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**
Crown #5800059
258 Ridge Road, Madison, CT 06433
Latitude: 41° 18′ 33.30″ / Longitude: -72° 36′ 51.57″

Dear Ms. Bachman:

Verizon Wireless currently maintains fifteen (15) antennas at the 130-foot mount on the existing 150-foot monopole tower located at 258 Ridge Road, Madison, CT. The property is owned by the Town of Madison and the tower is owned by Crown Castle. Verizon now intends to add two (2) interference mitigation filters at the 130-foot level. This modification/proposal includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modification:

Tower:

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

The facility was approved by the Connecticut Siting Council, Docket No. 363, on October 30, 2008. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to First Selectwoman Peggy Lyons on behalf of the municipality and the property owner and to Erin Mannix, Town Planner. Crown Castle is the tower owner.

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

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

3. The proposed modification will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.

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

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

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

Sincerely,

Jeff Barbadora

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

Attachments
cc:

First Selectwoman Peggy Lyons (as municipality & property owner)
Town of Madison
8 Campus Drive
Madison, CT 06443
203-245-5602

Erin Mannix, Town Planner
Town of Madison
8 Campus Drive
Madison, CT 06443
203-245-5631

Crown Castle, Tower Owner

DOCKET NO. 363 – Crown Communications Inc. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located at 258 Ridge Road, Madison, Connecticut.	}	Connecticut
	}	Siting
	}	Council

October 30, 2008

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 Crown Communications Inc., hereinafter referred to as the Certificate Holder, for a telecommunications facility at 258 Ridge Road, Madison, 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 Omnipoint Communications, Inc. and other entities, both public and private, but such tower shall not exceed a height of 150 feet above ground level. The tower and compound shall be moved approximately 50 feet to the north to avoid tree clearing.

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 served on the Town of Madison for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
    a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping; and
    b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of the 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 the electromagnetic radio frequency power density be 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. The Certificate Holder shall provide reasonable space on the tower for no compensation for any Town of Madison public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

7. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), 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. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.

8. Any request for extension of the time period referred to in Condition 7 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Madison. Any proposed modifications to this Decision and Order shall likewise be so served.

9. If the facility 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.

10. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.

11. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction and the commencement of site operation.

Pursuant to General Statutes § 16-50p, the Council hereby directs 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 *New Haven Register* and *The Source.*

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	**Its Representative**
Crown Communications, Inc.	Christopher B. Fisher, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, NY 10601
Intervenor	**Its Representative**
Omnipoint Communications, Inc.	Julie Kohler, Esq. Jesse Langer, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604

258 RIDGE RD

Location	258 RIDGE RD	**MBLU**	78/ / 3/ /
Unique ID#	00453700	**Owner**	TOWN OF MADISON
Assessment	$134,700	**Appraisal**	$192,400
PID	4717	**Building Count**	1
Dev. Map	2543, 3138		

Current Value

Appraisal					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2023	$0	$0	$0	$192,400	$192,400
Assessment					
Valuation Year	**Building**	**Extra Features**	**Outbuildings**	**Land**	**Total**
2023	$0	$0	$0	$134,700	$134,700

Owner of Record

Owner	TOWN OF MADISON	**Sale Price**	$100,000
Co-Owner		**Book & Page**	0660/0162
Care Of		**Sale Date**	06/16/1995

Ownership History

Ownership History			
Owner	**Sale Price**	**Book & Page**	**Sale Date**
TOWN OF MADISON	$100,000	0660/0162	06/16/1995

Building Information

Building 1 : Section 1

Year Built:

Living Area: 0

Building Attributes	
Field	**Description**
Style:	Vacant Land

Model	
Grade:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Bath Style:	
Kitchen Style:	
Fireplace(s)	
Xtra FPL Open	

Building Photo

(https://images.vgsi.com/photos/MadisonCTPhotos//\01\01\64\24.jpg)

Building Layout

(ParcelSketch.ashx?pid=4717&bid=4717)

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

Extra Features

Extra Features
No Data for Extra Features

Land

Land Use

Use Code 9035
Description Municipal Town
Zone RU-1

Land Line Valuation

Size (Acres) 3

Outbuildings

Outbuildings
No Data for Outbuildings

258 Ridge Road

Madison, CT

1 inch = 142 Feet

0 142 284 426

April 4, 2024

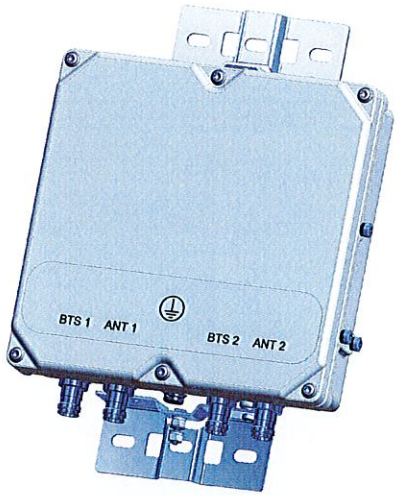
CAI Technologies
Precision Mapping. Geospatial Solutions.
www.cai-tech.com

Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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



FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

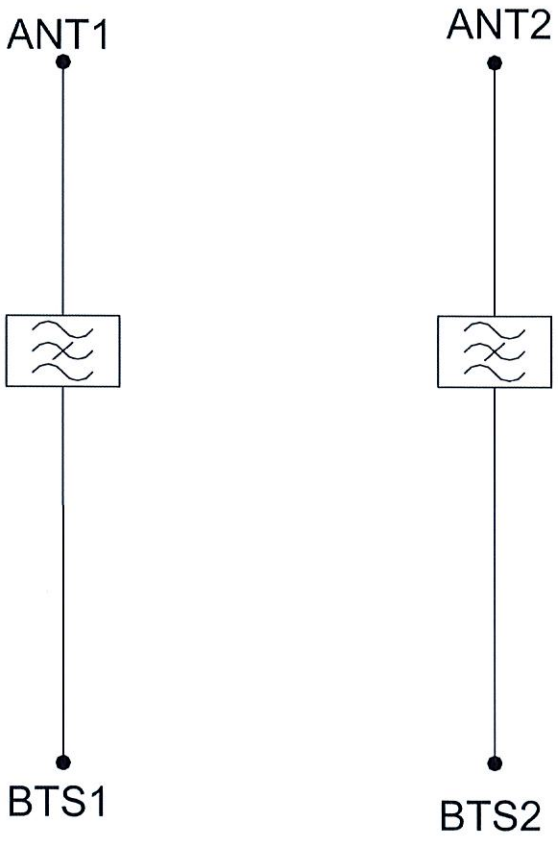
MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter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

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

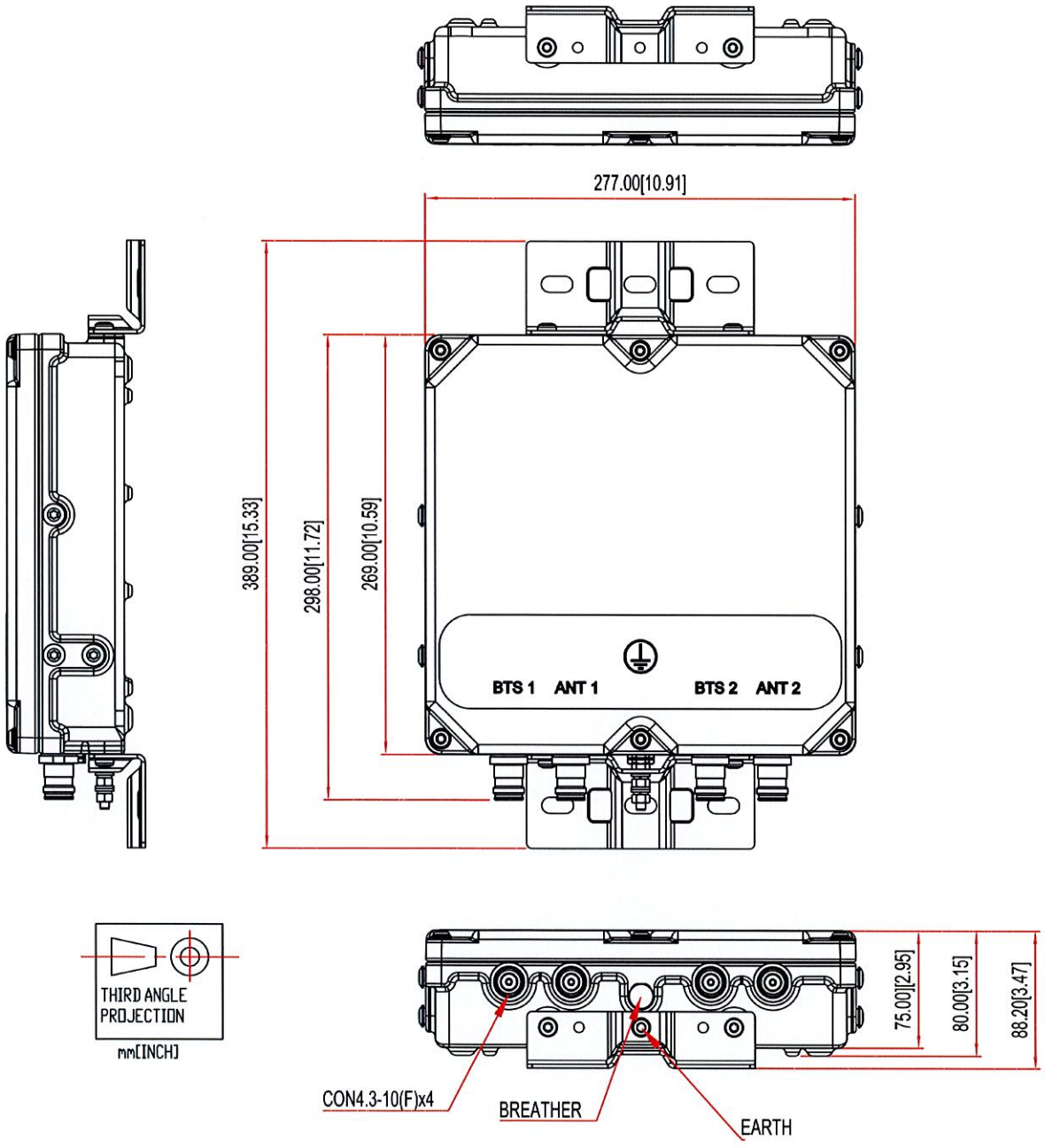
ORDERING INFORMATION

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

ELECTRICAL BLOCK DIAGRAM



MECHANICAL BLOCK DIAGRAM



Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Friday, April 5, 2024 11:20 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775826514021: Your package has been delivered

FedEx

Hi. Your package was delivered Fri, 04/05/2024 at 11:12am.

Delivered to 8 CAMPUS DR, MADISON, CT 06443
Received by A.ANNIE

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775826514021
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Madison Peggy Lyons, First Selectwoman 8 Campus Drive MADISON, CT, US, 06443
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	MADISON, CT, US, 06443
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 11:20 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775826533851: Your package has been delivered

Hi. Your package was delivered Fri, 04/05/2024 at 11:12am.

Delivered to 8 CAMPUS DR, MADISON, CT 06443
Received by A.ANNIE

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775826533851
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Madison Erin Mannix, Town Planner 8 Campus Drive MADISON, CT, US, 06443
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	MADISON, CT, US, 06443
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	1.00 LB
SERVICE TYPE	FedEx Standard Overnight

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10209643
Colliers Engineering & Design CT, P.C. Project #: 23777278

September 12, 2023

Site Information	*Site ID:*	*5000392974-VZW / MADISON 3 CT*
	Site Name:	*MADISON 3 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*252 Ridge Rd* *Madison, Connecticut 06433* *New Haven County*
	Latitude:	*41.309250°*
	Longitude:	*-72.614325°*
Structure Information	*Tower Type:*	*150-Ft Monopole*
	Mount Type:	*14.00-Ft Platform*

FUZE ID # 17136809

Analysis Results

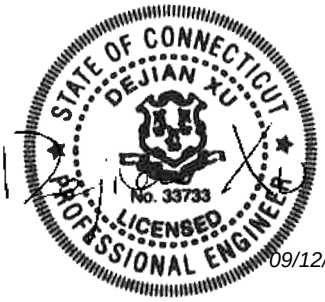
Platform: **46.6% Pass***

***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: Gianna Argentina



09/12/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	Verizon RFDS Site ID: 650040, dated July 16, 2021
Mount Mapping Report	Hudson Design Group, LLC Site ID: 468184, dated June 15, 2020
Previous Mount Fix	Maser Consulting Connecticut Project #: 21781064A, dated October 28, 2021
Filter Add Guidance	Provided by Verizon Wireless

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H Connecticut State Building Code, Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	125 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.995
Seismic Parameters:	S_S:	0.206 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
129.00	130.00	6	Andrew	DB846F65ZAXY	Retained
		6	Andrew	SBNHH-1D65B	
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		1	Raycap	RVZDC-6627-PF-48	
		2	KAelus	KA-6030	Added

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	20.5 %	Pass
Standoff Horizontal	42.7 %	Pass
Platform Crossmember	26.1 %	Pass
Corner Plate	10.2 %	Pass
Grating Support	15.2 %	Pass
Cross Arm Plate	43.2 %	Pass
Mount Pipe	35.6 %	Pass
Support Rail Corner	25.2 %	Pass
Mount Connection	46.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**46.6%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	28.6	28.6	41.4	41.4
0.5	36.6	36.6	54.8	54.8
1	44.0	44.0	67.6	67.6

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 sectors.
- Ka factors included in (EPA)a calculations

Requirements:

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

Contractor to confirm the modifications from the previous Mount Fix Report listed under the Sources of Information Table have been installed prior to installation of this equipment. If the modifications have not been installed please contact the EOR. Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

If required, ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other. Separate review fees will apply.

