.125	4	.431	0	y	23	69971...	72900	.57	9.113	...H1-...
29	M60	PL3/8x6	.278	.25	8	.248	.25	y	14	61872...	72900	.57	9.113	...H1-...
30	M61	PL3/8x6	.285	.125	2	.409	0	y	20	69971...	72900	.57	9.113	...H1-...
31	M62	HSS3....	.215	2.739	18	.058	1...		2	25218...	68796	6.08	6.08	...H1-...
32	M63	L2x2x3	.146	3.929	2	.006	0	y	17	10796...	23392...	.558	1.088	...H2-1
33	MP1A	PIPE_...	.190	3.5	10	.139	3...		5	20866...	32130	1.872	1.872	...H1-...
34	MP1B	PIPE_...	.190	3.5	2	.139	3...		9	20866...	32130	1.872	1.872	...H1-...
35	MP1C	PIPE_...	.183	3.5	6	.147	3...		1	20866...	32130	1.872	1.872	...H1-...
36	MP2A	PIPE_...	.276	3.563	10	.080	3...		8	37773...	50715	3.596	3.596	...H1-...
37	MP2B	PIPE_...	.281	3.563	2	.078	3...		12	37773...	50715	3.596	3.596	...H1-...
38	MP2C	PIPE_...	.269	3.563	6	.077	3...		4	37773...	50715	3.596	3.596	...H1-...
39	MP3A	PIPE_...	.337	3.5	4	.081	1...		6	20866...	32130	1.872	1.872	...H1-...
40	MP3B	PIPE_...	.332	3.5	8	.080	1...		10	20866...	32130	1.872	1.872	...H1-...
41	MP3C	PIPE_...	.338	3.5	1	.081	1...		2	20866...	32130	1.872	1.872	...H1-...
42	MP4A	PIPE_...	.229	3.5	4	.139	3...		11	20866...	32130	1.872	1.872	...H1-...
43	MP4B	PIPE_...	.226	3.5	8	.139	3...		2	20866...	32130	1.872	1.872	...H1-...
44	MP4C	PIPE_...	.230	3.5	1	.147	3...		7	20866...	32130	1.872	1.872	...H1-...
45	M73	PIPE_...	.153	2.604	21	.063	1...		14	14558...	50715	3.596	3.596	...H1-...
46	M88A	PIPE_...	.150	2.604	13	.062	1...		18	14558...	50715	3.596	3.596	...H1-...
47	M91	PIPE_...	.148	2.604	17	.060	1...		22	14558...	50715	3.596	3.596	...H1-...
48	M94	L3X3X4	.172	0	11	.046	0	y	6	44875...	46656	1.688	3.756	...H2-1
49	M95	L3X3X4	.174	0	3	.045	0	y	10	44875...	46656	1.688	3.756	...H2-1
50	M96	L3X3X4	.176	0	7	.047	0	y	2	44875...	46656	1.688	3.756	...H2-1
51	OVP	PIPE_...	.202	3.5	1	.051	3.5		11	26521...	32130	1.872	1.872	...H1-...
52	M101A	L2x2x3	.133	3.929	8	.009	3...	y	17	10796...	23392...	.558	1.088	...H2-1
53	M102A	L2x2x3	.145	3.929	10	.006	0	z	12	10796...	23392...	.558	1.088	...H2-1
54	M109	L2x2x3	.130	3.929	4	.009	3...	y	13	10796...	23392...	.558	1.088	...H2-1
55	M110	L2x2x3	.141	3.929	6	.007	0	y	21	10796...	23392...	.558	1.088	...H2-1

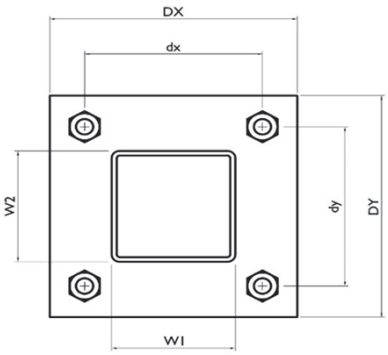
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	NEW MILFORD E CT		
MDG #:	5000246936		
Fuze ID #:	17123966	Page:	1

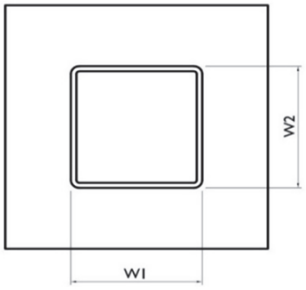
Version 1.01

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)* :	7
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	7
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	5.4
Required Shear Strength / bolt (kips):	0.8
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**25.9%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.625
Length of Yield Line, L_y (in):	7.75
Bolt Eccentricity, e (in):	2.35
M_u (kip-in):	12.64
Phi*M_n (kip-in):	24.52
Plate Bending Utilization:	**51.5%**



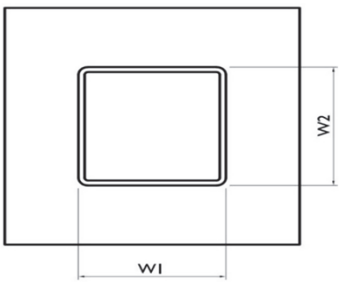
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	NEW MILFORD E CT		
PSLC #:	5000246936		
Fuze ID #:	17123966	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Weld Size (1/16 in):	5
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.33
Weld Capacity (kip/in):	6.96
Weld Utilization:	**33.4%**



Date: **January 18, 2024**

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

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

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

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

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

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

Structural analysis prepared by: Emma McCarty

Respectfully submitted by:

Haoxuan Lei, P.E.
Project Engineer

STATE OF CONNECTICUT
HAOXUAN LEI
No. 0036410
LICENSED
PROFESSIONAL ENGINEER

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

TABLE OF CONTENTS

1) INTRODUCTION

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

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	115 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.00 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
149	152	1	raycap	RRFDC-3315-PF-48	7	1-5/8
	149	6	antel	LPA-80080/6CF w/ Mount Pipe		
		2	kaelus	BSF0020F3V1		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		
		1	tower mounts	Platform Mount [LP 303-1_HR-1]		
	148	6	jma wireless	MX06FIT665-02 w/ Mount Pipe		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
162	162	3	ericsson	RADIO 4460 B2/B25 B66_TMO	3	1-5/8
		3	ericsson	Radio 4480_TMOV2		
		1	tower mounts	Platform Mount [LP 1201-1_KCKR-HR-1]		
	161	3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe		
	160	3	rfs celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
132	133	3	ericsson	RRUS 4449 B5/B12	6	1-5/8
		3	ericsson	RRUS 4478 B14	2	3/8
		3	ericsson	RRUS 8843 B2/B66A	2	7/16
		2	kathrein	80010964 w/ Mount Pipe	4	3/4
		4	kathrein	80010965 w/ Mount Pipe	2	conduit

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

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	2158227	CCISITES
4-POST-MODIFICATION INSPECTION	2331636	CCISITES
4-POST-MODIFICATION INSPECTION	3839077	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1614622	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1613541	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2055769	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	3375822	CCISITES

3.1) Analysis Method

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

tnxTower was used to determine the loads on the modified structure. Additional calculations were performed to determine the stresses in the reinforcing elements. These calculations are included in Appendix C.