Attachments:

1. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Photos
4. Mount Mapping Report (for reference only)
5. Analysis Calculations

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com.

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

---

MDG #: 5000392974 SMART Project #: 10209643 Fuze Project ID: 17136809

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Contractor to confirm the modifications from the previous Mount Fix Report listed under the Sources of Information Table have been installed prior to installation of this equipment. If the modifications have not been installed please contact the EOR. Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

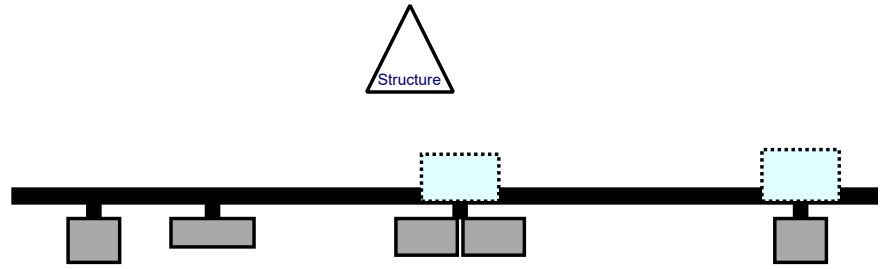
Structure: 000392974-VZW - MADISON 3 CT

Sector: **A** 9/12/2023

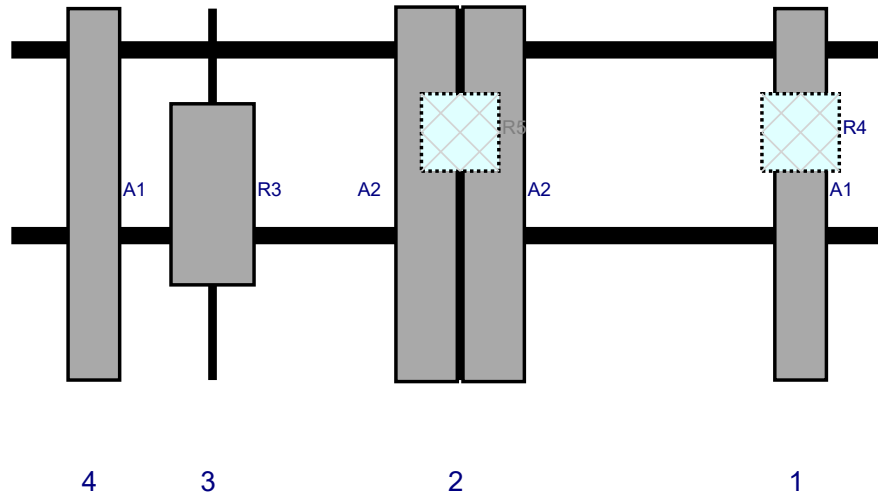
Structure Type: Monopole 10209643

Mount Elev: 129.00 Page: 1

Plan View

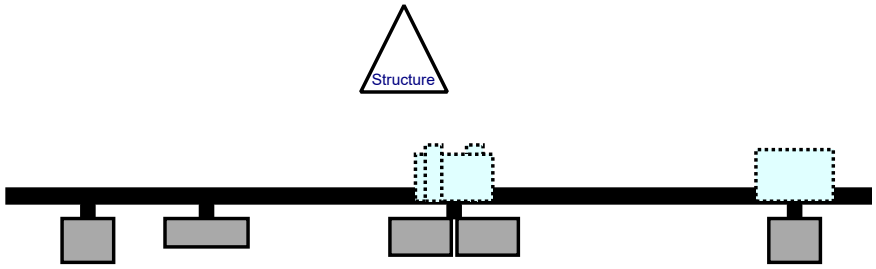


Front View - Looking at Structure

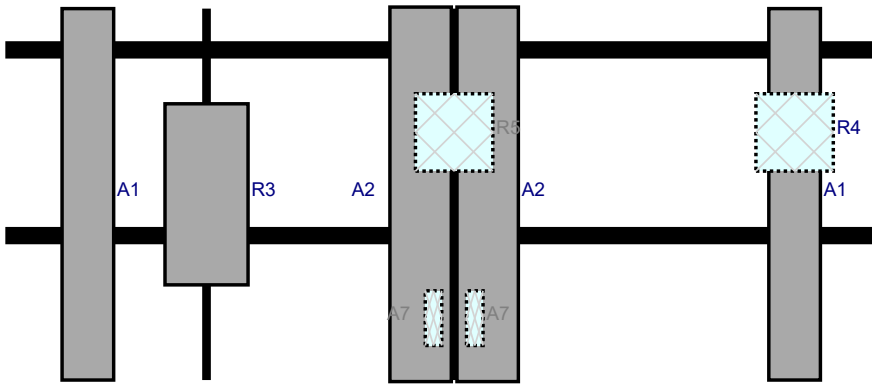


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	DB846F65ZAXY	72	10	153	1	a	Front	36	0	Retained	06/15/2021
R4	RF4439d-25A	15	15	153	1	a	Behind	24	0	Retained	
A2	SBNHH-1D65B	72.6	11.9	87	2	a	Front	36	6.5	Retained	06/15/2021
A2	SBNHH-1D65B	72.6	11.9	87	2	b	Front	36	-6.5	Retained	06/15/2021
R5	RF4440d-13A	15	15	87	2	a	Behind	24	0	Retained	
R3	MT6407-77A	35.1	16.1	39	3	a	Front	36	0	Retained	
A1	DB846F65ZAXY	72	10	16	4	a	Front	36	0	Retained	06/15/2021
OVP	RVZDC-6627-PF-48	29.5	16.5		Member					Retained	

Plan View

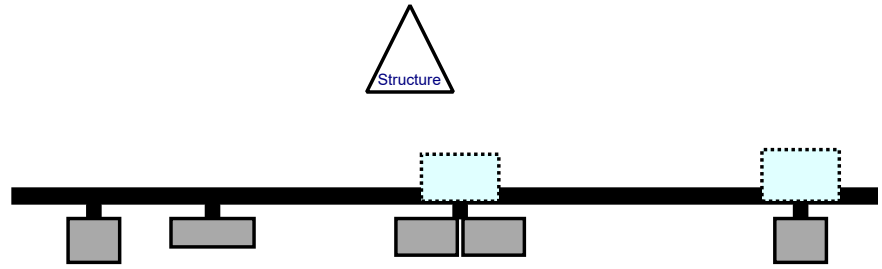


Front View - Looking at Structure

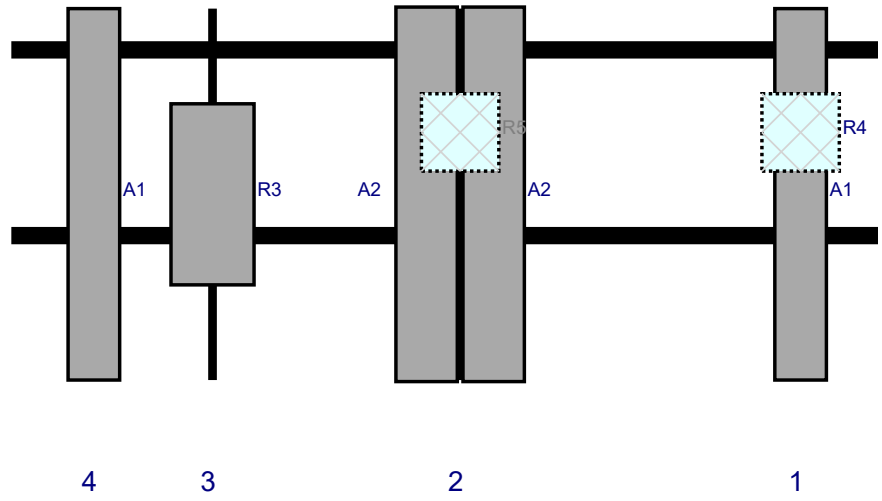


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	DB846F65ZAXY	72	10	153	1	a	Front	36	0	Retained	06/15/2021
R4	RF4439d-25A	15	15	153	1	a	Behind	24	0	Retained	
A2	SBNHH-1D65B	72.6	11.9	87	2	a	Front	36	6.5	Retained	06/15/2021
A2	SBNHH-1D65B	72.6	11.9	87	2	b	Front	36	-6.5	Retained	06/15/2021
R5	RF4440d-13A	15	15	87	2	a	Behind	24	0	Retained	
A7	KA-6030	10.6	3.2	87	2	a	Behind	60	-4	Added	
A7	KA-6030	10.6	3.2	87	2	b	Behind	60	4	Added	
R3	MT6407-77A	35.1	16.1	39	3	a	Front	36	0	Retained	
A1	DB846F65ZAXY	72	10	16	4	a	Front	36	0	Retained	06/15/2021

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	DB846F65ZAXY	72	10	153	1	a	Front	36	0	Retained	06/15/2021
R4	RF4439d-25A	15	15	153	1	a	Behind	24	0	Retained	
A2	SBNHH-1D65B	72.6	11.9	87	2	a	Front	36	6.5	Retained	06/15/2021
A2	SBNHH-1D65B	72.6	11.9	87	2	b	Front	36	-6.5	Retained	06/15/2021
R5	RF4440d-13A	15	15	87	2	a	Behind	24	0	Retained	
R3	MT6407-77A	35.1	16.1	39	3	a	Front	36	0	Retained	
A1	DB846F65ZAXY	72	10	16	4	a	Front	36	0	Retained	06/15/2021

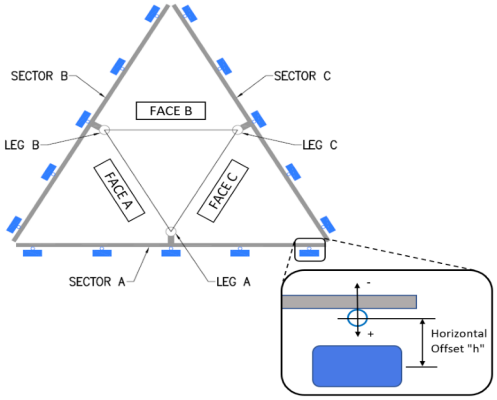
V4.0 Updated on 3-31-2021

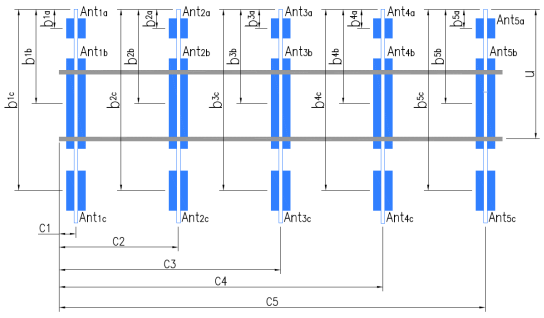
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	6/15/2021
Site Name:	MADISON 3 CT	**Tower Type:**	Monopole
Site Number or ID:	468184	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	128.2

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





Antenna Layout (Looking Out From Tower)

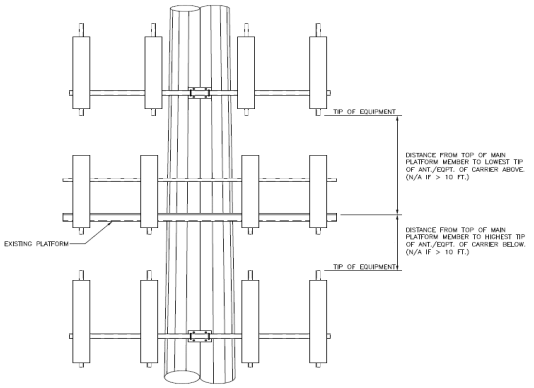
Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 72" LONG	44.00	15.00	C1	2" STD. PIPE X 72" LONG	44.00	15.00
A2	2" STD. PIPE X 72" LONG	44.00	81.00	C2	2" STD. PIPE X 72" LONG	44.00	81.00
A3	2" STD. PIPE X 72" LONG	44.00	129.00	C3	2" STD. PIPE X 72" LONG	44.00	129.00
A4	2" STD. PIPE X 72" LONG	44.00	153.00	C4	2" STD. PIPE X 72" LONG	44.00	153.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 72" LONG	44.00	15.00	D1			
B2	2" STD. PIPE X 72" LONG	44.00	81.00	D2			
B3	2" STD. PIPE X 72" LONG	44.00	129.00	D3			
B4	2" STD. PIPE X 72" LONG	44.00	153.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							7.83
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							5.66
Please enter additional infomation or comments below.							
MONOPOLE WALL THICKNESS: .265"							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				34
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.							0.44

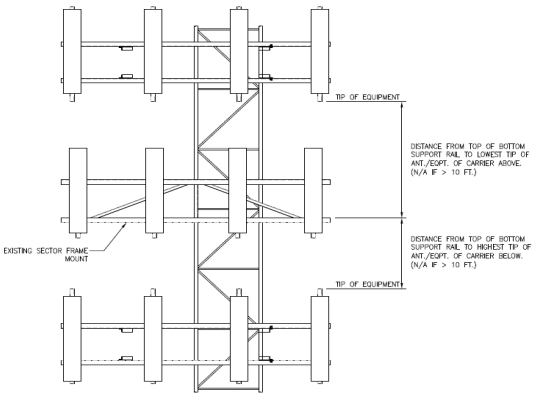
	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	15.00	21,124
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	15.00	23,127
Ant_{2c}										
Ant_{3a}	B4 RRH2X60-4R	11.00	6.00	36.00		130.7	14.00	-7.00		147,148
Ant_{3b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	15.00	24,127
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		130.075	21.50	-7.00		128,139
Ant_{4b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	15.00	24,125
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:	15.00	Deg	Leg A:		Deg
Sector B:	135.00	Deg	Leg B:		Deg
Sector C:	255.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

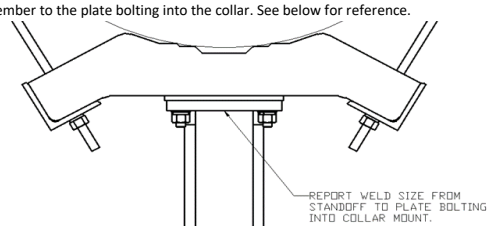
Climbing Facility Information		
Location:	180.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Missing safety cable.

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	10.00	8.00	72.00		128.867	36.00	9.00	120.00	31,124
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	120.00	33,127
Ant_{2c}										
Ant_{3a}	B4 RRH2X60-4R	11.00	6.00	36.00		130.7	14.00	-7.00		140,148
Ant_{3b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	120.00	33,127
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		130.075	21.50	-7.00		128,141
Ant_{4b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	120.00	34,125
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	10.00	8.00	72.00		128.867	36.00	9.00	270.00	41,124
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	270.00	44,127
Ant_{2c}										
Ant_{3a}	B4 RRH2X60-4R	11.00	6.00	36.00		130.7	14.00	-7.00		145,148
Ant_{3b}	SBNHH-1D65B	12.00	8.00	74.00		127.783	49.00	11.00	270.00	43,127
Ant_{3c}										
Ant_{4a}	B13 RRH4X30	12.00	8.00	21.00		130.075	21.50	-7.00		128,145
Ant_{4b}	UNKNOWN	10.00	8.00	72.00		128.867	36.00	9.00	270.00	43,125
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	NO CLIMB CABLE PRESENT, REPLACED WITH STEP BOLT ANCHOR BRACKETS	28
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.

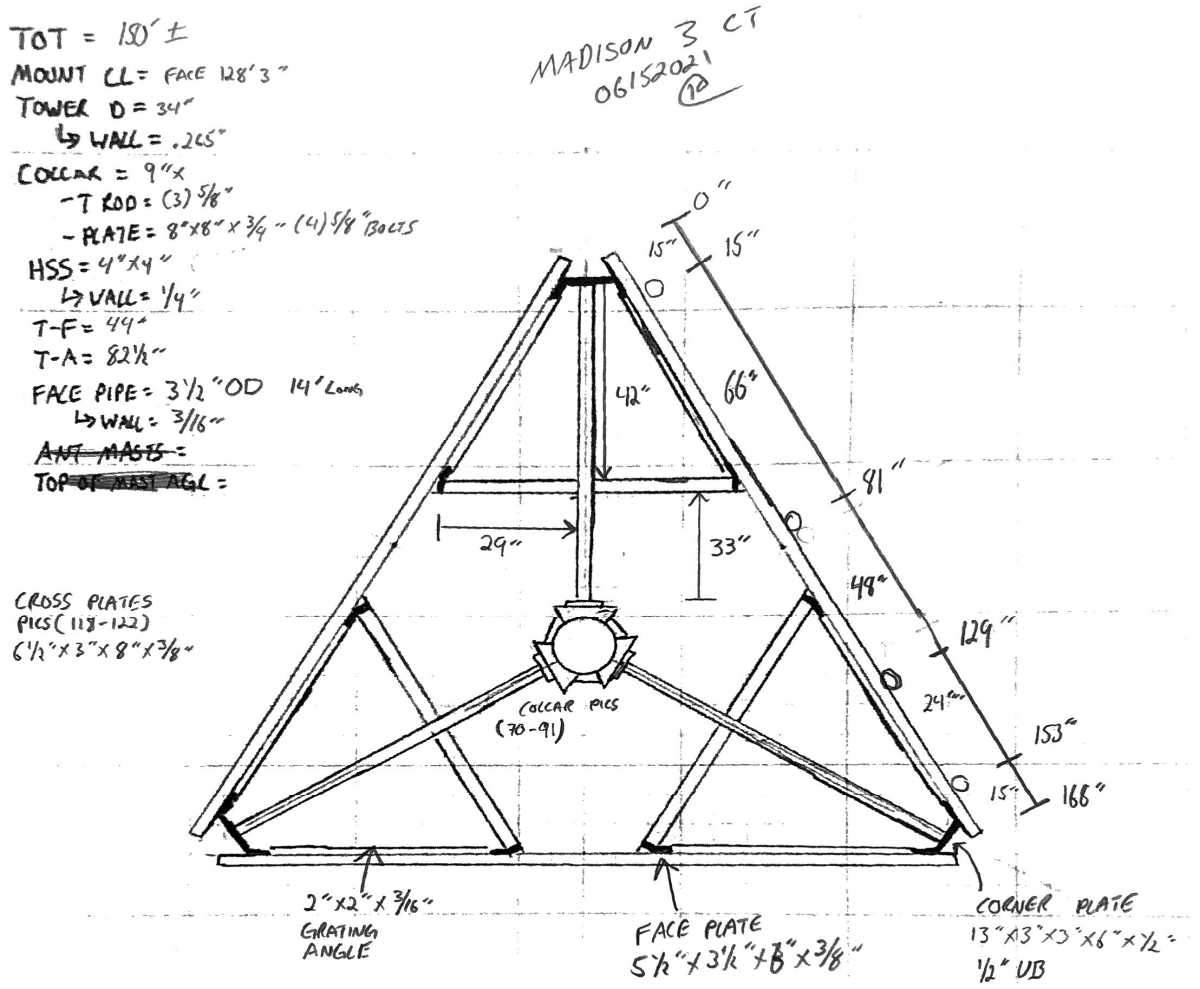
V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

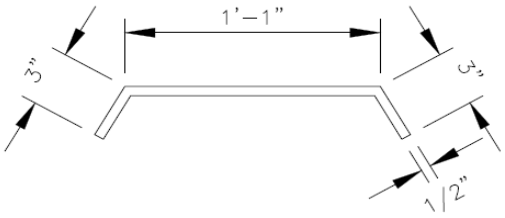
FCC #

Tower Owner:	CROWN CASTLE	**Mapping Date:**	6/15/2021
Site Name:	MADISON 3 CT	**Tower Type:**	Monopole
Site Number or ID:	468184	**Tower Height (Ft.):**	150
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	128.2