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

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

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

Table 5 - Tower Component Stresses vs. Capacity - LC5

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

Structure Rating (max from all components) =	98.4%

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

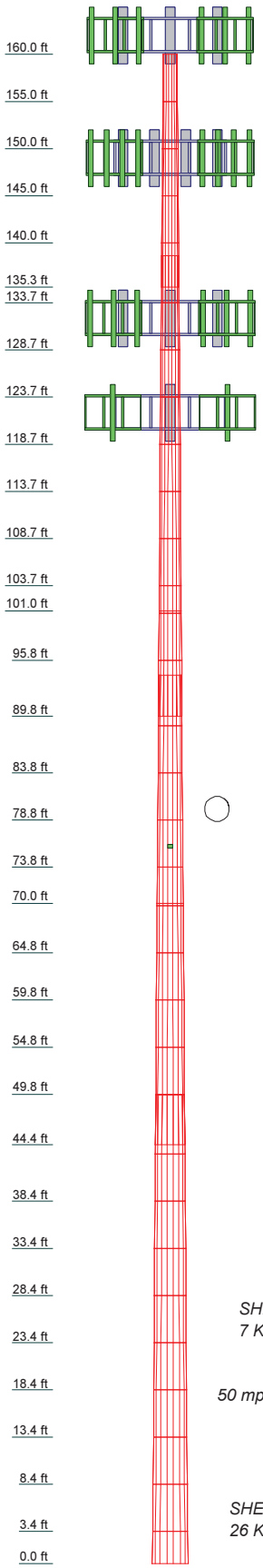
4.1) Recommendations

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

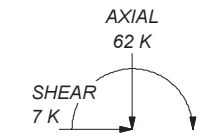
APPENDIX A

TNXTOWER OUTPUT

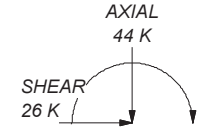
Section		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
Length (ft)		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	3.38
Number of Sides		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Thickness (in)		0.1875	0.1875	0.1875	0.1875	0.1875	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.3125	0.3125	0.3125	0.3125	0.3125	0.5000	0.5000	0.5000	0.4875	0.4875	0.4875	0.4875	0.3750	0.3750	0.3750	0.3750	0.3750	0.3750	0.3750	0.3750	0.3750
Socket Length (ft)						3.33											4.33											5.25											
Top Dia (in)	44.4004	18.0000	18.9019	19.8038	20.7057	21.6076	22.5095	23.4114	24.3133	25.2152	26.1171	27.0190	27.9209	28.8228	29.7247	30.6266	31.5285	32.4304	33.3323	34.2342	35.1361	36.0380	36.9399	37.8418	38.7437	39.6456	40.5475	41.4494	42.3513	43.2532	44.1551	45.0570	45.9589	46.8608	47.7627	48.6646	49.5665	50.4684	51.3703
Bot Dia (in)	45.0000	18.9019	19.8038	20.7057	21.6076	22.5095	23.4114	24.3133	25.2152	26.1171	27.0190	27.9209	28.8228	29.7247	30.6266	31.5285	32.4304	33.3323	34.2342	35.1361	36.0380	36.9399	37.8418	38.7437	39.6456	40.5475	41.4494	42.3513	43.2532	44.1551	45.0570	45.9589	46.8608	47.7627	48.6646	49.5665	50.4684	51.3703	52.2722
Grade		A572-65																																				
Weight (K)	19.6	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.2	0.0	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.6



ALL REACTIONS ARE FACTORED



TORQUE 1 kip-ft
50 mph WIND - 1.0000 in ICE



TORQUE 4 kip-ft
REACTIONS - 115 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Litchfield County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 115 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to i ncrease in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.00 ft

CROWN CASTLE
The Pathway to Possible

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

Job: **BU 876397**			
Project:			
Client: Crown Castle	Drawn by: EMcCarty		App'd:
Code: TIA-222-H	Date: 01/18/24		Scale: NTS
Path: C:\WORK AREA\876397\WO 2278583 - SA\Prod\876397.er			Dwg No. E-1

Tower Input Data

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

Tower is located in Litchfield County, Connecticut.
Tower base elevation above sea level: 982.00 ft.
Basic wind speed of 115 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.0000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
TOWER RATING: 96.1%.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	160.00-155.00	5.00	0.00	18	18.0000	18.9019	0.1875	0.7500	A572-65 (65 ksi)
L2	155.00-150.00	5.00	0.00	18	18.9019	19.8038	0.1875	0.7500	A572-65 (65 ksi)
L3	150.00-145.00	5.00	0.00	18	19.8038	20.7057	0.1875	0.7500	A572-65 (65 ksi)
L4	145.00-140.00	5.00	0.00	18	20.7057	21.6076	0.1875	0.7500	A572-65 (65 ksi)
L5	140.00-135.33	4.67	3.33	18	21.6076	22.4500	0.1875	0.7500	A572-65 (65 ksi)
L6	135.33-133.66	5.00	0.00	18	21.4738	22.3632	0.2500	1.0000	A572-65 (65 ksi)
L7	133.66-128.66	5.00	0.00	18	22.3632	23.2527	0.2500	1.0000	A572-65 (65 ksi)
L8	128.66-123.66	5.00	0.00	18	23.2527	24.1421	0.2500	1.0000	A572-65 (65 ksi)
L9	123.66-118.66	5.00	0.00	18	24.1421	25.0315	0.2500	1.0000	A572-65 (65 ksi)
L10	118.66-113.66	5.00	0.00	18	25.0315	25.9210	0.2500	1.0000	A572-65 (65 ksi)
L11	113.66-108.66	5.00	0.00	18	25.9210	26.8104	0.2500	1.0000	A572-65 (65 ksi)
L12	108.66-103.66	5.00	0.00	18	26.8104	27.6998	0.2500	1.0000	A572-65 (65 ksi)
L13	103.66-101.00	2.66	0.00	18	27.6998	28.1735	0.2500	1.0000	A572-65 (65 ksi)
L14	101.00-100.75	0.25	0.00	18	28.1735	28.2180	0.2500	1.0000	A572-65 (65 ksi)
L15	100.75-95.75	5.00	0.00	18	28.2180	29.1074	0.2500	1.0000	A572-65 (65 ksi)
L16	95.75-89.83	5.92	4.33	18	29.1074	30.1600	0.2500	1.0000	A572-65 (65 ksi)
L17	89.83-88.83	5.33	0.00	18	28.8892	29.8372	0.3125	1.2500	A572-65 (65 ksi)
L18	88.83-83.83	5.00	0.00	18	29.8372	30.7260	0.3125	1.2500	A572-65 (65 ksi)
L19	83.83-78.83	5.00	0.00	18	30.7260	31.6148	0.3125	1.2500	A572-65 (65 ksi)
L20	78.83-73.83	5.00	0.00	18	31.6148	32.5037	0.3125	1.2500	A572-65 (65 ksi)
L21	73.83-70.00	3.83	0.00	18	32.5037	33.1850	0.3125	1.2500	A572-65 (65 ksi)
L22	70.00-69.75	0.25	0.00	18	33.1850	33.2295	0.5125	2.0500	A572-65 (65 ksi)
L23	69.75-64.75	5.00	0.00	18	33.2295	34.1183	0.5000	2.0000	A572-65 (65 ksi)
L24	64.75-59.75	5.00	0.00	18	34.1183	35.0071	0.5000	2.0000	A572-65 (65 ksi)
L25	59.75-54.75	5.00	0.00	18	35.0071	35.8959	0.4875	1.9500	A572-65 (65 ksi)
L26	54.75-49.75	5.00	0.00	18	35.8959	36.7847	0.4875	1.9500	A572-65 (65 ksi)
L27	49.75-44.38	5.37	5.25	18	36.7847	37.7400	0.4875	1.9500	A572-65 (65 ksi)
L28	44.38-43.38	6.25	0.00	18	36.1817	37.2923	0.3750	1.5000	A572-65 (65 ksi)
L29	43.38-38.38	5.00	0.00	18	37.2923	38.1808	0.3750	1.5000	A572-65 (65 ksi)
L30	38.38-33.38	5.00	0.00	18	38.1808	39.0693	0.3750	1.5000	A572-65 (65 ksi)
L31	33.38-28.38	5.00	0.00	18	39.0693	39.9577	0.3750	1.5000	A572-65

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
									(65 ksi)
L32	28.38-23.38	5.00	0.00	18	39.9577	40.8462	0.3750	1.5000	A572-65 (65 ksi)
L33	23.38-18.38	5.00	0.00	18	40.8462	41.7347	0.3750	1.5000	A572-65 (65 ksi)
L34	18.38-13.38	5.00	0.00	18	41.7347	42.6232	0.3750	1.5000	A572-65 (65 ksi)
L35	13.38-8.38	5.00	0.00	18	42.6232	43.5116	0.3750	1.5000	A572-65 (65 ksi)
L36	8.38-3.38	5.00	0.00	18	43.5116	44.4001	0.3750	1.5000	A572-65 (65 ksi)
L37	3.38-0.00	3.38		18	44.4001	45.0000	0.3750	1.5000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	18.2488	10.6007	424.9328	6.3234	9.1440	46.4712	850.4248	5.3013	2.8380	15.136
	19.1646	11.1374	492.8034	6.6436	9.6022	51.3221	986.2553	5.5698	2.9967	15.983
L2	19.1646	11.1374	492.8034	6.6436	9.6022	51.3221	986.2553	5.5698	2.9967	15.983
	20.0804	11.6742	567.5415	6.9638	10.0603	56.4138	1135.8298	5.8382	3.1555	16.829
L3	20.0804	11.6742	567.5415	6.9638	10.0603	56.4138	1135.8298	5.8382	3.1555	16.829
	20.9962	12.2109	649.4779	7.2840	10.5185	61.7462	1299.8105	6.1066	3.3142	17.676
L4	20.9962	12.2109	649.4779	7.2840	10.5185	61.7462	1299.8105	6.1066	3.3142	17.676
	21.9120	12.7476	738.9437	7.6041	10.9767	67.3195	1478.8598	6.3750	3.4729	18.522
L5	21.9120	12.7476	738.9437	7.6041	10.9767	67.3195	1478.8598	6.3750	3.4729	18.522
	22.7674	13.2490	829.5975	7.9032	11.4046	72.7424	1660.2866	6.6257	3.6212	19.313
L6	22.3685	16.8411	958.4141	7.5344	10.9087	87.8579	1918.0893	8.4221	3.3394	13.358
	22.6696	17.5468	1084.0282	7.8502	11.3605	95.4207	2169.4827	8.7751	3.4959	13.984
L7	22.6696	17.5468	1084.0282	7.8502	11.3605	95.4207	2169.4827	8.7751	3.4959	13.984
	23.5728	18.2526	1220.1646	8.1659	11.8124	103.2957	2441.9347	9.1280	3.6525	14.61
L8	23.5728	18.2526	1220.1646	8.1659	11.8124	103.2957	2441.9347	9.1280	3.6525	14.61
	24.4760	18.9584	1367.2467	8.4817	12.2642	111.4829	2736.2924	9.4810	3.8090	15.236
L9	24.4760	18.9584	1367.2467	8.4817	12.2642	111.4829	2736.2924	9.4810	3.8090	15.236
	25.3791	19.6641	1525.6976	8.7974	12.7160	119.9824	3053.4028	9.8339	3.9655	15.862
L10	25.3791	19.6641	1525.6976	8.7974	12.7160	119.9824	3053.4028	9.8339	3.9655	15.862
	26.2823	20.3699	1695.9406	9.1132	13.1678	128.7941	3394.1129	10.1869	4.1221	16.488
L11	26.2823	20.3699	1695.9406	9.1132	13.1678	128.7941	3394.1129	10.1869	4.1221	16.488
	27.1854	21.0757	1878.3990	9.4289	13.6197	137.9180	3759.2696	10.5398	4.2786	17.115
L12	27.1854	21.0757	1878.3990	9.4289	13.6197	137.9180	3759.2696	10.5398	4.2786	17.115
	28.0886	21.7814	2073.4959	9.7447	14.0715	147.3542	4149.7202	10.8928	4.4352	17.741
L13	28.0886	21.7814	2073.4959	9.7447	14.0715	147.3542	4149.7202	10.8928	4.4352	17.741
	28.5696	22.1573	2182.7085	9.9129	14.3122	152.5073	4368.2891	11.0808	4.5185	18.074
L14	28.5696	22.1573	2182.7085	9.9129	14.3122	152.5073	4368.2891	11.0808	4.5185	18.074
	28.6148	22.1926	2193.1538	9.9286	14.3347	152.9956	4389.1935	11.0984	4.5264	18.105
L15	28.6148	22.1926	2193.1538	9.9286	14.3347	152.9956	4389.1935	11.0984	4.5264	18.105
	29.5179	22.8984	2409.1174	10.2444	14.7866	162.9259	4821.4048	11.4514	4.6829	18.732
L16	29.5179	22.8984	2409.1174	10.2444	14.7866	162.9259	4821.4048	11.4514	4.6829	18.732
	30.5867	23.7336	2682.4623	10.6181	15.3213	175.0808	5368.4542	11.8690	4.8682	19.473
L17	30.0688	28.3445	2924.3637	10.1447	14.6757	199.2654	5852.5753	14.1750	4.5345	14.51
	30.2493	29.2848	3225.1646	10.4813	15.1573	212.7795	6454.5730	14.6452	4.7014	15.044
L18	30.2493	29.2848	3225.1646	10.4813	15.1573	212.7795	6454.5730	14.6452	4.7014	15.044
	31.1518	30.1664	3525.2918	10.7968	15.6088	225.8525	7055.2222	15.0861	4.8578	15.545
L19	31.1518	30.1664	3525.2918	10.7968	15.6088	225.8525	7055.2222	15.0861	4.8578	15.545
	32.0543	31.0480	3843.4837	11.1123	16.0603	239.3152	7692.0247	15.5270	5.0142	16.045
L20	32.0543	31.0480	3843.4837	11.1123	16.0603	239.3152	7692.0247	15.5270	5.0142	16.045
	32.9569	31.9296	4180.2682	11.4279	16.5119	253.1677	8366.0369	15.9678	5.1706	16.546

Section	Tip Dia.	Area	I	r	C	I/C	J	It/Q	w	w/t
	in	in^2	in^4	in	in	in^3	in^4	in^2	in	
L21	32.9569	31.9296	4180.2682	11.4279	16.5119	253.1677	8366.0369	15.9678	5.1706	16.546
	33.6487	32.6054	4451.3667	11.6697	16.8580	264.0509	8908.5907	16.3058	5.2906	16.93
L22	33.6179	53.1476	7167.8041	11.5987	16.8580	425.1873	14345.0398	26.5788	4.9386	9.636
	33.6630	53.2199	7197.0924	11.6145	16.8806	426.3537	14403.6550	26.6150	4.9464	9.651
L23	33.6649	51.9417	7029.6047	11.6190	16.8806	416.4318	14068.4592	25.9758	4.9684	9.937
	34.5675	53.3522	7617.9921	11.9345	17.3321	439.5313	15246.0082	26.6812	5.1248	10.25
L24	34.5675	53.3522	7617.9921	11.9345	17.3321	439.5313	15246.0082	26.6812	5.1248	10.25
	35.4700	54.7627	8238.3288	12.2500	17.7836	463.2543	16487.4977	27.3866	5.2812	10.562
L25	35.4719	53.4130	8041.1027	12.2545	17.7836	452.1640	16092.7862	26.7116	5.3032	10.878
	36.3744	54.7883	8678.3605	12.5700	18.2351	475.9148	17368.1403	27.3994	5.4597	11.199
L26	36.3744	54.7883	8678.3605	12.5700	18.2351	475.9148	17368.1403	27.3994	5.4597	11.199
	37.2770	56.1636	9348.4275	12.8855	18.6866	500.2736	18709.1560	28.0871	5.6161	11.52
L27	37.2770	56.1636	9348.4275	12.8855	18.6866	500.2736	18709.1560	28.0871	5.6161	11.52
	38.2470	57.6417	10106.1389	13.2246	19.1719	527.1323	20225.5757	28.8263	5.7842	11.865
L28	37.6293	42.6190	6903.5152	12.7114	18.3803	375.5926	13816.1142	21.3135	5.7080	15.221
	37.8098	43.9409	7566.0069	13.1057	18.9445	399.3773	15141.9693	21.9746	5.9035	15.743
L29	37.8098	43.9409	7566.0069	13.1057	18.9445	399.3773	15141.9693	21.9746	5.9035	15.743
	38.7120	44.9984	8125.5208	13.4211	19.3959	418.9309	16261.7333	22.5035	6.0598	16.16
L30	38.7120	44.9984	8125.5208	13.4211	19.3959	418.9309	16261.7333	22.5035	6.0598	16.16
	39.6141	46.0559	8711.9607	13.7365	19.8472	438.9518	17435.3848	23.0323	6.2162	16.577
L31	39.6141	46.0559	8711.9607	13.7365	19.8472	438.9518	17435.3848	23.0323	6.2162	16.577
	40.5163	47.1134	9325.9594	14.0519	20.2985	459.4400	18664.1901	23.5612	6.3726	16.994
L32	40.5163	47.1134	9325.9594	14.0519	20.2985	459.4400	18664.1901	23.5612	6.3726	16.994
	41.4185	48.1709	9968.1496	14.3673	20.7499	480.3955	19949.4156	24.0900	6.5289	17.41
L33	41.4185	48.1709	9968.1496	14.3673	20.7499	480.3955	19949.4156	24.0900	6.5289	17.41
	42.3207	49.2284	10639.1643	14.6827	21.2012	501.8184	21292.3278	24.6189	6.6853	17.827
L34	42.3207	49.2284	10639.1643	14.6827	21.2012	501.8184	21292.3278	24.6189	6.6853	17.827
	43.2228	50.2859	11339.6360	14.9981	21.6526	523.7086	22694.1931	25.1477	6.8417	18.244
L35	43.2228	50.2859	11339.6360	14.9981	21.6526	523.7086	22694.1931	25.1477	6.8417	18.244
	44.1250	51.3434	12070.1977	15.3135	22.1039	546.0662	24156.2777	25.6766	6.9980	18.661
L36	44.1250	51.3434	12070.1977	15.3135	22.1039	546.0662	24156.2777	25.6766	6.9980	18.661
	45.0272	52.4009	12831.4822	15.6289	22.5553	568.8911	25679.8483	26.2054	7.1544	19.078
L37	45.0272	52.4009	12831.4822	15.6289	22.5553	568.8911	25679.8483	26.2054	7.1544	19.078
	45.6363	53.1149	13363.1957	15.8419	22.8600	584.5667	26743.9750	26.5625	7.2600	19.36

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft^2	in					in	in	in
L1 160.00-155.00				1	1	1			
L2 155.00-150.00				1	1	1			
L3 150.00-145.00				1	1	1			
L4 145.00-140.00				1	1	1			
L5 140.00-135.33				1	1	1			
L6 135.33-133.66				1	1	1			
L7 133.66-128.66				1	1	1			
L8 128.66-123.66				1	1	1			
L9 123.66-118.66				1	1	1			
L10 118.66-113.66				1	1	1			
L11 113.66-108.66				1	1	1			
L12 108.66-				1	1	1			