Please Insert Sketches of the Antenna Mount

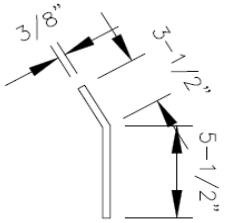


Please Insert Sketches of the Antenna Mount, cont'd



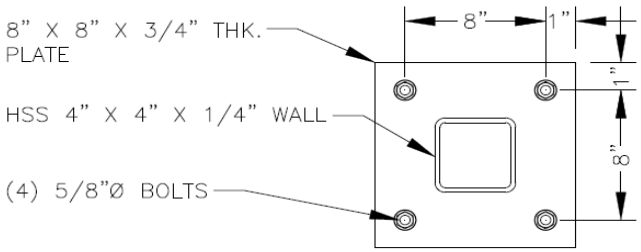
DETAIL J

APEX "A" PLATE DETAIL

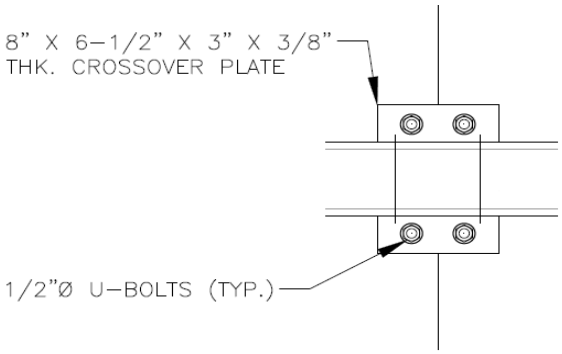


DETAIL K

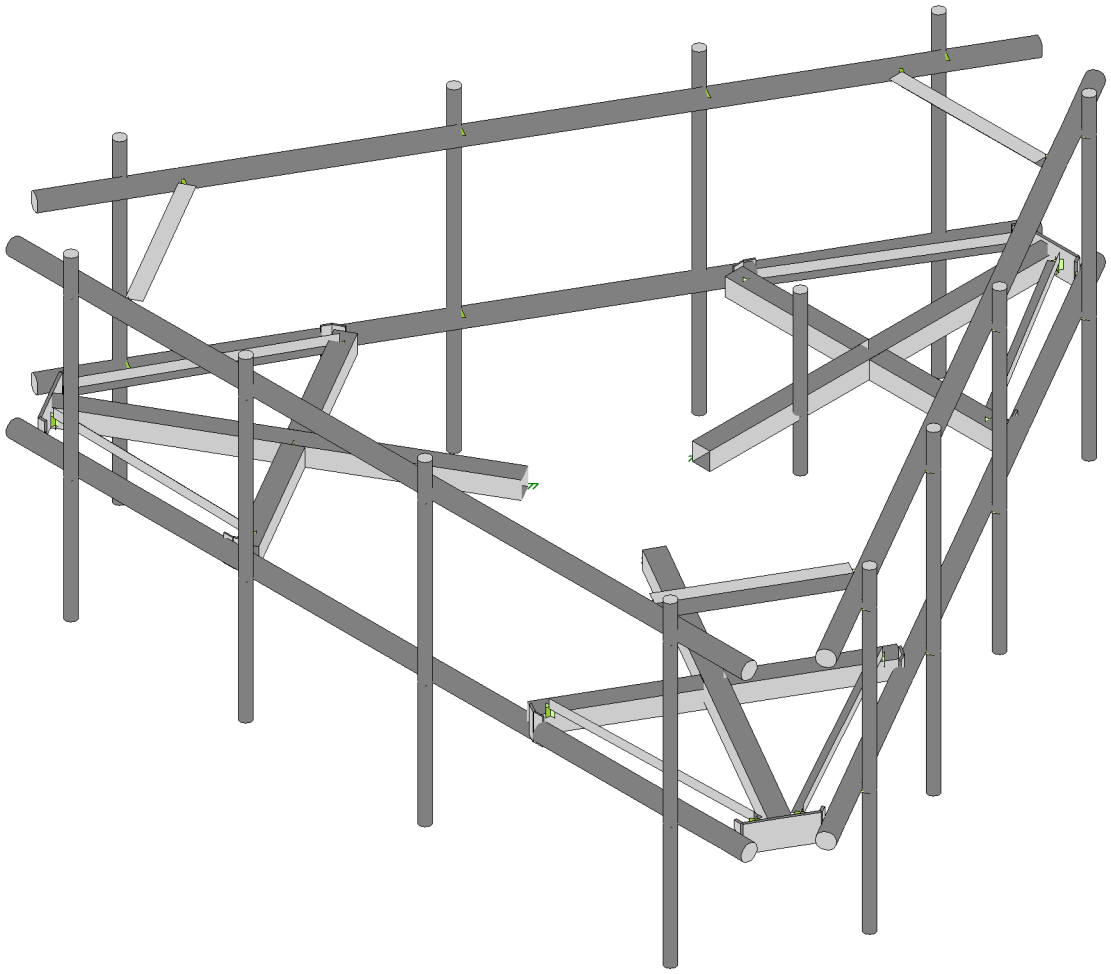
"B" PLATE DETAIL



STANDOFF TO RING MOUNT CONNECTION

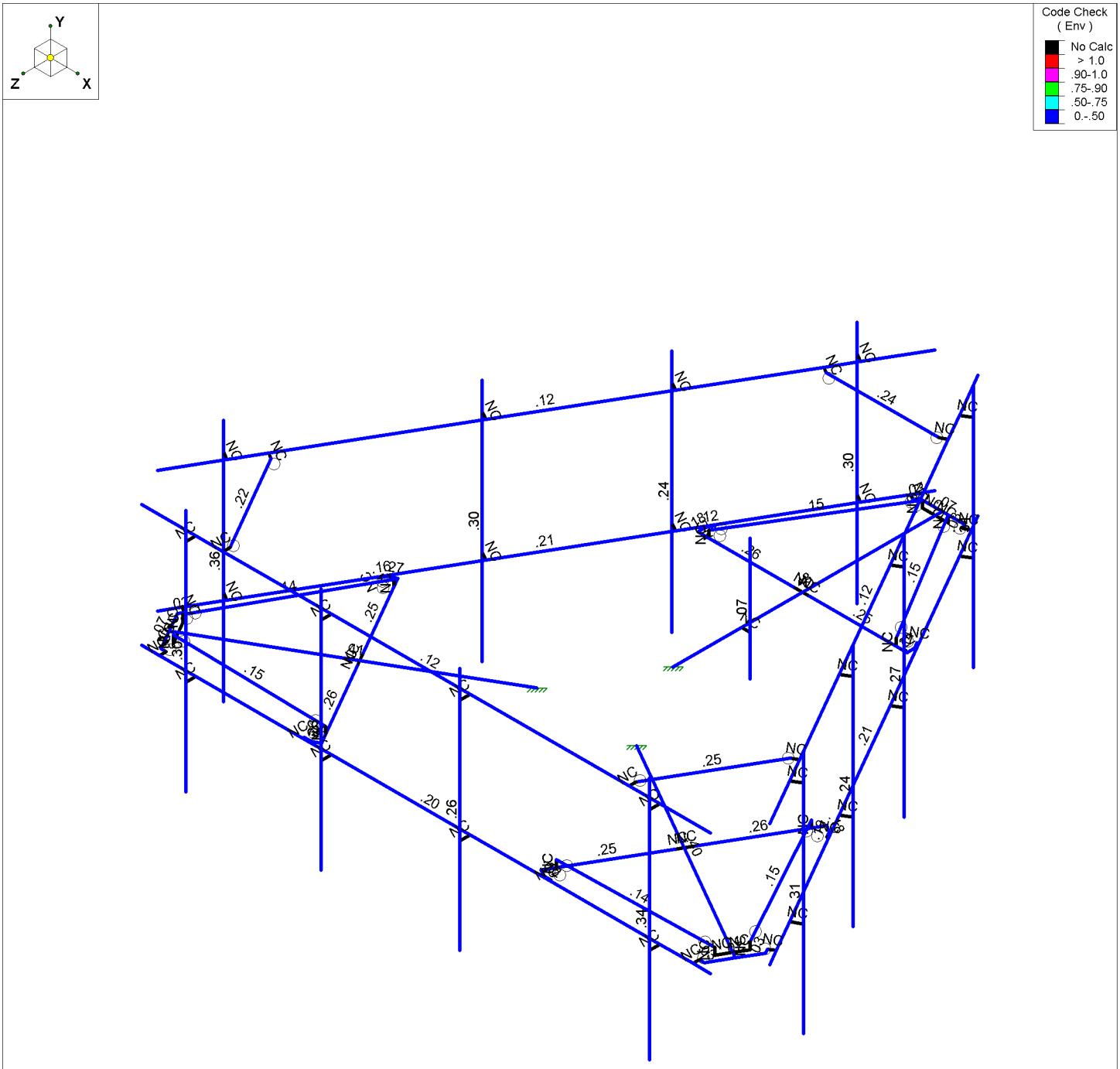


CROSSOVER PLATE DETAIL



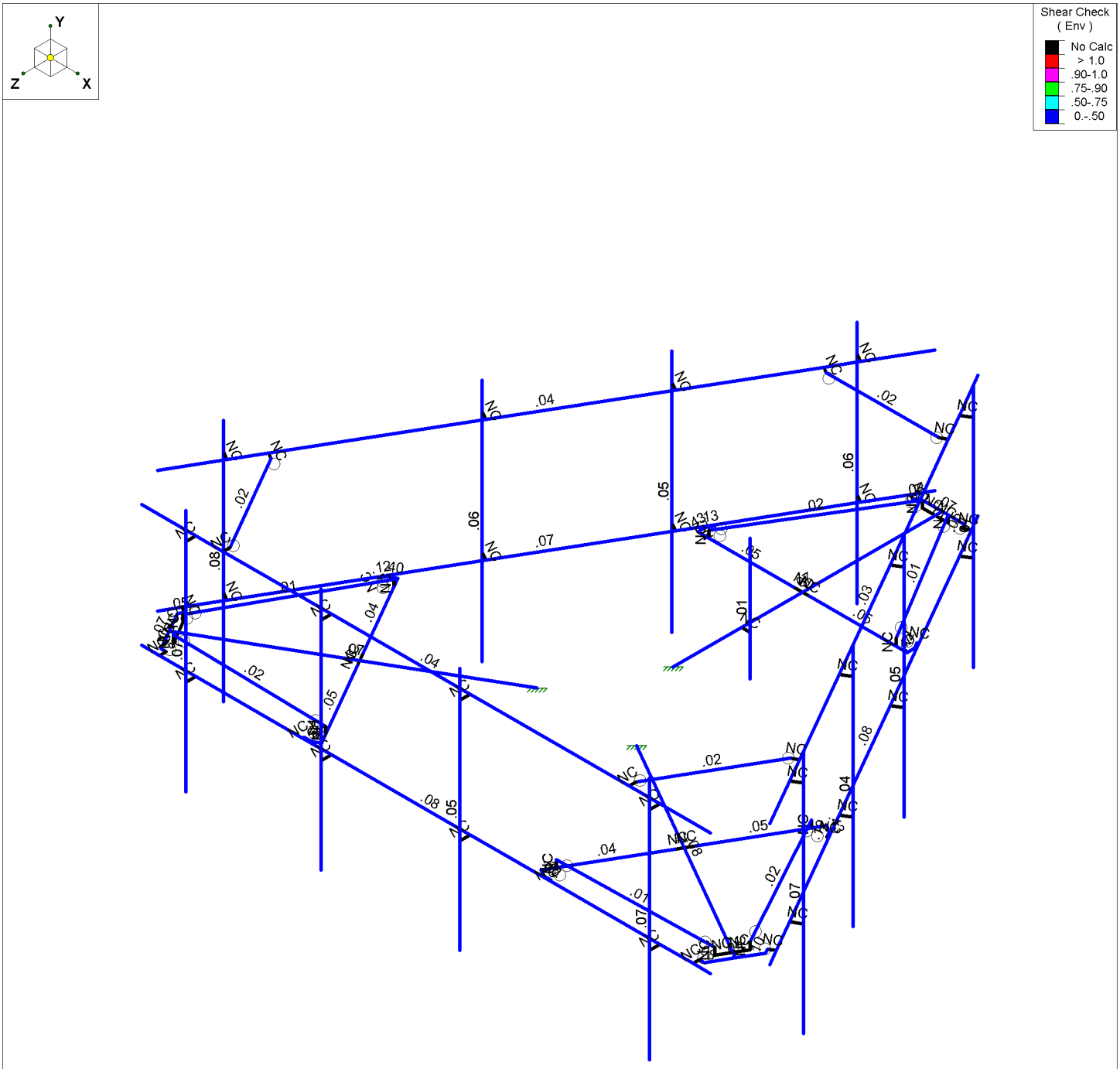
Envelope Only Solution

		SK - 2
		Sept 12, 2023 at 12:00 PM
		5000392974-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Sept 12, 2023 at 12:00 PM
		5000392974-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 4
		Sept 12, 2023 at 12:00 PM
		5000392974-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 De...	None					117			
32	Antenna Wm (150 De...	None					117			
33	Antenna Wm (180 De...	None					117			
34	Antenna Wm (210 De...	None					117			
35	Antenna Wm (240 De...	None					117			
36	Antenna Wm (270 De...	None					117			
37	Antenna Wm (300 De...	None					117			
38	Antenna Wm (330 De...	None					117			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
42	Structure Wo (30 Deg)	None						116		
43	Structure Wo (60 Deg)	None						116		
44	Structure Wo (90 Deg)	None						116		
45	Structure Wo (120 D...	None						116		
46	Structure Wo (150 D...	None						116		
47	Structure Wo (180 D...	None						116		
48	Structure Wo (210 D...	None						116		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
49	Structure Wo (240 D...	None						116		
50	Structure Wo (270 D...	None						116		
51	Structure Wo (300 D...	None						116		
52	Structure Wo (330 D...	None						116		
53	Structure Wi (0 Deg)	None						116		
54	Structure Wi (30 Deg)	None						116		
55	Structure Wi (60 Deg)	None						116		
56	Structure Wi (90 Deg)	None						116		
57	Structure Wi (120 De...	None						116		
58	Structure Wi (150 De...	None						116		
59	Structure Wi (180 De...	None						116		
60	Structure Wi (210 De...	None						116		
61	Structure Wi (240 De...	None						116		
62	Structure Wi (270 De...	None						116		
63	Structure Wi (300 De...	None						116		
64	Structure Wi (330 De...	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 D...	None						116		
67	Structure Wm (60 D...	None						116		
68	Structure Wm (90 D...	None						116		
69	Structure Wm (120 ...	None						116		
70	Structure Wm (150 ...	None						116		
71	Structure Wm (180 ...	None						116		
72	Structure Wm (210 ...	None						116		
73	Structure Wm (240 ...	None						116		
74	Structure Wm (270 ...	None						116		
75	Structure Wm (300 ...	None						116		
76	Structure Wm (330 ...	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					117			
82	Antenna Eh (0 Deg)	None					78			
83	Antenna Eh (90 Deg)	None					78			
84	Structure Ev	ELY		-.044					3	
85	Structure Eh (0 Deg)	ELZ			-.11				3	
86	Structure Eh (90 Deg)	ELX	.11						3	
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						30		
89	BLC 84 Transient Are...	None						30		
90	BLC 85 Transient Are...	None						30		
91	BLC 86 Transient Are...	None						30		

Load Combinations

	Description	SolveP...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
1	1.2D+1.0...	Yes	Y	1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0...	Yes	Y	1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0...	Yes	Y	1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0...	Yes	Y	1	1.2	39	1.2	6	1	44	1														

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												
27	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1												
28	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1												
29	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1												
30	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1												
31	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1												
32	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1												
33	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1												
34	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1												
35	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1												
36	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1												
37	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1												
38	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1												
39	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1												
40	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1												
41	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1												
42	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1												
43	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1												
44	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1												
45	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1												
46	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1												
47	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1												
48	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1												
49	1.2D + 1.5...	Yes	Y		1	1.2	39	1.2	79	1.5																
50	1.2D + 1.5...	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 + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX							
53	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5						
54	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866						
55	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1						
56	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866						

Load Combinations (Continued)