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

Feed Line/Linear Appurtenances - Entered As Round Or Flat

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

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

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
***									
HB158-21U6S24-xxM_TMO(1-5/8)	C	No	No	Inside Pole	160.00 - 0.00	3	No Ice	0.00	2.50
							1/2'' Ice	0.00	2.50
							1'' Ice	0.00	2.50
***									
LDF7-50A(1-5/8)	B	No	No	Inside Pole	149.00 - 0.00	6	No Ice	0.00	0.82
							1/2'' Ice	0.00	0.82
							1'' Ice	0.00	0.82
HB158-U12S24-XXX-LI(1-5/8)	B	No	No	Inside Pole	149.00 - 0.00	1	No Ice	0.00	3.20
							1/2'' Ice	0.00	3.20
							1'' Ice	0.00	3.20
***									
LDF2-50(3/8)	B	No	No	Inside Pole	0.00 - 0.00	1	No Ice	0.04	0.08
							1/2'' Ice	0.14	0.65
							1'' Ice	0.24	1.84
***									
LDF7-50A(1-5/8)	A	No	No	Inside Pole	132.00 - 0.00	6	No Ice	0.00	0.82
							1/2'' Ice	0.00	0.82
							1'' Ice	0.00	0.82
FB-L98B-002-75000(3/8)	A	No	No	Inside Pole	132.00 - 0.00	1	No Ice	0.00	0.06
							1/2'' Ice	0.00	0.06
							1'' Ice	0.00	0.06
FB-L98B-034-XXX(3/8)	A	No	No	Inside Pole	132.00 - 0.00	1	No Ice	0.00	0.06
							1/2'' Ice	0.00	0.06
							1'' Ice	0.00	0.06
WR-VG122ST-BRDA(7/16)	A	No	No	Inside Pole	132.00 - 0.00	2	No Ice	0.00	0.14
							1/2'' Ice	0.00	0.14
							1'' Ice	0.00	0.14
WR-VG86ST-BRD(3/4)	A	No	No	Inside Pole	132.00 - 0.00	4	No Ice	0.00	0.58
							1/2'' Ice	0.00	0.58
							1'' Ice	0.00	0.58
2'' Rigid Conduit	A	No	No	Inside Pole	132.00 - 0.00	1	No Ice	0.00	2.80
							1/2'' Ice	0.00	2.80
							1'' Ice	0.00	2.80
***									
LDF4-50A(1/2)	A	No	No	Inside Pole	77.00 - 0.00	1	No Ice	0.00	0.15

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
							1/2'' Ice	0.00	0.15
							1'' Ice	0.00	0.15
***									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	160.00-155.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.04
L2	155.00-150.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.04
L3	150.00-145.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.03
		C	0.000	0.000	0.000	0.000	0.04
L4	145.00-140.00	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L5	140.00-135.33	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L6	135.33-133.66	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.01
L7	133.66-128.66	A	0.000	0.000	0.000	0.000	0.03
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L8	128.66-123.66	A	0.000	0.000	0.000	0.000	0.05
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L9	123.66-118.66	A	0.000	0.000	0.534	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L10	118.66-113.66	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L11	113.66-108.66	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L12	108.66-103.66	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L13	103.66-101.00	A	0.000	0.000	1.551	0.000	0.03
		B	0.000	0.000	1.125	0.000	0.02
		C	0.000	0.000	1.125	0.000	0.02
L14	101.00-100.75	A	0.000	0.000	0.228	0.000	0.00
		B	0.000	0.000	0.188	0.000	0.00
		C	0.000	0.000	0.188	0.000	0.00
L15	100.75-95.75	A	0.000	0.000	4.550	0.000	0.06
		B	0.000	0.000	3.750	0.000	0.04
		C	0.000	0.000	3.750	0.000	0.04
L16	95.75-89.83	A	0.000	0.000	3.384	0.000	0.08
		B	0.000	0.000	2.438	0.000	0.05

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		C	0.000	0.000	2.438	0.000	0.04
L17	89.83-88.83	A	0.000	0.000	0.160	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.01
L18	88.83-83.83	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L19	83.83-78.83	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L20	78.83-73.83	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L21	73.83-70.00	A	0.000	0.000	2.613	0.000	0.05
		B	0.000	0.000	2.000	0.000	0.03
		C	0.000	0.000	2.000	0.000	0.03
L22	70.00-69.75	A	0.000	0.000	0.290	0.000	0.00
		B	0.000	0.000	0.250	0.000	0.00
		C	0.000	0.000	0.250	0.000	0.00
L23	69.75-64.75	A	0.000	0.000	5.800	0.000	0.06
		B	0.000	0.000	5.000	0.000	0.04
		C	0.000	0.000	5.000	0.000	0.04
L24	64.75-59.75	A	0.000	0.000	5.800	0.000	0.06
		B	0.000	0.000	5.000	0.000	0.04
		C	0.000	0.000	5.000	0.000	0.04
L25	59.75-54.75	A	0.000	0.000	5.800	0.000	0.06
		B	0.000	0.000	5.000	0.000	0.04
		C	0.000	0.000	5.000	0.000	0.04
L26	54.75-49.75	A	0.000	0.000	5.800	0.000	0.06
		B	0.000	0.000	5.000	0.000	0.04
		C	0.000	0.000	5.000	0.000	0.04
L27	49.75-44.38	A	0.000	0.000	3.610	0.000	0.07
		B	0.000	0.000	2.750	0.000	0.04
		C	0.000	0.000	2.750	0.000	0.04
L28	44.38-43.38	A	0.000	0.000	0.160	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.01
		C	0.000	0.000	0.000	0.000	0.01
L29	43.38-38.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L30	38.38-33.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L31	33.38-28.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L32	28.38-23.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L33	23.38-18.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L34	18.38-13.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L35	13.38-8.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L36	8.38-3.38	A	0.000	0.000	0.800	0.000	0.06
		B	0.000	0.000	0.000	0.000	0.04
		C	0.000	0.000	0.000	0.000	0.04
L37	3.38-0.00	A	0.000	0.000	0.540	0.000	0.04

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		B	0.000	0.000	0.000	0.000	0.03
		C	0.000	0.000	0.000	0.000	0.03

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	160.00-155.00	A	0.994	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.04
L2	155.00-150.00	A	0.991	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.04
L3	150.00-145.00	A	0.987	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.03
		C		0.000	0.000	0.000	0.000	0.04
L4	145.00-140.00	A	0.984	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L5	140.00-135.33	A	0.980	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L6	135.33-133.66	A	0.978	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.01
L7	133.66-128.66	A	0.976	0.000	0.000	0.000	0.000	0.03
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L8	128.66-123.66	A	0.972	0.000	0.000	0.000	0.000	0.05
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L9	123.66-118.66	A	0.968	0.000	0.000	1.180	0.000	0.07
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L10	118.66-113.66	A	0.964	0.000	0.000	1.764	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L11	113.66-108.66	A	0.960	0.000	0.000	1.760	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L12	108.66-103.66	A	0.955	0.000	0.000	1.755	0.000	0.08
		B		0.000	0.000	0.000	0.000	0.04
		C		0.000	0.000	0.000	0.000	0.04
L13	103.66-101.00	A	0.952	0.000	0.000	2.228	0.000	0.05
		B		0.000	0.000	1.295	0.000	0.03
		C		0.000	0.000	1.295	0.000	0.03
L14	101.00-100.75	A	0.950	0.000	0.000	0.303	0.000	0.01
		B		0.000	0.000	0.216	0.000	0.00
		C		0.000	0.000	0.216	0.000	0.00
L15	100.75-95.75	A	0.948	0.000	0.000	6.064	0.000	0.11
		B		0.000	0.000	4.316	0.000	0.07
		C		0.000	0.000	4.316	0.000	0.06
L16	95.75-89.83	A	0.943	0.000	0.000	4.866	0.000	0.11
		B		0.000	0.000	2.804	0.000	0.07
		C		0.000	0.000	2.804	0.000	0.06
L17	89.83-88.83	A	0.939	0.000	0.000	0.349	0.000	0.02
		B		0.000	0.000	0.000	0.000	0.01
		C		0.000	0.000	0.000	0.000	0.01
L18	88.83-83.83	A	0.936	0.000	0.000	1.736	0.000	0.08

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

Feed Line Center of Pressure

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

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L9	26	CU12PSM9P6XXX(1-1/2)	118.66 - 122.00	1.0000	1.0000
L10	26	CU12PSM9P6XXX(1-1/2)	113.66 - 118.66	1.0000	1.0000
L11	26	CU12PSM9P6XXX(1-1/2)	108.66 - 113.66	1.0000	1.0000
L12	26	CU12PSM9P6XXX(1-1/2)	103.66 -	1.0000	1.0000