	Description	Solve	P...	SR...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...	BLC	Fact...
57	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1.0...	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N36	-6.999996	0	4.658016	0	
3	N53A	6.999996	0	4.658016	0	
4	N112A	0.	0	-1.416664	0	
5	N113A	-0.	0	-4.607031	0	
6	N114	-0.	0	-8.041747	0	
7	N115	-2.572908	0	-4.607034	0	
8	N116A	2.299372	0.166667	-4.607034	0	
9	N117	-2.299368	0.166667	-4.607034	0	
10	N119	2.299372	0	-4.607034	0	
11	N120B	-2.299368	0	-4.607034	0	
12	N121	0.316678	0.166667	-7.874488	0	
13	N122	-0.315987	0.166667	-7.875678	0	
14	N123	0.317021	0	-7.875084	0	
15	N124A	-0.31633	0	-7.875084	0	
16	N125	2.572911	0	-4.607034	0	
17	N126	-0.166665	0	-4.607034	0	
18	N127	0.166669	0	-4.607034	0	
19	N128	0.546877	0	-8.04175	0	
20	N129	-0.546873	0	-8.04175	0	
21	N130	-2.572908	0	-4.794534	0	
22	N131	2.572911	0	-4.794534	0	
23	N132	-2.489574	0	-4.938872	0	
24	N133	-2.517759	0	-4.955144	0	
25	N134	-0.609373	0	-7.933497	0	
26	N135	-0.750998	0	-8.015264	0	
27	N136	2.489578	0	-4.938872	0	
28	N137	2.517763	0	-4.955144	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
29	N138	0.609377	0	-7.933497	0	
30	N139	0.751002	0	-8.015264	0	
31	N95	5.749996	0	4.658016	0	
32	N97	1.083329	0	4.658016	0	
33	N99A	-2.333337	0	4.658016	0	
34	N101A	-5.66667	0	4.658016	0	
35	N103A	5.749996	0	4.908016	0	
36	N105A	1.083329	0	4.908016	0	
37	N107A	-2.333337	0	4.908016	0	
38	N109A	-5.66667	0	4.908016	0	
39	N111A	5.749996	3.666667	4.908016	0	
40	N112B	1.083329	3.666667	4.908016	0	
41	N113B	-2.333337	3.666667	4.908016	0	
42	N114A	-5.66667	3.666667	4.908016	0	
43	N115A	5.749996	-2.333333	4.908016	0	
44	N116B	1.083329	-2.333333	4.908016	0	
45	N117A	-2.333337	-2.333333	4.908016	0	
46	N118	-5.66667	-2.333333	4.908016	0	
47	N167	-0.	0	-3.107031	0	
48	N168	0.208333	2	-3.107031	0	
49	N169	0.208333	-1	-3.107031	0	
50	N170	0.208333	0	-3.107031	0	
51	N155A	0.	0	-7.875084	0	
52	N52	7.533958	0	3.733167	0	
53	N53	0.533962	0	-8.391182	0	
54	N54	-1.226867	0	0.708332	0	
55	N55	-3.989806	0	2.303515	0	
56	N56	-6.964357	0	4.020873	0	
57	N57	-2.703355	0	4.53172	0	
58	N58	-5.139494	0.166667	0.312203	0	
59	N59	-2.840125	0.166667	4.294828	0	
60	N60	-5.139494	0	0.312203	0	
61	N61	-2.840125	0	4.294828	0	
62	N62	-6.977846	0.166667	3.662993	0	
63	N63	-6.662543	0.166667	4.211492	0	
64	N64	-6.978533	0	3.662993	0	
65	N65	-6.661857	0	4.211492	0	
66	N66	-5.276264	0	0.07531	0	
67	N67	-3.906476	0	2.447853	0	
68	N68	-4.073143	0	2.159178	0	
69	N69	-7.237798	0	3.547266	0	
70	N70	-6.690923	0	4.494481	0	
71	N71	-2.865735	0	4.62547	0	
72	N72	-5.438644	0	0.16906	0	
73	N73	-3.032401	0	4.62547	0	
74	N74	-3.032401	0	4.658016	0	
75	N75	-6.565923	0	4.494481	0	
76	N76	-6.565923	0	4.658016	0	
77	N77	-5.521977	0	0.313398	0	
78	N78	-5.550162	0	0.297125	0	
79	N79	-7.175298	0	3.439013	0	
80	N80	-7.316924	0	3.357245	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
81	N81	1.158962	0	-7.30865	0	
82	N84	6.867295	0	2.578473	0	
83	N85	1.375468	0	-7.43365	0	
84	N88	7.083802	0	2.453473	0	
85	N89	1.375468	3.666667	-7.43365	0	
86	N92	7.083802	3.666667	2.453473	0	
87	N93	1.375468	-2.333333	-7.43365	0	
88	N96	7.083802	-2.333333	2.453473	0	
89	N97A	-6.820022	0	3.937542	0	
90	N98	-0.533962	0	-8.391182	0	
91	N99	-7.533958	0	3.733167	0	
92	N100	1.226867	0	0.708332	0	
93	N101	3.989806	0	2.303515	0	
94	N102	6.964357	0	4.020873	0	
95	N103	5.276262	0	0.075314	0	
96	N104	2.840123	0.166667	4.294831	0	
97	N105	5.139492	0.166667	0.312206	0	
98	N106	2.840123	0	4.294831	0	
99	N107	5.139492	0	0.312206	0	
100	N108	6.661168	0.166667	4.211495	0	
101	N109	6.97853	0.166667	3.664186	0	
102	N110	6.661512	0	4.21209	0	
103	N111	6.978187	0	3.663592	0	
104	N112	2.703353	0	4.531724	0	
105	N113	4.073141	0	2.159181	0	
106	N114B	3.906474	0	2.447856	0	
107	N115B	6.690921	0	4.494484	0	
108	N116	7.237796	0	3.547269	0	
109	N117B	5.438642	0	0.169064	0	
110	N118A	2.865733	0	4.625474	0	
111	N119A	5.521975	0	0.313401	0	
112	N120	5.550161	0	0.297129	0	
113	N121A	7.175296	0	3.439016	0	
114	N122A	7.316922	0	3.357249	0	
115	N123A	3.032399	0	4.625474	0	
116	N124	3.032399	0	4.658019	0	
117	N125A	6.565921	0	4.494484	0	
118	N126A	6.565921	0	4.658019	0	
119	N127A	-6.908958	0	2.650635	0	
120	N130A	-1.200625	0	-7.236488	0	
121	N131A	-7.125464	0	2.525635	0	
122	N134A	-1.417131	0	-7.361488	0	
123	N135A	-7.125464	3.666667	2.525635	0	
124	N138A	-1.417131	3.666667	-7.361488	0	
125	N139A	-7.125464	-2.333333	2.525635	0	
126	N142	-1.417131	-2.333333	-7.361488	0	
127	N143	6.820022	0	3.937542	0	
128	N144	-6.999996	3	4.658016	0	
129	N145	6.999996	3	4.658016	0	
130	N146	5.749996	3	4.658016	0	
131	N147	1.083329	3	4.658016	0	
132	N148	-2.333337	3	4.658016	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
133	N149	-5.66667	3	4.658016	0	
134	N150	5.749996	3	4.908016	0	
135	N151	1.083329	3	4.908016	0	
136	N152	-2.333337	3	4.908016	0	
137	N153	-5.66667	3	4.908016	0	
138	N154	7.533958	3	3.733167	0	
139	N155	0.533962	3	-8.391182	0	
140	N156	1.158962	3	-7.30865	0	
141	N158	6.867295	3	2.578473	0	
142	N159	1.375468	3	-7.43365	0	
143	N161	7.083802	3	2.453473	0	
144	N162	-0.533962	3	-8.391182	0	
145	N163	-7.533958	3	3.733167	0	
146	N164	-6.908958	3	2.650635	0	
147	N166	-1.200625	3	-7.236488	0	
148	N167A	-7.125464	3	2.525635	0	
149	N169A	-1.417131	3	-7.361488	0	
150	N150A	3.492295	0	-3.267199	0	
151	N151A	5.200629	0	-0.308279	0	
152	N152A	3.708802	0	-3.392199	0	
153	N153A	5.417135	0	-0.433279	0	
154	N154A	3.708802	3.666667	-3.392199	0	
155	N155B	5.417135	3.666667	-0.433279	0	
156	N156A	3.708802	-2.333333	-3.392199	0	
157	N157	5.417135	-2.333333	-0.433279	0	
158	N158A	3.492295	3	-3.267199	0	
159	N159A	5.200629	3	-0.308279	0	
160	N160	3.708802	3	-3.392199	0	
161	N161A	5.417135	3	-0.433279	0	
162	N162A	-4.575625	0	-1.390817	0	
163	N163A	-2.867291	0	-4.349737	0	
164	N164A	-4.792131	0	-1.515817	0	
165	N165	-3.083798	0	-4.474737	0	
166	N166A	-4.792131	3.666667	-1.515817	0	
167	N167B	-3.083798	3.666667	-4.474737	0	
168	N168A	-4.792131	-2.333333	-1.515817	0	
169	N169B	-3.083798	-2.333333	-4.474737	0	
170	N170A	-4.575625	3	-1.390817	0	
171	N171	-2.867291	3	-4.349737	0	
172	N172	-4.792131	3	-1.515817	0	
173	N173	-3.083798	3	-4.474737	0	
174	N174	-4.999996	3	4.658016	0	
175	N175	-4.999996	3	4.491349	0	
176	N176	4.999996	3	4.658016	0	
177	N177	4.999996	3	4.491349	0	
178	N178	6.533958	3	2.001116	0	
179	N179	6.38962	3	2.084449	0	
180	N180	1.533962	3	-6.659131	0	
181	N181	1.389624	3	-6.575798	0	
182	N182	-1.533962	3	-6.659131	0	
183	N183	-1.389624	3	-6.575798	0	
184	N184	-6.533958	3	2.001116	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
185	N185	-6.38962	3	2.084449	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTu...	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmemb...	HSS4X4X3	Beam	SquareTu...	A500 Gr.B Rect	Typical	2.58	6.21	6.21	10
5	Grating Support	L2x2x3	Beam	Single An...	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail Corner	L3X3X4	Beam	Single An...	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Support Brace	L2.5x2.5x4	Column	Single An...	A36 Gr.36	Typical	1.19	.692	.692	.026

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M20	N53A	N36			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M72A	N112A	N114			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M73	N125	N127			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M74	N126	N115			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
5	M75	N129	N128			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M76	N117	N120B			RIGID	None	None	RIGID	Typical
7	M77	N116A	N119			RIGID	None	None	RIGID	Typical
8	M78	N121	N116A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M79	N117	N122			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M80	N122	N124A			RIGID	None	None	RIGID	Typical
11	M81	N121	N123			RIGID	None	None	RIGID	Typical
12	M82	N126	N113A			RIGID	None	None	RIGID	Typical
13	M83	N113A	N127			RIGID	None	None	RIGID	Typical
14	M84	N115	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M85	N130	N132			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
16	M86A	N132	N133			RIGID	None	None	RIGID	Typical
17	M87A	N129	N134			Corner Plate	Beam	BAR	A36 Gr.36	Typical
18	M88	N134	N135			RIGID	None	None	RIGID	Typical
19	M89A	N125	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
20	M90A	N131	N136			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
21	M91	N136	N137			RIGID	None	None	RIGID	Typical
22	M92	N128	N138			Corner Plate	Beam	BAR	A36 Gr.36	Typical
23	M93A	N138	N139			RIGID	None	None	RIGID	Typical
24	M77A	N95	N103A			RIGID	None	None	RIGID	Typical
25	M78A	N97	N105A			RIGID	None	None	RIGID	Typical
26	M79A	N99A	N107A			RIGID	None	None	RIGID	Typical
27	M80A	N101A	N109A			RIGID	None	None	RIGID	Typical
28	MP4A	N114A	N118			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
29	MP3A	N113B	N117A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
30	MP2A	N112B	N116B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
31	MP1A	N111A	N115A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
32	OVP	N168	N169			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
33	M110	N167	N170			RIGID	None	None	RIGID	Typical
34	M99A	N124A	N155A			RIGID	None	None	RIGID	Typical
35	M100A	N155A	N123			RIGID	None	None	RIGID	Typical
36	M36	N53	N52			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
37	M37	N54	N56			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
38	M38	N66	N68			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
39	M39	N67	N57			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
40	M40	N70	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
41	M41	N59	N61			RIGID	None	None	RIGID	Typical
42	M42	N58	N60			RIGID	None	None	RIGID	Typical
43	M43	N62	N58			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
44	M44	N59	N63			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
45	M45	N63	N65			RIGID	None	None	RIGID	Typical
46	M46	N62	N64			RIGID	None	None	RIGID	Typical
47	M47	N67	N55			RIGID	None	None	RIGID	Typical
48	M48	N55	N68			RIGID	None	None	RIGID	Typical
49	M49	N57	N71			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
50	M50	N71	N73			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51	N73	N74			RIGID	None	None	RIGID	Typical
52	M52	N70	N75			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M53	N75	N76			RIGID	None	None	RIGID	Typical
54	M54	N66	N72			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
55	M55	N72	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
56	M56	N77	N78			RIGID	None	None	RIGID	Typical
57	M57	N69	N79			Corner Plate	Beam	BAR	A36 Gr.36	Typical
58	M58	N79	N80			RIGID	None	None	RIGID	Typical
59	M59	N81	N85			RIGID	None	None	RIGID	Typical
60	M62	N84	N88			RIGID	None	None	RIGID	Typical
61	MP4C	N92	N96			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
62	MP1C	N89	N93			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
63	M67	N65	N97A			RIGID	None	None	RIGID	Typical
64	M68	N97A	N64			RIGID	None	None	RIGID	Typical
65	M69	N99	N98			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
66	M70	N100	N102			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
67	M71	N112	N114B			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
68	M72	N113	N103			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
69	M73A	N116	N115B			Corner Plate	Beam	BAR	A36 Gr.36	Typical
70	M74A	N105	N107			RIGID	None	None	RIGID	Typical
71	M75A	N104	N106			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
72	M76A	N108	N104			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
73	M77B	N105	N109			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
74	M78B	N109	N111			RIGID	None	None	RIGID	Typical
75	M79B	N108	N110			RIGID	None	None	RIGID	Typical
76	M80B	N113	N101			RIGID	None	None	RIGID	Typical
77	M81B	N101	N114B			RIGID	None	None	RIGID	Typical
78	M82B	N103	N117B			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
79	M83B	N117B	N119A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
80	M84B	N119A	N120			RIGID	None	None	RIGID	Typical
81	M85A	N116	N121A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
82	M86	N121A	N122A			RIGID	None	None	RIGID	Typical
83	M87	N112	N118A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
84	M88A	N118A	N123A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
85	M89	N123A	N124			RIGID	None	None	RIGID	Typical
86	M90	N115B	N125A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
87	M91A	N125A	N126A			RIGID	None	None	RIGID	Typical
88	M92A	N127A	N131A			RIGID	None	None	RIGID	Typical
89	M95	N130A	N134A			RIGID	None	None	RIGID	Typical
90	MP4B	N138A	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP1B	N135A	N139A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M100	N111	N143			RIGID	None	None	RIGID	Typical
93	M101	N143	N110			RIGID	None	None	RIGID	Typical
94	M102	N145	N144			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
95	M103	N146	N150			RIGID	None	None	RIGID	Typical
96	M104	N147	N151			RIGID	None	None	RIGID	Typical
97	M105	N148	N152			RIGID	None	None	RIGID	Typical
98	M106	N149	N153			RIGID	None	None	RIGID	Typical
99	M107	N155	N154			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
100	M108	N156	N159			RIGID	None	None	RIGID	Typical
101	M110A	N158	N161			RIGID	None	None	RIGID	Typical
102	M111	N163	N162			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
103	M112	N164	N167A			RIGID	None	None	RIGID	Typical
104	M114	N166	N169A			RIGID	None	None	RIGID	Typical
105	M105A	N150A	N152A			RIGID	None	None	RIGID	Typical
106	M106A	N151A	N153A			RIGID	None	None	RIGID	Typical
107	MP3C	N155B	N157			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	MP2C	N154A	N156A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	M109	N158A	N160			RIGID	None	None	RIGID	Typical
110	M110B	N159A	N161A			RIGID	None	None	RIGID	Typical
111	M111A	N162A	N164A			RIGID	None	None	RIGID	Typical
112	M112A	N163A	N165			RIGID	None	None	RIGID	Typical
113	MP3B	N167B	N169B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
114	MP2B	N166A	N168A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	M115	N170A	N172			RIGID	None	None	RIGID	Typical
116	M116	N171	N173			RIGID	None	None	RIGID	Typical
117	M117	N174	N175			RIGID	None	None	RIGID	Typical
118	M118	N176	N177			RIGID	None	None	RIGID	Typical
119	M119	N178	N179			RIGID	None	None	RIGID	Typical
120	M120	N180	N181			RIGID	None	None	RIGID	Typical
121	M121	N182	N183			RIGID	None	None	RIGID	Typical
122	M122	N184	N185			RIGID	None	None	RIGID	Typical
123	M123	N175	N185		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
124	M124	N183	N181		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
125	M125	N179	N177		90	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M20						Yes				None
2	M72A						Yes	Default			None
3	M73						Yes				None
4	M74						Yes				None
5	M75						Yes				None
6	M76						Yes	** NA **			None
7	M77						Yes	** NA **			None
8	M78	OOOOOX	OOOOOX				Yes				None
9	M79	OOOOOX	OOOOOX				Yes				None
10	M80						Yes	** NA **			None
11	M81						Yes	** NA **			None
12	M82						Yes	** NA **			None
13	M83						Yes	** NA **			None
14	M84						Yes	** NA **			None
15	M85						Yes	** NA **			None
16	M86A		BenPIN				Yes	** NA **			None
17	M87A						Yes				None
18	M88		BenPIN				Yes	** NA **			None
19	M89A						Yes	** NA **			None
20	M90A						Yes	** NA **			None
21	M91		BenPIN				Yes	** NA **			None
22	M92						Yes				None
23	M93A		BenPIN				Yes	** NA **			None
24	M77A						Yes	** NA **			None
25	M78A						Yes	** NA **			None
26	M79A						Yes	** NA **			None
27	M80A						Yes	** NA **			None
28	MP4A						Yes	** NA **			None
29	MP3A						Yes	** NA **			None
30	MP2A						Yes	** NA **			None
31	MP1A						Yes	** NA **			None
32	OVP						Yes	** NA **			None
33	M110						Yes	** NA **			None
34	M99A						Yes	** NA **			None
35	M100A						Yes	** NA **			None
36	M36						Yes				None
37	M37						Yes	Default			None
38	M38						Yes				None
39	M39						Yes				None
40	M40						Yes				None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43	OOOOOX	OOOOOX				Yes				None
44	M44	OOOOOX	OOOOOX				Yes				None
45	M45						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...
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50						Yes	** NA **			None
51	M51		BenPIN				Yes	** NA **			None
52	M52						Yes				None
53	M53		BenPIN				Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56		BenPIN				Yes	** NA **			None
57	M57						Yes				None
58	M58		BenPIN				Yes	** NA **			None
59	M59						Yes	** NA **			None
60	M62						Yes	** NA **			None
61	MP4C						Yes	** NA **			None
62	MP1C						Yes	** NA **			None
63	M67						Yes	** NA **			None
64	M68						Yes	** NA **			None
65	M69						Yes				None
66	M70						Yes	Default			None
67	M71						Yes				None
68	M72						Yes				None
69	M73A						Yes				None
70	M74A						Yes	** NA **			None
71	M75A						Yes	** NA **			None
72	M76A	OOOOOX	OOOOOX				Yes				None
73	M77B	OOOOOX	OOOOOX				Yes				None
74	M78B						Yes	** NA **			None
75	M79B						Yes	** NA **			None
76	M80B						Yes	** NA **			None
77	M81B						Yes	** NA **			None
78	M82B						Yes	** NA **			None
79	M83B						Yes	** NA **			None
80	M84B		BenPIN				Yes	** NA **			None
81	M85A						Yes				None
82	M86		BenPIN				Yes	** NA **			None
83	M87						Yes	** NA **			None
84	M88A						Yes	** NA **			None
85	M89		BenPIN				Yes	** NA **			None
86	M90						Yes				None
87	M91A		BenPIN				Yes	** NA **			None
88	M92A						Yes	** NA **			None
89	M95						Yes	** NA **			None
90	MP4B						Yes	** NA **			None
91	MP1B						Yes	** NA **			None
92	M100						Yes	** NA **			None
93	M101						Yes	** NA **			None
94	M102						Yes				None
95	M103						Yes	** NA **			None
96	M104						Yes	** NA **			None
97	M105						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...
98	M106						Yes	** NA **			None
99	M107						Yes				None
100	M108						Yes	** NA **			None
101	M110A						Yes	** NA **			None
102	M111						Yes				None
103	M112						Yes	** NA **			None
104	M114						Yes	** NA **			None
105	M105A						Yes	** NA **			None
106	M106A						Yes	** NA **			None
107	MP3C						Yes	** NA **			None
108	MP2C						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110B						Yes	** NA **			None
111	M111A						Yes	** NA **			None
112	M112A						Yes	** NA **			None
113	MP3B						Yes	** NA **			None
114	MP2B						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117	OOOOOX					Yes	** NA **			None