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

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L25	2	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	1.0000	1.0000
L25	3	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	1.0000	1.0000
L25	4	(Area) Sabre MS600 (1.00x6.00)	54.75 - 59.75	1.0000	1.0000
L25	26	CU12PSM9P6XXX(1-1/2)	54.75 - 59.75	1.0000	1.0000
L26	2	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	1.0000	1.0000
L26	3	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	1.0000	1.0000
L26	4	(Area) Sabre MS600 (1.00x6.00)	49.75 - 54.75	1.0000	1.0000
L26	26	CU12PSM9P6XXX(1-1/2)	49.75 - 54.75	1.0000	1.0000
L27	2	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	1.0000	1.0000
L27	3	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	1.0000	1.0000
L27	4	(Area) Sabre MS600 (1.00x6.00)	47.00 - 49.75	1.0000	1.0000
L27	26	CU12PSM9P6XXX(1-1/2)	44.38 - 49.75	1.0000	1.0000
L28	26	CU12PSM9P6XXX(1-1/2)	43.38 - 44.38	1.0000	1.0000
L29	26	CU12PSM9P6XXX(1-1/2)	38.38 - 43.38	1.0000	1.0000
L30	26	CU12PSM9P6XXX(1-1/2)	33.38 - 38.38	1.0000	1.0000
L31	26	CU12PSM9P6XXX(1-1/2)	28.38 - 33.38	1.0000	1.0000
L32	26	CU12PSM9P6XXX(1-1/2)	23.38 - 28.38	1.0000	1.0000
L33	26	CU12PSM9P6XXX(1-1/2)	18.38 - 23.38	1.0000	1.0000
L34	26	CU12PSM9P6XXX(1-1/2)	13.38 - 18.38	1.0000	1.0000
L35	26	CU12PSM9P6XXX(1-1/2)	8.38 - 13.38	1.0000	1.0000
L36	26	CU12PSM9P6XXX(1-1/2)	3.38 - 8.38	1.0000	1.0000
L37	26	CU12PSM9P6XXX(1-1/2)	0.00 - 3.38	1.0000	1.0000

Effective Width of Flat Linear Attachments / Feed Lines

Tower Section	Attachment Record No.	Description	Attachment Segment Elev.	Ratio Calculation Method	Effective Width Ratio
L13	6	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	Auto	0.0019
L13	7	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	Auto	0.0019
L13	8	(Area) Sabre MS450 (1.00x4.50)	101.00 - 102.50	Auto	0.0019
L14	6	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	Auto	0.0000
L14	7	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	Auto	0.0000
L14	8	(Area) Sabre MS450 (1.00x4.50)	100.75 - 101.00	Auto	0.0000
L15	6	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	Auto	0.0000
L15	7	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	Auto	0.0000
L15	8	(Area) Sabre MS450 (1.00x4.50)	95.75 - 100.75	Auto	0.0000

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

Discrete Tower Loads

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

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

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

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

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	160 - 155	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-8.97	0.00	0.00

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

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	8	19.72	-486.43	0.48
			Max. Vx	2	-19.77	-0.26	485.90
			Max. Torque	13			4.55
L10	118.663 - 113.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.22	-0.49	0.29
			Max. Mx	8	-17.01	-585.64	0.45
			Max. My	2	-17.00	-0.25	585.40
			Max. Vy	8	20.00	-585.64	0.45
			Max. Vx	2	-20.05	-0.25	585.40
			Max. Torque	13			4.54
L11	113.663 - 108.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-32.99	-0.46	0.31
			Max. Mx	8	-17.73	-686.25	0.43
			Max. My	2	-17.71	-0.25	686.30
			Max. Vy	8	20.28	-686.25	0.43
			Max. Vx	2	-20.33	-0.25	686.30
			Max. Torque	13			4.54
L12	108.663 - 103.663	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-33.78	-0.43	0.33
			Max. Mx	8	-18.47	-788.19	0.41
			Max. My	2	-18.45	-0.24	788.54
			Max. Vy	8	20.54	-788.19	0.41
			Max. Vx	2	-20.60	-0.24	788.54
			Max. Torque	13			4.53
L13	103.663 - 101	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-34.23	-0.41	0.34
			Max. Mx	8	-18.86	-843.03	0.41
			Max. My	2	-18.85	-0.23	843.53
			Max. Vy	8	20.69	-843.03	0.41
			Max. Vx	2	-20.74	-0.23	843.53
			Max. Torque	13			4.52
L14	101 - 100.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-34.28	-0.41	0.34
			Max. Mx	8	-18.92	-848.19	0.41
			Max. My	2	-18.91	-0.23	848.71
			Max. Vy	8	20.68	-848.19	0.41
			Max. Vx	2	-20.74	-0.23	848.71
			Max. Torque	13			4.51
L15	100.75 - 95.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.18	-0.38	0.36
			Max. Mx	8	-19.69	-952.18	0.40
			Max. My	2	-19.68	-0.22	953.00
			Max. Vy	8	20.95	-952.18	0.40
			Max. Vx	2	-21.00	-0.22	953.00
			Max. Torque	13			4.51
L16	95.75 - 89.833	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.46	-0.37	0.36
			Max. Mx	8	-19.93	-985.39	0.39
			Max. My	2	-19.92	-0.21	986.30
			Max. Vy	8	21.04	-985.39	0.39
			Max. Vx	2	-21.09	-0.21	986.30
			Max. Torque	13			4.50
L17	89.833 - 88.833	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-37.08	-0.33	0.38
			Max. Mx	8	-21.23	-1098.57	0.38
			Max. My	2	-21.22	-0.20	1099.80
			Max. Vy	8	21.44	-1098.57	0.38
			Max. Vx	2	-21.50	-0.20	1099.80

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

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

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

Maximum Reactions

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

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	36.90	0.00	0.00	-0.08	0.12	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	44.28	0.00	-25.80	-3230.71	0.14	0.43
0.9 Dead+1.0 Wind 0 deg - No	33.21	0.00	-25.80	-3144.60	0.11	0.44

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

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

Solution Summary

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

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

Non-Linear Convergence Results

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

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

Maximum Tower Deflections - Service Wind

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

Critical Deflections and Radius of Curvature - Service Wind

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

Maximum Tower Deflections - Design Wind

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

Critical Deflections and Radius of Curvature - Design Wind

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

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	160 - 155 (1)	TP18.9019x18x0.1875	5.00	0.00	0.0	11.1374	-4.36	651.54	0.007
L2	155 - 150 (2)	TP19.8038x18.9019x0.1875	5.00	0.00	0.0	11.6742	-4.60	682.94	0.007
L3	150 - 145 (3)	TP20.7057x19.8038x0.1875	5.00	0.00	0.0	12.2109	-7.90	714.34	0.011
L4	145 - 140 (4)	TP21.6076x20.7057x0.1875	5.00	0.00	0.0	12.7476	-8.24	745.74	0.011
L5	140 - 135.33 (5)	TP22.45x21.6076x0.1875	4.67	0.00	0.0	12.8912	-8.33	754.13	0.011
L6	135.33 - 133.663 (6)	TP22.3632x21.4738x0.25	5.00	0.00	0.0	17.5468	-8.93	1026.49	0.009
L7	133.663 - 128.663 (7)	TP23.2527x22.3632x0.25	5.00	0.00	0.0	18.2526	-12.64	1067.78	0.012
L8	128.663 - 123.663 (8)	TP24.1421x23.2527x0.25	5.00	0.00	0.0	18.9584	-13.20	1109.06	0.012
L9	123.663 - 118.663 (9)	TP25.0315x24.1421x0.25	5.00	0.00	0.0	19.6641	-16.31	1150.35	0.014
L10	118.663 - 113.663 (10)	TP25.921x25.0315x0.25	5.00	0.00	0.0	20.3699	-16.99	1191.64	0.014
L11	113.663 - 108.663 (11)	TP26.8104x25.921x0.25	5.00	0.00	0.0	21.0757	-17.70	1232.93	0.014
L12	108.663 - 103.663 (12)	TP27.6998x26.8104x0.25	5.00	0.00	0.0	21.7814	-18.44	1274.21	0.014
L13	103.663 - 101 (13)	TP28.1735x27.6998x0.25	2.66	0.00	0.0	22.1573	-18.84	1296.20	0.015
L14	101 - 100.75 (14)	TP28.218x28.1735x0.25	0.25	0.00	0.0	22.1926	-18.90	1298.27	0.015
L15	100.75 - 95.75 (15)	TP29.1074x28.218x0.25	5.00	0.00	0.0	22.8984	-19.67	1339.56	0.015
L16	95.75 - 89.833 (16)	TP30.16x29.1074x0.25	5.92	0.00	0.0	23.1220	-19.91	1352.64	0.015
L17	89.833 - 88.833 (17)	TP29.8372x28.8892x0.3125	5.33	0.00	0.0	29.2848	-21.21	1713.16	0.012
L18	88.833 - 83.833 (18)	TP30.726x29.8372x0.3125	5.00	0.00	0.0	30.1664	-22.13	1764.74	0.013
L19	83.833 - 78.833 (19)	TP31.6148x30.726x0.3125	5.00	0.00	0.0	31.0480	-23.07	1816.31	0.013
L20	78.833 - 73.833 (20)	TP32.5037x31.6148x0.3125	5.00	0.00	0.0	31.9296	-24.11	1867.88	0.013
L21	73.833 - 70 (21)	TP33.185x32.5037x0.3125	3.83	0.00	0.0	32.6054	-24.85	1907.42	0.013
L22	70 - 69.75 (22)	TP33.2295x33.185x0.5125	0.25	0.00	0.0	53.2199	-24.94	3113.36	0.008
L23	69.75 - 64.75 (23)	TP34.1183x33.2295x0.5	5.00	0.00	0.0	53.3522	-26.23	3121.10	0.008
L24	64.75 - 59.75	TP35.0071x34.1183x0.5	5.00	0.00	0.0	54.7627	-27.54	3203.62	0.009