118	M118	OOOOOX					Yes	** NA **			None
119	M119	OOOOOX					Yes	** NA **			None
120	M120	OOOOOX					Yes	** NA **			None
121	M121	OOOOOX					Yes	** NA **			None
122	M122	OOOOOX					Yes	** NA **			None
123	M123						Yes				None
124	M124						Yes				None
125	M125						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	Y	-10.5	.25
2	MP1A	My	-.005	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-10.5	5.75
5	MP1A	My	-.005	5.75
6	MP1A	Mz	0	5.75
7	MP1B	Y	-10.5	.25
8	MP1B	My	.005	.25
9	MP1B	Mz	-.002	.25
10	MP1B	Y	-10.5	5.75
11	MP1B	My	.005	5.75
12	MP1B	Mz	-.002	5.75
13	MP1C	Y	-10.5	.25
14	MP1C	My	.002	.25
15	MP1C	Mz	.005	.25
16	MP1C	Y	-10.5	5.75
17	MP1C	My	.002	5.75
18	MP1C	Mz	.005	5.75
19	MP4A	Y	-10.5	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
20	MP4A	My	-.005	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	-10.5	5.75
23	MP4A	My	-.005	5.75
24	MP4A	Mz	0	5.75
25	MP4B	Y	-10.5	.25
26	MP4B	My	.005	.25
27	MP4B	Mz	-.002	.25
28	MP4B	Y	-10.5	5.75
29	MP4B	My	.005	5.75
30	MP4B	Mz	-.002	5.75
31	MP4C	Y	-10.5	.25
32	MP4C	My	.002	.25
33	MP4C	Mz	.005	.25
34	MP4C	Y	-10.5	5.75
35	MP4C	My	.002	5.75
36	MP4C	Mz	.005	5.75
37	MP2A	Y	-20	.5
38	MP2A	My	-.01	.5
39	MP2A	Mz	.011	.5
40	MP2A	Y	-20	5.5
41	MP2A	My	-.01	5.5
42	MP2A	Mz	.011	5.5
43	MP2B	Y	-20	.5
44	MP2B	My	.006	.5
45	MP2B	Mz	-.014	.5
46	MP2B	Y	-20	5.5
47	MP2B	My	.006	5.5
48	MP2B	Mz	-.014	5.5
49	MP2C	Y	-20	.5
50	MP2C	My	.014	.5
51	MP2C	Mz	.006	.5
52	MP2C	Y	-20	5.5
53	MP2C	My	.014	5.5
54	MP2C	Mz	.006	5.5
55	MP2A	Y	-20	.5
56	MP2A	My	-.01	.5
57	MP2A	Mz	-.011	.5
58	MP2A	Y	-20	5.5
59	MP2A	My	-.01	5.5
60	MP2A	Mz	-.011	5.5
61	MP2B	Y	-20	.5
62	MP2B	My	.013	.5
63	MP2B	Mz	.007	.5
64	MP2B	Y	-20	5.5
65	MP2B	My	.013	5.5
66	MP2B	Mz	.007	5.5
67	MP2C	Y	-20	.5
68	MP2C	My	-.007	.5
69	MP2C	Mz	.013	.5
70	MP2C	Y	-20	5.5
71	MP2C	My	-.007	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
72	MP2C	Mz	.013	5.5
73	MP3A	Y	-43.55	2
74	MP3A	My	-.022	2
75	MP3A	Mz	0	2
76	MP3A	Y	-43.55	4
77	MP3A	My	-.022	4
78	MP3A	Mz	0	4
79	MP3B	Y	-43.55	2
80	MP3B	My	.02	2
81	MP3B	Mz	-.007	2
82	MP3B	Y	-43.55	4
83	MP3B	My	.02	4
84	MP3B	Mz	-.007	4
85	MP3C	Y	-43.55	2
86	MP3C	My	.007	2
87	MP3C	Mz	.02	2
88	MP3C	Y	-43.55	4
89	MP3C	My	.007	4
90	MP3C	Mz	.02	4
91	MP1A	Y	-74.7	2
92	MP1A	My	.025	2
93	MP1A	Mz	0	2
94	MP1B	Y	-74.7	2
95	MP1B	My	-.012	2
96	MP1B	Mz	.022	2
97	MP1C	Y	-74.7	2
98	MP1C	My	-.012	2
99	MP1C	Mz	-.022	2
100	MP2A	Y	-70.3	2
101	MP2A	My	.023	2
102	MP2A	Mz	0	2
103	MP2B	Y	-70.3	2
104	MP2B	My	-.012	2
105	MP2B	Mz	.02	2
106	MP2C	Y	-70.3	2
107	MP2C	My	-.012	2
108	MP2C	Mz	-.02	2
109	OVP	Y	-32	1
110	OVP	My	.011	1
111	OVP	Mz	0	1
112	MP2B	Y	-17.6	5
113	MP2B	My	.018	5
114	MP2B	Mz	-.006	5
115	MP2B	Y	-17.6	5
116	MP2B	My	.018	5
117	MP2B	Mz	.006	5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	Y	-58.782	.25
2	MP1A	My	-.029	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
3	MP1A	Mz	0	.25
4	MP1A	Y	-58.782	5.75
5	MP1A	My	-.029	5.75
6	MP1A	Mz	0	5.75
7	MP1B	Y	-58.782	.25
8	MP1B	My	.028	.25
9	MP1B	Mz	-.01	.25
10	MP1B	Y	-58.782	5.75
11	MP1B	My	.028	5.75
12	MP1B	Mz	-.01	5.75
13	MP1C	Y	-58.782	.25
14	MP1C	My	.01	.25
15	MP1C	Mz	.028	.25
16	MP1C	Y	-58.782	5.75
17	MP1C	My	.01	5.75
18	MP1C	Mz	.028	5.75
19	MP4A	Y	-58.782	.25
20	MP4A	My	-.029	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	-58.782	5.75
23	MP4A	My	-.029	5.75
24	MP4A	Mz	0	5.75
25	MP4B	Y	-58.782	.25
26	MP4B	My	.028	.25
27	MP4B	Mz	-.01	.25
28	MP4B	Y	-58.782	5.75
29	MP4B	My	.028	5.75
30	MP4B	Mz	-.01	5.75
31	MP4C	Y	-58.782	.25
32	MP4C	My	.01	.25
33	MP4C	Mz	.028	.25
34	MP4C	Y	-58.782	5.75
35	MP4C	My	.01	5.75
36	MP4C	Mz	.028	5.75
37	MP2A	Y	-60.597	.5
38	MP2A	My	-.03	.5
39	MP2A	Mz	.033	.5
40	MP2A	Y	-60.597	5.5
41	MP2A	My	-.03	5.5
42	MP2A	Mz	.033	5.5
43	MP2B	Y	-60.597	.5
44	MP2B	My	.017	.5
45	MP2B	Mz	-.041	.5
46	MP2B	Y	-60.597	5.5
47	MP2B	My	.017	5.5
48	MP2B	Mz	-.041	5.5
49	MP2C	Y	-60.597	.5
50	MP2C	My	.041	.5
51	MP2C	Mz	.017	.5
52	MP2C	Y	-60.597	5.5
53	MP2C	My	.041	5.5
54	MP2C	Mz	.017	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
55	MP2A	Y	-60.597	.5
56	MP2A	My	-.03	.5
57	MP2A	Mz	-.033	.5
58	MP2A	Y	-60.597	5.5
59	MP2A	My	-.03	5.5
60	MP2A	Mz	-.033	5.5
61	MP2B	Y	-60.597	.5
62	MP2B	My	.04	.5
63	MP2B	Mz	.02	.5
64	MP2B	Y	-60.597	5.5
65	MP2B	My	.04	5.5
66	MP2B	Mz	.02	5.5
67	MP2C	Y	-60.597	.5
68	MP2C	My	-.02	.5
69	MP2C	Mz	.04	.5
70	MP2C	Y	-60.597	5.5
71	MP2C	My	-.02	5.5
72	MP2C	Mz	.04	5.5
73	MP3A	Y	-35.341	2
74	MP3A	My	-.018	2
75	MP3A	Mz	0	2
76	MP3A	Y	-35.341	4
77	MP3A	My	-.018	4
78	MP3A	Mz	0	4
79	MP3B	Y	-35.341	2
80	MP3B	My	.017	2
81	MP3B	Mz	-.006	2
82	MP3B	Y	-35.341	4
83	MP3B	My	.017	4
84	MP3B	Mz	-.006	4
85	MP3C	Y	-35.341	2
86	MP3C	My	.006	2
87	MP3C	Mz	.017	2
88	MP3C	Y	-35.341	4
89	MP3C	My	.006	4
90	MP3C	Mz	.017	4
91	MP1A	Y	-44.551	2
92	MP1A	My	.015	2
93	MP1A	Mz	0	2
94	MP1B	Y	-44.551	2
95	MP1B	My	-.007	2
96	MP1B	Mz	.013	2
97	MP1C	Y	-44.551	2
98	MP1C	My	-.007	2
99	MP1C	Mz	-.013	2
100	MP2A	Y	-42.425	2
101	MP2A	My	.014	2
102	MP2A	Mz	0	2
103	MP2B	Y	-42.425	2
104	MP2B	My	-.007	2
105	MP2B	Mz	.012	2
106	MP2C	Y	-42.425	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
107	MP2C	My	-.007	2
108	MP2C	Mz	-.012	2
109	OVP	Y	-87.251	1
110	OVP	My	.029	1
111	OVP	Mz	0	1
112	MP2B	Y	6.6	5
113	MP2B	My	-.007	5
114	MP2B	Mz	.002	5
115	MP2B	Y	6.6	5
116	MP2B	My	-.007	5
117	MP2B	Mz	-.002	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-127.514	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	-127.514	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	-125.627	.25
9	MP1B	Mx	.021	.25
10	MP1B	X	0	5.75
11	MP1B	Z	-125.627	5.75
12	MP1B	Mx	.021	5.75
13	MP1C	X	0	.25
14	MP1C	Z	-113.273	.25
15	MP1C	Mx	-.053	.25
16	MP1C	X	0	5.75
17	MP1C	Z	-113.273	5.75
18	MP1C	Mx	-.053	5.75
19	MP4A	X	0	.25
20	MP4A	Z	-127.514	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	-127.514	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	-125.627	.25
27	MP4B	Mx	.021	.25
28	MP4B	X	0	5.75
29	MP4B	Z	-125.627	5.75
30	MP4B	Mx	.021	5.75
31	MP4C	X	0	.25
32	MP4C	Z	-113.273	.25
33	MP4C	Mx	-.053	.25
34	MP4C	X	0	5.75
35	MP4C	Z	-113.273	5.75
36	MP4C	Mx	-.053	5.75
37	MP2A	X	0	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
38	MP2A	Z	-99.66	.5
39	MP2A	Mx	-.054	.5
40	MP2A	X	0	5.5
41	MP2A	Z	-99.66	5.5
42	MP2A	Mx	-.054	5.5
43	MP2B	X	0	.5
44	MP2B	Z	-93.016	.5
45	MP2B	Mx	.063	.5
46	MP2B	X	0	5.5
47	MP2B	Z	-93.016	5.5
48	MP2B	Mx	.063	5.5
49	MP2C	X	0	.5
50	MP2C	Z	-49.51	.5
51	MP2C	Mx	-.014	.5
52	MP2C	X	0	5.5
53	MP2C	Z	-49.51	5.5
54	MP2C	Mx	-.014	5.5
55	MP2A	X	0	.5
56	MP2A	Z	-99.66	.5
57	MP2A	Mx	.054	.5
58	MP2A	X	0	5.5
59	MP2A	Z	-99.66	5.5
60	MP2A	Mx	.054	5.5
61	MP2B	X	0	.5
62	MP2B	Z	-93.016	.5
63	MP2B	Mx	-.031	.5
64	MP2B	X	0	5.5
65	MP2B	Z	-93.016	5.5
66	MP2B	Mx	-.031	5.5
67	MP2C	X	0	.5
68	MP2C	Z	-49.51	.5
69	MP2C	Mx	-.032	.5
70	MP2C	X	0	5.5
71	MP2C	Z	-49.51	5.5
72	MP2C	Mx	-.032	5.5
73	MP3A	X	0	2
74	MP3A	Z	-70.901	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-70.901	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	-65.464	2
81	MP3B	Mx	.011	2
82	MP3B	X	0	4
83	MP3B	Z	-65.464	4
84	MP3B	Mx	.011	4
85	MP3C	X	0	2
86	MP3C	Z	-29.855	2
87	MP3C	Mx	-.014	2
88	MP3C	X	0	4
89	MP3C	Z	-29.855	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
90	MP3C	Mx	-.014	4
91	MP1A	X	0	2
92	MP1A	Z	-56.07	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	-42.233	2
96	MP1B	Mx	-.012	2
97	MP1C	X	0	2
98	MP1C	Z	-42.233	2
99	MP1C	Mx	.012	2
100	MP2A	X	0	2
101	MP2A	Z	-56.07	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	-39.52	2
105	MP2B	Mx	-.011	2
106	MP2C	X	0	2
107	MP2C	Z	-39.52	2
108	MP2C	Mx	.011	2
109	OVP	X	0	1
110	OVP	Z	-87.18	1
111	OVP	Mx	0	1
112	MP2B	X	0	5
113	MP2B	Z	-34.727	5
114	MP2B	Mx	.012	5
115	MP2B	X	0	5
116	MP2B	Z	-34.727	5
117	MP2B	Mx	-.012	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	61.741	.25
2	MP1A	Z	-106.938	.25
3	MP1A	Mx	-.031	.25
4	MP1A	X	61.741	5.75
5	MP1A	Z	-106.938	5.75
6	MP1A	Mx	-.031	5.75
7	MP1B	X	59.025	.25
8	MP1B	Z	-102.234	.25
9	MP1B	Mx	.045	.25
10	MP1B	X	59.025	5.75
11	MP1B	Z	-102.234	5.75
12	MP1B	Mx	.045	5.75
13	MP1C	X	60.425	.25
14	MP1C	Z	-104.659	.25
15	MP1C	Mx	-.039	.25
16	MP1C	X	60.425	5.75
17	MP1C	Z	-104.659	5.75
18	MP1C	Mx	-.039	5.75
19	MP4A	X	61.741	.25
20	MP4A	Z	-106.938	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
21	MP4A	Mx	-.031	.25
22	MP4A	X	61.741	5.75
23	MP4A	Z	-106.938	5.75
24	MP4A	Mx	-.031	5.75
25	MP4B	X	59.025	.25
26	MP4B	Z	-102.234	.25
27	MP4B	Mx	.045	.25
28	MP4B	X	59.025	5.75
29	MP4B	Z	-102.234	5.75
30	MP4B	Mx	.045	5.75
31	MP4C	X	60.425	.25
32	MP4C	Z	-104.659	.25
33	MP4C	Mx	-.039	.25
34	MP4C	X	60.425	5.75
35	MP4C	Z	-104.659	5.75
36	MP4C	Mx	-.039	5.75
37	MP2A	X	42.731	.5
38	MP2A	Z	-74.012	.5
39	MP2A	Mx	-.061	.5
40	MP2A	X	42.731	5.5
41	MP2A	Z	-74.012	5.5
42	MP2A	Mx	-.061	5.5
43	MP2B	X	33.166	.5
44	MP2B	Z	-57.445	.5
45	MP2B	Mx	.049	.5
46	MP2B	X	33.166	5.5
47	MP2B	Z	-57.445	5.5
48	MP2B	Mx	.049	5.5
49	MP2C	X	38.097	.5
50	MP2C	Z	-65.986	.5
51	MP2C	Mx	.007	.5
52	MP2C	X	38.097	5.5
53	MP2C	Z	-65.986	5.5
54	MP2C	Mx	.007	5.5
55	MP2A	X	42.731	.5
56	MP2A	Z	-74.012	.5
57	MP2A	Mx	.019	.5
58	MP2A	X	42.731	5.5
59	MP2A	Z	-74.012	5.5
60	MP2A	Mx	.019	5.5
61	MP2B	X	33.166	.5
62	MP2B	Z	-57.445	.5
63	MP2B	Mx	.002	.5
64	MP2B	X	33.166	5.5
65	MP2B	Z	-57.445	5.5
66	MP2B	Mx	.002	5.5
67	MP2C	X	38.097	.5
68	MP2C	Z	-65.986	.5
69	MP2C	Mx	-.056	.5
70	MP2C	X	38.097	5.5
71	MP2C	Z	-65.986	5.5
72	MP2C	Mx	-.056	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
73	MP3A	X	29.64	2
74	MP3A	Z	-51.338	2
75	MP3A	Mx	-.015	2
76	MP3A	X	29.64	4
77	MP3A	Z	-51.338	4
78	MP3A	Mx	-.015	4
79	MP3B	X	21.812	2
80	MP3B	Z	-37.779	2
81	MP3B	Mx	.017	2
82	MP3B	X	21.812	4
83	MP3B	Z	-37.779	4
84	MP3B	Mx	.017	4
85	MP3C	X	25.848	2
86	MP3C	Z	-44.769	2
87	MP3C	Mx	-.017	2
88	MP3C	X	25.848	4
89	MP3C	Z	-44.769	4
90	MP3C	Mx	-.017	4
91	MP1A	X	25.729	2
92	MP1A	Z	-44.564	2
93	MP1A	Mx	.009	2
94	MP1B	X	18.811	2
95	MP1B	Z	-32.581	2
96	MP1B	Mx	-.013	2
97	MP1C	X	25.729	2
98	MP1C	Z	-44.564	2
99	MP1C	Mx	.009	2
100	MP2A	X	25.277	2
101	MP2A	Z	-43.78	2
102	MP2A	Mx	.008	2
103	MP2B	X	17.002	2
104	MP2B	Z	-29.448	2
105	MP2B	Mx	-.011	2
106	MP2C	X	25.277	2
107	MP2C	Z	-43.78	2
108	MP2C	Mx	.008	2
109	OVP	X	47.026	1
110	OVP	Z	-81.452	1
111	OVP	Mx	.016	1
112	MP2B	X	17.376	5
113	MP2B	Z	-30.097	5
114	MP2B	Mx	.027	5
115	MP2B	X	17.376	5
116	MP2B	Z	-30.097	5
117	MP2B	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	99.955	.25
2	MP1A	Z	-57.709	.25
3	MP1A	Mx	-.05	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
4	MP1A	X	99.955	5.75
5	MP1A	Z	-57.709	5.75
6	MP1A	Mx	-.05	5.75
7	MP1B	X	96.884	.25
8	MP1B	Z	-55.936	.25
9	MP1B	Mx	.055	.25
10	MP1B	X	96.884	5.75
11	MP1B	Z	-55.936	5.75
12	MP1B	Mx	.055	5.75
13	MP1C	X	110.009	.25
14	MP1C	Z	-63.514	.25
15	MP1C	Mx	-.011	.25
16	MP1C	X	110.009	5.75
17	MP1C	Z	-63.514	5.75
18	MP1C	Mx	-.011	5.75
19	MP4A	X	99.955	.25
20	MP4A	Z	-57.709	.25
21	MP4A	Mx	-.05	.25
22	MP4A	X	99.955	5.75
23	MP4A	Z	-57.709	5.75
24	MP4A	Mx	-.05	5.75
25	MP4B	X	96.884	.25
26	MP4B	Z	-55.936	.25
27	MP4B	Mx	.055	.25
28	MP4B	X	96.884	5.75
29	MP4B	Z	-55.936	5.75
30	MP4B	Mx	.055	5.75
31	MP4C	X	110.009	.25
32	MP4C	Z	-63.514	.25
33	MP4C	Mx	-.011	.25
34	MP4C	X	110.009	5.75
35	MP4C	Z	-63.514	5.75
36	MP4C	Mx	-.011	5.75
37	MP2A	X	49.419	.5
38	MP2A	Z	-28.532	.5
39	MP2A	Mx	-.04	.5
40	MP2A	X	49.419	5.5
41	MP2A	Z	-28.532	5.5
42	MP2A	Mx	-.04	5.5
43	MP2B	X	38.606	.5
44	MP2B	Z	-22.289	.5
45	MP2B	Mx	.026	.5