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

Pole Bending Design Data

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

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

Pole Shear Design Data

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

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

Pole Interaction Design Data

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

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

Section Capacity Table

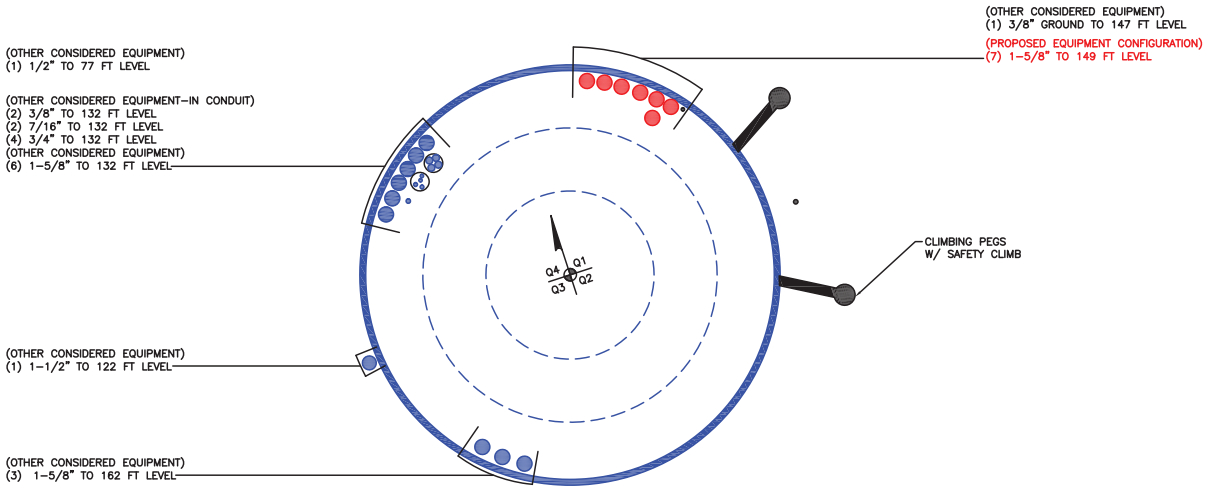
Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	160 - 155	Pole	TP18.9019x18x0.1875	1	-4.36	684.11	10.9	Pass
L2	155 - 150	Pole	TP19.8038x18.9019x0.1875	2	-4.60	717.08	18.5	Pass
L3	150 - 145	Pole	TP20.7057x19.8038x0.1875	3	-7.90	750.05	30.0	Pass
L4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

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

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

APPENDIX B

BASE LEVEL DRAWING


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

APPENDIX C

ADDITIONAL CALCULATIONS

CCIpole

per TIA-222- H

Site BU: 876397

Work Order: 2278583

Pole Geometry

	Pole Height Above Base (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Bend Radius (in)	Pole Material
1	160	24.67	3.333	18	18	22.45	0.1875	Auto	A572-65
2	138.663	48.83	4.333	18	21.47	30.16	0.25	Auto	A572-65
3	94.166	49.79	5.25	18	28.89	37.74	0.3125	Auto	A572-65
4	49.626	49.626	0	18	36.18	45	0.375	Auto	A572-65

Reinforcement Configuration

	Bottom Effective Elevation (ft)	Top Effective Elevation (ft)	Type	Model	Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	49	70	plate	MS-600 (1.1875")	3				x						x						x		
2	94	101	plate	MS-450 (1.1875")	3				x						x						x		
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

Reinforcement Details

	B (in)	H (in)	Gross Area (in^2)	Pole Face to Centroid (in)	Bottom Termination Type	Bottom Termination Length (in)	Top Termination Type	Top Termination Length (in)	Lu (in)	Net Area (in2)	Bolt Hole Size (in)	Reinforcement Material
1	6	1	6	0.5	PC 8.8 - M20 (100)	24	PC 8.8 - M20 (100)	24.000	16.375	4.750	1.1875	A572-65
2	4.5	1	4.5	0.5	PC 8.8 - M20 (100)	18	PC 8.8 - M20 (100)	18.000	20.625	3.250	1.1875	A572-65

TNX Geometry Input

Increment (ft): 5 Export to TNX

	Section Height (ft)	Section Length (ft)	Lap Splice Length (ft)	Number of Sides	Top Diameter (in)	Bottom Diameter (in)	Wall Thickness (in)	Tapered Pole Grade	Weight Multiplier
1	160 - 155	5		18	18.000	18.902	0.1875	A572-65	1.000
2	155 - 150	5		18	18.902	19.804	0.1875	A572-65	1.000
3	150 - 145	5		18	19.804	20.706	0.1875	A572-65	1.000
4	145 - 140	5		18	20.706	21.608	0.1875	A572-65	1.000
5	140 - 138.663	4.67	3.333	18	21.608	22.450	0.1875	A572-65	1.000
6	138.663 - 133.663	5		18	21.474	22.363	0.25	A572-65	1.000
7	133.663 - 128.663	5		18	22.363	23.253	0.25	A572-65	1.000
8	128.663 - 123.663	5		18	23.253	24.142	0.25	A572-65	1.000
9	123.663 - 118.663	5		18	24.142	25.032	0.25	A572-65	1.000
10	118.663 - 113.663	5		18	25.032	25.921	0.25	A572-65	1.000
11	113.663 - 108.663	5		18	25.921	26.810	0.25	A572-65	1.000
12	108.663 - 103.663	5		18	26.810	27.700	0.25	A572-65	1.000
13	103.663 - 101	2.663		18	27.700	28.174	0.25	A572-65	1.000
14	101 - 100.75	0.25		18	28.174	28.218	0.25	A572-65	1.000
15	100.75 - 95.75	5		18	28.218	29.107	0.25	A572-65	1.000
16	95.75 - 94.166	5.917	4.333	18	29.107	30.160	0.25	A572-65	1.000
17	94.166 - 88.833	5.333		18	28.889	29.837	0.3125	A572-65	1.000
18	88.833 - 83.833	5		18	29.837	30.726	0.3125	A572-65	1.000
19	83.833 - 78.833	5		18	30.726	31.615	0.3125	A572-65	1.000
20	78.833 - 73.833	5		18	31.615	32.504	0.3125	A572-65	1.000
21	73.833 - 70	3.833		18	32.504	33.185	0.3125	A572-65	1.000
22	70 - 69.75	0.25		18	33.185	33.229	0.5125	A572-65	0.952
23	69.75 - 64.75	5		18	33.229	34.118	0.5	A572-65	0.966
24	64.75 - 59.75	5		18	34.118	35.007	0.5	A572-65	0.957
25	59.75 - 54.75	5		18	35.007	35.896	0.4875	A572-65	0.973
26	54.75 - 49.75	5		18	35.896	36.785	0.4875	A572-65	0.965
27	49.75 - 49.626	5.374	5.25	18	36.785	37.740	0.4875	A572-65	0.964
28	49.626 - 43.376	6.25		18	36.182	37.292	0.375	A572-65	1.000
29	43.376 - 38.376	5		18	37.292	38.181	0.375	A572-65	1.000
30	38.376 - 33.376	5		18	38.181	39.069	0.375	A572-65	1.000
31	33.376 - 28.376	5		18	39.069	39.958	0.375	A572-65	1.000
32	28.376 - 23.376	5		18	39.958	40.846	0.375	A572-65	1.000
33	23.376 - 18.376	5		18	40.846	41.735	0.375	A572-65	1.000
34	18.376 - 13.376	5		18	41.735	42.623	0.375	A572-65	1.000
35	13.376 - 8.376	5		18	42.623	43.512	0.375	A572-65	1.000
36	8.376 - 3.376	5		18	43.512	44.400	0.375	A572-65	1.000
37	3.376 - 0	3.376		18	44.400	45.000	0.375	A572-65	1.000

TNX Section Forces

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

Analysis Results

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

Additional Calculations

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

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

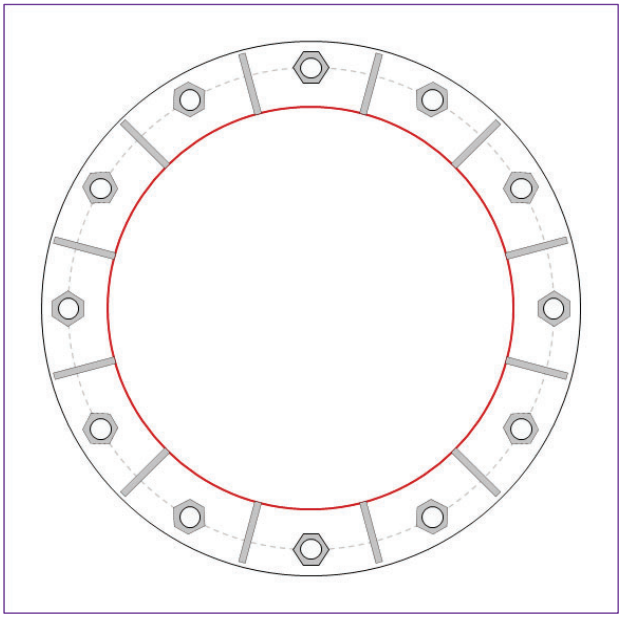
Monopole Base Plate Connection

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

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

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

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(12) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 54" BC

Base Plate Data

60" OD x 2" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

(12) 18"H x 7"W x 0.75"T, Notch: 0.75"
plate: Fy= 50 ksi ; weld: Fy= 70 ksi
horiz. weld: 0.375" groove, 45° dbl bevel, 0" fillet
vert. weld: 0.3125" fillet

Pole Data

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

Analysis Results

Anchor Rod Summary		*(units of kips, kip-in)*
Pu_t = 236.01	ϕPn_t = 243.75	**Stress Rating**
Vu = 2.16	ϕVn = 149.1	**94.4%**
Mu = 3.51	ϕMn = 128.14	**Pass**

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

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

Pier and Pad Foundation

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

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	44.28	kips
Base Shear, Vu_comp:	25.86	kips
Moment, M_u:	3238.17	ft-kips
Tower Height, **H**:	160	ft
BP Dist. Above Fdn, bp_{dist}:	4.75	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	6	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	8	
Pier Rebar Quantity, **mc**:	34	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	6	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

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

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

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

<--Toggle between Gross and Net

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

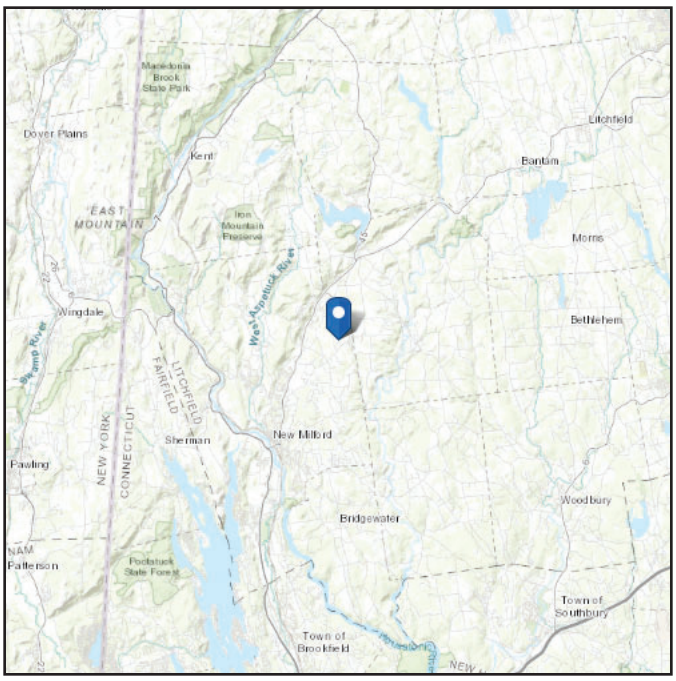
Structural Rating:	**89.2%**
Soil Rating:	**77.1%**

Version 5.0.2

ASCE Hazards Report

Address:
No Address at This Location

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



Wind

Results:

Wind Speed	115 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	89 Vmph
100-year MRI	95 Vmph

Data Source:	ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed:	Thu Jan 18 2024

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

Site is not in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2.

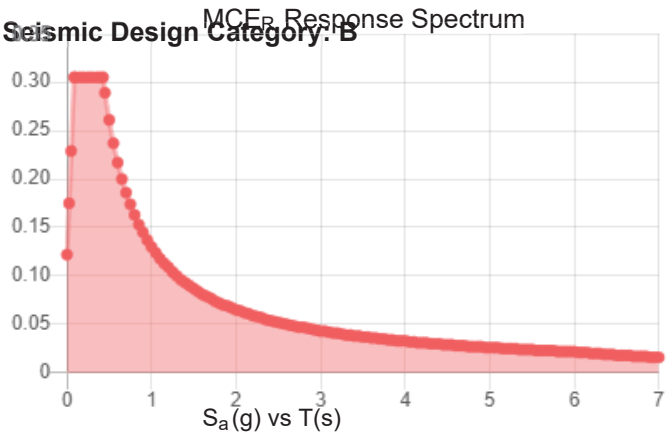
Seismic

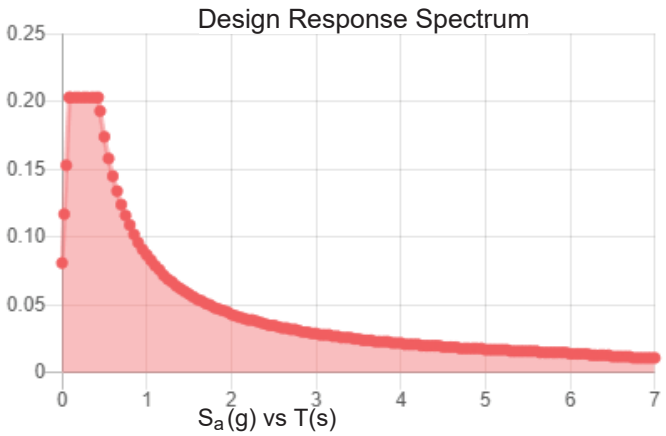
Site Soil Class: D - Default (see Section 11.4.3)

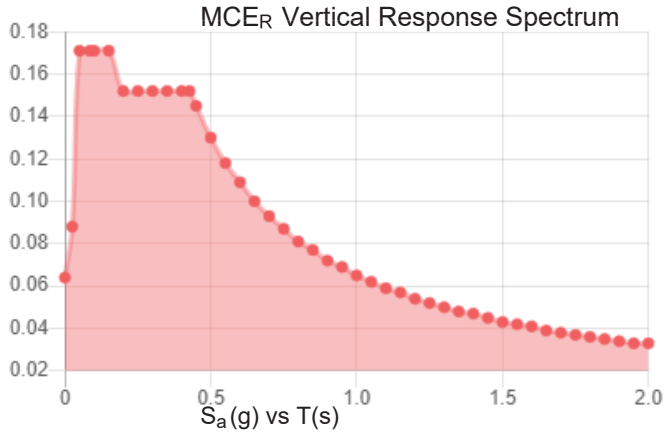
Results:

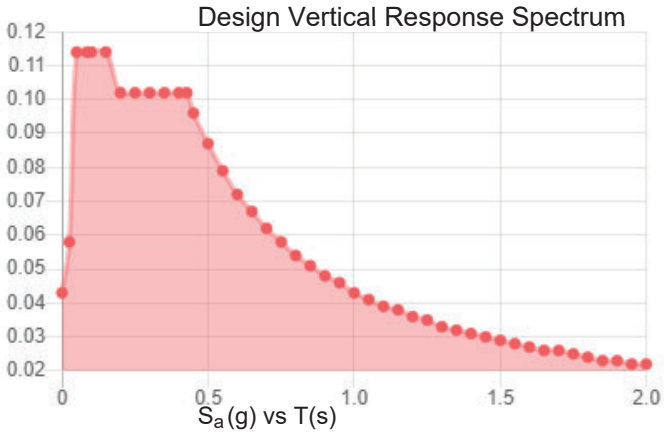
S_S :	0.191	S_{D1} :	0.087
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.105
F_v :	2.4	PGA_M :	0.166
S_{MS} :	0.305	F_{PGA} :	1.591
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.203	C_v :	0.7

Seismic Design Category: B









Data Accessed: Thu Jan 18 2024

Date Source:

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Thu Jan 18 2024

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

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

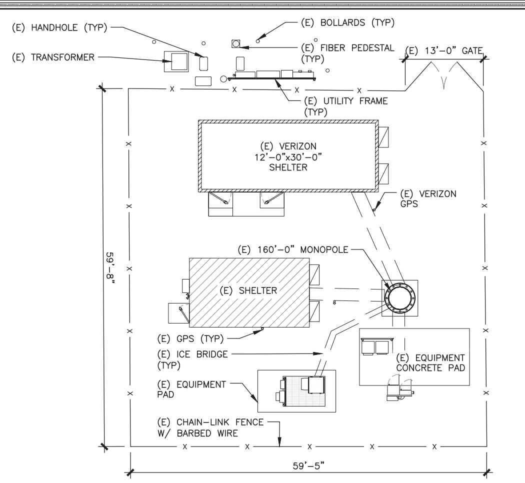
NOTE:
AN ANALYSIS OF THE CAPACITY OF THE STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY CROWN CASTLE DATED JANUARY 19, 2024.

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

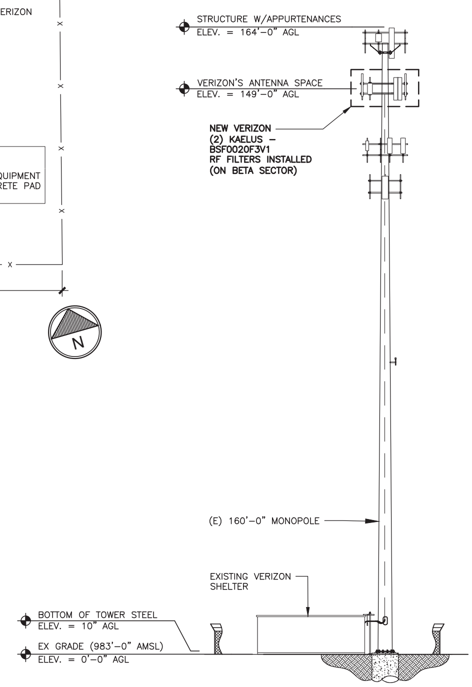
LOCATION MAP
N.T.S

APPROXIMATE COORDINATES:	LATITUDE:	41° 37' 54.93" N	41.631925° N
	LONGITUDE:	73° 22' 2.82" W	73.367450° W

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



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



3 TOWER ELEVATION
SCALE: N.T.S

verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

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

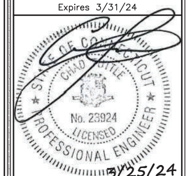
NEW MILFORD E CT
399 CHESTNUT LAND RD.
NEW MILFORD, CT 06776
EXISTING MONOPOLE

PROJECT NO:	155998.004.01
CHECKED BY:	LR

ISSUED FOR:

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

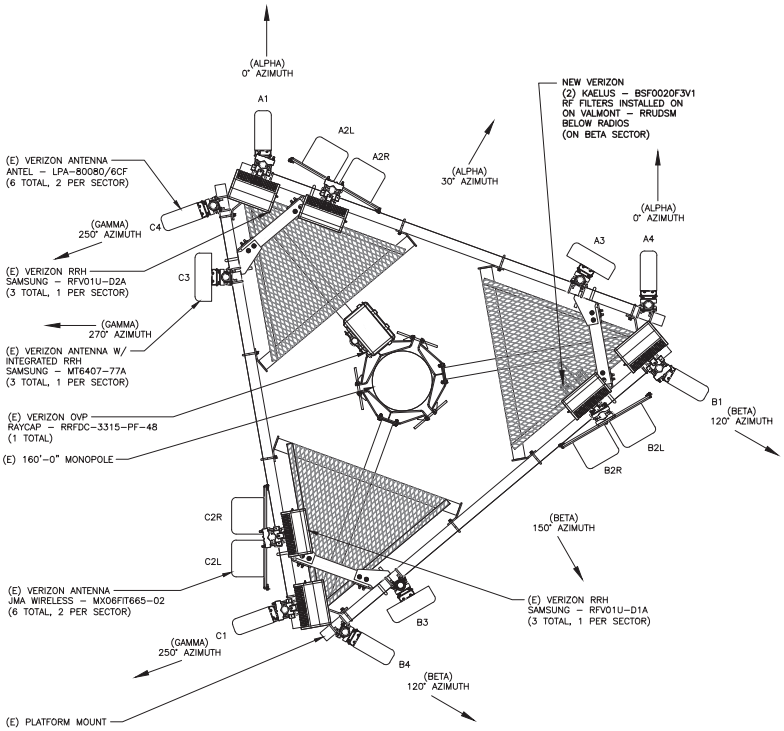
MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:	REVISION:
LE-1	0

155998.004.01.0001_876397_NEW MILFORD KIMBERLY.dwg — Sheet:LE-1 — User: lisa.rider — Mar 25, 2024 — 1:13pm

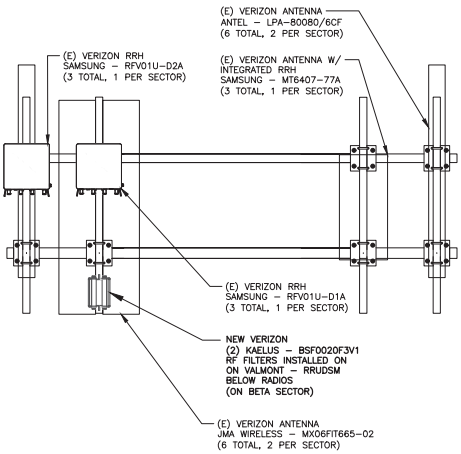


NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

1 NEW RF FILTER PLAN

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



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

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

N

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

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NEW MILFORD E CT

399 CHESTNUT LAND RD.
NEW MILFORD, CT 06776

EXISTING MONOPOLE

PROJECT NO:	155998.004.01
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ISSUED FOR:

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

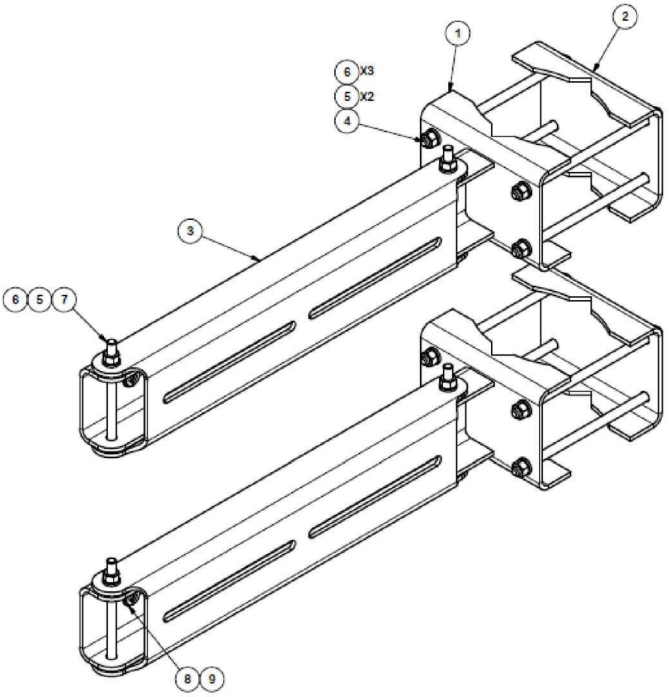
MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

STATE OF CONNECTICUT
GINO M. PITTELLA
No. 23924
LICENSED
PROFESSIONAL ENGINEER

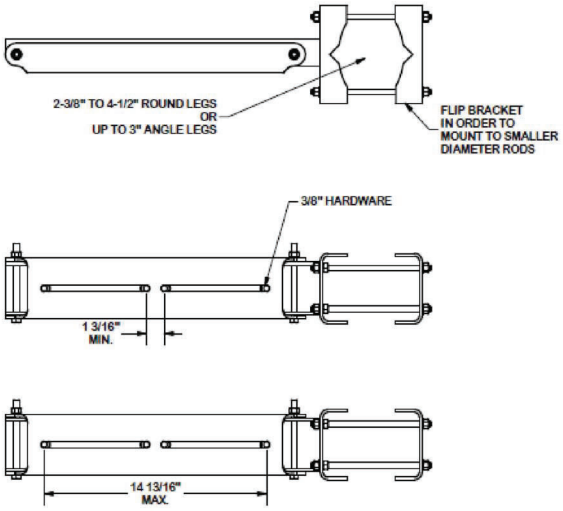
3/25/24

SHEET NUMBER: LE-2

REVISION: 0



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



TOLERANCE NOTES

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

DESCRIPTION: RRU DUAL SWIVEL MOUNT

SITE PRO 1 — A valmont COMPANY

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

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

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

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

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

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

2949898

SIX HUNDRED TWENTY FIVE AND 00/100***

DATE 04/01/24

$*******625.00

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

2695915

VP and Controller

Asst. Controller

VOID AFTER 180 DAYS

⑈2949898⑈ ⑆111000614⑆ 103410453⑈

Check No 2949898
Check Date 04/01/24

Stub 1 of 1

CKRQ 654592 ZN APP	03/27/24	Invoice Summ	625.00	625.00
			625.00	625.00