46	MP2B	X	38.606	5.5
47	MP2B	Z	-22.289	5.5
48	MP2B	Mx	.026	5.5
49	MP2C	X	84.825	.5
50	MP2C	Z	-48.974	.5
51	MP2C	Mx	.044	.5
52	MP2C	X	84.825	5.5
53	MP2C	Z	-48.974	5.5
54	MP2C	Mx	.044	5.5
55	MP2A	X	49.419	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
56	MP2A	Z	-28.532	.5
57	MP2A	Mx	-.009	.5
58	MP2A	X	49.419	5.5
59	MP2A	Z	-28.532	5.5
60	MP2A	Mx	-.009	5.5
61	MP2B	X	38.606	.5
62	MP2B	Z	-22.289	.5
63	MP2B	Mx	.018	.5
64	MP2B	X	38.606	5.5
65	MP2B	Z	-22.289	5.5
66	MP2B	Mx	.018	5.5
67	MP2C	X	84.825	.5
68	MP2C	Z	-48.974	.5
69	MP2C	Mx	-.061	.5
70	MP2C	X	84.825	5.5
71	MP2C	Z	-48.974	5.5
72	MP2C	Mx	-.061	5.5
73	MP3A	X	31.21	2
74	MP3A	Z	-18.019	2
75	MP3A	Mx	-.016	2
76	MP3A	X	31.21	4
77	MP3A	Z	-18.019	4
78	MP3A	Mx	-.016	4
79	MP3B	X	22.36	2
80	MP3B	Z	-12.91	2
81	MP3B	Mx	.013	2
82	MP3B	X	22.36	4
83	MP3B	Z	-12.91	4
84	MP3B	Mx	.013	4
85	MP3C	X	60.188	2
86	MP3C	Z	-34.75	2
87	MP3C	Mx	-.006	2
88	MP3C	X	60.188	4
89	MP3C	Z	-34.75	4
90	MP3C	Mx	-.006	4
91	MP1A	X	36.575	2
92	MP1A	Z	-21.117	2
93	MP1A	Mx	.012	2
94	MP1B	X	36.575	2
95	MP1B	Z	-21.117	2
96	MP1B	Mx	-.012	2
97	MP1C	X	48.558	2
98	MP1C	Z	-28.035	2
99	MP1C	Mx	0	2
100	MP2A	X	34.226	2
101	MP2A	Z	-19.76	2
102	MP2A	Mx	.011	2
103	MP2B	X	34.226	2
104	MP2B	Z	-19.76	2
105	MP2B	Mx	-.011	2
106	MP2C	X	48.558	2
107	MP2C	Z	-28.035	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
108	MP2C	Mx	0	2
109	OVP	X	93.357	1
110	OVP	Z	-53.899	1
111	OVP	Mx	.031	1
112	MP2B	X	30.141	5
113	MP2B	Z	-17.402	5
114	MP2B	Mx	.036	5
115	MP2B	X	30.141	5
116	MP2B	Z	-17.402	5
117	MP2B	Mx	.024	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	111.386	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.056	.25
4	MP1A	X	111.386	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	-.056	5.75
7	MP1B	X	113.273	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.053	.25
10	MP1B	X	113.273	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	.053	5.75
13	MP1C	X	125.627	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.021	.25
16	MP1C	X	125.627	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	.021	5.75
19	MP4A	X	111.386	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.056	.25
22	MP4A	X	111.386	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	-.056	5.75
25	MP4B	X	113.273	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.053	.25
28	MP4B	X	113.273	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	.053	5.75
31	MP4C	X	125.627	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.021	.25
34	MP4C	X	125.627	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	.021	5.75
37	MP2A	X	42.866	.5
38	MP2A	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
39	MP2A	Mx	-.021	.5
40	MP2A	X	42.866	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	-.021	5.5
43	MP2B	X	49.51	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	.014	.5
46	MP2B	X	49.51	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	.014	5.5
49	MP2C	X	93.016	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	.063	.5
52	MP2C	X	93.016	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	.063	5.5
55	MP2A	X	42.866	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	-.021	.5
58	MP2A	X	42.866	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	-.021	5.5
61	MP2B	X	49.51	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	.032	.5
64	MP2B	X	49.51	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	.032	5.5
67	MP2C	X	93.016	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	-.031	.5
70	MP2C	X	93.016	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	-.031	5.5
73	MP3A	X	24.418	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.012	2
76	MP3A	X	24.418	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.012	4
79	MP3B	X	29.855	2
80	MP3B	Z	0	2
81	MP3B	Mx	.014	2
82	MP3B	X	29.855	4
83	MP3B	Z	0	4
84	MP3B	Mx	.014	4
85	MP3C	X	65.464	2
86	MP3C	Z	0	2
87	MP3C	Mx	.011	2
88	MP3C	X	65.464	4
89	MP3C	Z	0	4
90	MP3C	Mx	.011	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
91	MP1A	X	37.621	2
92	MP1A	Z	0	2
93	MP1A	Mx	.013	2
94	MP1B	X	51.458	2
95	MP1B	Z	0	2
96	MP1B	Mx	-.009	2
97	MP1C	X	51.458	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.009	2
100	MP2A	X	34.004	2
101	MP2A	Z	0	2
102	MP2A	Mx	.011	2
103	MP2B	X	50.553	2
104	MP2B	Z	0	2
105	MP2B	Mx	-.008	2
106	MP2C	X	50.553	2
107	MP2C	Z	0	2
108	MP2C	Mx	-.008	2
109	OVP	X	114.672	1
110	OVP	Z	0	1
111	OVP	Mx	.038	1
112	MP2B	X	34.83	5
113	MP2B	Z	0	5
114	MP2B	Mx	.035	5
115	MP2B	X	34.83	5
116	MP2B	Z	0	5
117	MP2B	Mx	.035	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	99.955	.25
2	MP1A	Z	57.709	.25
3	MP1A	Mx	-.05	.25
4	MP1A	X	99.955	5.75
5	MP1A	Z	57.709	5.75
6	MP1A	Mx	-.05	5.75
7	MP1B	X	104.659	.25
8	MP1B	Z	60.425	.25
9	MP1B	Mx	.039	.25
10	MP1B	X	104.659	5.75
11	MP1B	Z	60.425	5.75
12	MP1B	Mx	.039	5.75
13	MP1C	X	102.234	.25
14	MP1C	Z	59.025	.25
15	MP1C	Mx	.045	.25
16	MP1C	X	102.234	5.75
17	MP1C	Z	59.025	5.75
18	MP1C	Mx	.045	5.75
19	MP4A	X	99.955	.25
20	MP4A	Z	57.709	.25
21	MP4A	Mx	-.05	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
22	MP4A	X	99.955	5.75
23	MP4A	Z	57.709	5.75
24	MP4A	Mx	-.05	5.75
25	MP4B	X	104.659	.25
26	MP4B	Z	60.425	.25
27	MP4B	Mx	.039	.25
28	MP4B	X	104.659	5.75
29	MP4B	Z	60.425	5.75
30	MP4B	Mx	.039	5.75
31	MP4C	X	102.234	.25
32	MP4C	Z	59.025	.25
33	MP4C	Mx	.045	.25
34	MP4C	X	102.234	5.75
35	MP4C	Z	59.025	5.75
36	MP4C	Mx	.045	5.75
37	MP2A	X	49.419	.5
38	MP2A	Z	28.532	.5
39	MP2A	Mx	-.009	.5
40	MP2A	X	49.419	5.5
41	MP2A	Z	28.532	5.5
42	MP2A	Mx	-.009	5.5
43	MP2B	X	65.986	.5
44	MP2B	Z	38.097	.5
45	MP2B	Mx	-.007	.5
46	MP2B	X	65.986	5.5
47	MP2B	Z	38.097	5.5
48	MP2B	Mx	-.007	5.5
49	MP2C	X	57.445	.5
50	MP2C	Z	33.166	.5
51	MP2C	Mx	.049	.5
52	MP2C	X	57.445	5.5
53	MP2C	Z	33.166	5.5
54	MP2C	Mx	.049	5.5
55	MP2A	X	49.419	.5
56	MP2A	Z	28.532	.5
57	MP2A	Mx	-.04	.5
58	MP2A	X	49.419	5.5
59	MP2A	Z	28.532	5.5
60	MP2A	Mx	-.04	5.5
61	MP2B	X	65.986	.5
62	MP2B	Z	38.097	.5
63	MP2B	Mx	.056	.5
64	MP2B	X	65.986	5.5
65	MP2B	Z	38.097	5.5
66	MP2B	Mx	.056	5.5
67	MP2C	X	57.445	.5
68	MP2C	Z	33.166	.5
69	MP2C	Mx	.002	.5
70	MP2C	X	57.445	5.5
71	MP2C	Z	33.166	5.5
72	MP2C	Mx	.002	5.5
73	MP3A	X	31.21	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
74	MP3A	Z	18.019	2
75	MP3A	Mx	-.016	2
76	MP3A	X	31.21	4
77	MP3A	Z	18.019	4
78	MP3A	Mx	-.016	4
79	MP3B	X	44.769	2
80	MP3B	Z	25.848	2
81	MP3B	Mx	.017	2
82	MP3B	X	44.769	4
83	MP3B	Z	25.848	4
84	MP3B	Mx	.017	4
85	MP3C	X	37.779	2
86	MP3C	Z	21.812	2
87	MP3C	Mx	.017	2
88	MP3C	X	37.779	4
89	MP3C	Z	21.812	4
90	MP3C	Mx	.017	4
91	MP1A	X	36.575	2
92	MP1A	Z	21.117	2
93	MP1A	Mx	.012	2
94	MP1B	X	48.558	2
95	MP1B	Z	28.035	2
96	MP1B	Mx	0	2
97	MP1C	X	36.575	2
98	MP1C	Z	21.117	2
99	MP1C	Mx	-.012	2
100	MP2A	X	34.226	2
101	MP2A	Z	19.76	2
102	MP2A	Mx	.011	2
103	MP2B	X	48.558	2
104	MP2B	Z	28.035	2
105	MP2B	Mx	0	2
106	MP2C	X	34.226	2
107	MP2C	Z	19.76	2
108	MP2C	Mx	-.011	2
109	OVP	X	93.357	1
110	OVP	Z	53.899	1
111	OVP	Mx	.031	1
112	MP2B	X	30.141	5
113	MP2B	Z	17.402	5
114	MP2B	Mx	.024	5
115	MP2B	X	30.141	5
116	MP2B	Z	17.402	5
117	MP2B	Mx	.036	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	61.741	.25
2	MP1A	Z	106.938	.25
3	MP1A	Mx	-.031	.25
4	MP1A	X	61.741	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
5	MP1A	Z	106.938	5.75
6	MP1A	Mx	-.031	5.75
7	MP1B	X	63.514	.25
8	MP1B	Z	110.009	.25
9	MP1B	Mx	.011	.25
10	MP1B	X	63.514	5.75
11	MP1B	Z	110.009	5.75
12	MP1B	Mx	.011	5.75
13	MP1C	X	55.936	.25
14	MP1C	Z	96.884	.25
15	MP1C	Mx	.055	.25
16	MP1C	X	55.936	5.75
17	MP1C	Z	96.884	5.75
18	MP1C	Mx	.055	5.75
19	MP4A	X	61.741	.25
20	MP4A	Z	106.938	.25
21	MP4A	Mx	-.031	.25
22	MP4A	X	61.741	5.75
23	MP4A	Z	106.938	5.75
24	MP4A	Mx	-.031	5.75
25	MP4B	X	63.514	.25
26	MP4B	Z	110.009	.25
27	MP4B	Mx	.011	.25
28	MP4B	X	63.514	5.75
29	MP4B	Z	110.009	5.75
30	MP4B	Mx	.011	5.75
31	MP4C	X	55.936	.25
32	MP4C	Z	96.884	.25
33	MP4C	Mx	.055	.25
34	MP4C	X	55.936	5.75
35	MP4C	Z	96.884	5.75
36	MP4C	Mx	.055	5.75
37	MP2A	X	42.731	.5
38	MP2A	Z	74.012	.5
39	MP2A	Mx	.019	.5
40	MP2A	X	42.731	5.5
41	MP2A	Z	74.012	5.5
42	MP2A	Mx	.019	5.5
43	MP2B	X	48.974	.5
44	MP2B	Z	84.825	.5
45	MP2B	Mx	-.044	.5
46	MP2B	X	48.974	5.5
47	MP2B	Z	84.825	5.5
48	MP2B	Mx	-.044	5.5
49	MP2C	X	22.289	.5
50	MP2C	Z	38.606	.5
51	MP2C	Mx	.026	.5
52	MP2C	X	22.289	5.5
53	MP2C	Z	38.606	5.5
54	MP2C	Mx	.026	5.5
55	MP2A	X	42.731	.5
56	MP2A	Z	74.012	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
57	MP2A	Mx	-.061	.5
58	MP2A	X	42.731	5.5
59	MP2A	Z	74.012	5.5
60	MP2A	Mx	-.061	5.5
61	MP2B	X	48.974	.5
62	MP2B	Z	84.825	.5
63	MP2B	Mx	.061	.5
64	MP2B	X	48.974	5.5
65	MP2B	Z	84.825	5.5
66	MP2B	Mx	.061	5.5
67	MP2C	X	22.289	.5
68	MP2C	Z	38.606	.5
69	MP2C	Mx	.018	.5
70	MP2C	X	22.289	5.5
71	MP2C	Z	38.606	5.5
72	MP2C	Mx	.018	5.5
73	MP3A	X	29.64	2
74	MP3A	Z	51.338	2
75	MP3A	Mx	-.015	2
76	MP3A	X	29.64	4
77	MP3A	Z	51.338	4
78	MP3A	Mx	-.015	4
79	MP3B	X	34.75	2
80	MP3B	Z	60.188	2
81	MP3B	Mx	.006	2
82	MP3B	X	34.75	4
83	MP3B	Z	60.188	4
84	MP3B	Mx	.006	4
85	MP3C	X	12.91	2
86	MP3C	Z	22.36	2
87	MP3C	Mx	.013	2
88	MP3C	X	12.91	4
89	MP3C	Z	22.36	4
90	MP3C	Mx	.013	4
91	MP1A	X	25.729	2
92	MP1A	Z	44.564	2
93	MP1A	Mx	.009	2
94	MP1B	X	25.729	2
95	MP1B	Z	44.564	2
96	MP1B	Mx	.009	2
97	MP1C	X	18.811	2
98	MP1C	Z	32.581	2
99	MP1C	Mx	-.013	2
100	MP2A	X	25.277	2
101	MP2A	Z	43.78	2
102	MP2A	Mx	.008	2
103	MP2B	X	25.277	2
104	MP2B	Z	43.78	2
105	MP2B	Mx	.008	2
106	MP2C	X	17.002	2
107	MP2C	Z	29.448	2
108	MP2C	Mx	-.011	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
109	OVP	X	47.026	1
110	OVP	Z	81.452	1
111	OVP	Mx	.016	1
112	MP2B	X	17.376	5
113	MP2B	Z	30.097	5
114	MP2B	Mx	.007	5
115	MP2B	X	17.376	5
116	MP2B	Z	30.097	5
117	MP2B	Mx	.027	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	127.514	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	127.514	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	125.627	.25
9	MP1B	Mx	-.021	.25
10	MP1B	X	0	5.75
11	MP1B	Z	125.627	5.75
12	MP1B	Mx	-.021	5.75
13	MP1C	X	0	.25
14	MP1C	Z	113.273	.25
15	MP1C	Mx	.053	.25
16	MP1C	X	0	5.75
17	MP1C	Z	113.273	5.75
18	MP1C	Mx	.053	5.75
19	MP4A	X	0	.25
20	MP4A	Z	127.514	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	127.514	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	125.627	.25
27	MP4B	Mx	-.021	.25
28	MP4B	X	0	5.75
29	MP4B	Z	125.627	5.75
30	MP4B	Mx	-.021	5.75
31	MP4C	X	0	.25
32	MP4C	Z	113.273	.25
33	MP4C	Mx	.053	.25
34	MP4C	X	0	5.75
35	MP4C	Z	113.273	5.75
36	MP4C	Mx	.053	5.75
37	MP2A	X	0	.5
38	MP2A	Z	99.66	.5
39	MP2A	Mx	.054	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
40	MP2A	X	0	5.5
41	MP2A	Z	99.66	5.5
42	MP2A	Mx	.054	5.5
43	MP2B	X	0	.5
44	MP2B	Z	93.016	.5
45	MP2B	Mx	-.063	.5
46	MP2B	X	0	5.5
47	MP2B	Z	93.016	5.5
48	MP2B	Mx	-.063	5.5
49	MP2C	X	0	.5
50	MP2C	Z	49.51	.5
51	MP2C	Mx	.014	.5
52	MP2C	X	0	5.5
53	MP2C	Z	49.51	5.5
54	MP2C	Mx	.014	5.5
55	MP2A	X	0	.5
56	MP2A	Z	99.66	.5
57	MP2A	Mx	-.054	.5
58	MP2A	X	0	5.5
59	MP2A	Z	99.66	5.5
60	MP2A	Mx	-.054	5.5
61	MP2B	X	0	.5
62	MP2B	Z	93.016	.5
63	MP2B	Mx	.031	.5
64	MP2B	X	0	5.5
65	MP2B	Z	93.016	5.5
66	MP2B	Mx	.031	5.5
67	MP2C	X	0	.5
68	MP2C	Z	49.51	.5
69	MP2C	Mx	.032	.5
70	MP2C	X	0	5.5
71	MP2C	Z	49.51	5.5
72	MP2C	Mx	.032	5.5
73	MP3A	X	0	2
74	MP3A	Z	70.901	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	70.901	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	65.464	2
81	MP3B	Mx	-.011	2
82	MP3B	X	0	4
83	MP3B	Z	65.464	4
84	MP3B	Mx	-.011	4
85	MP3C	X	0	2
86	MP3C	Z	29.855	2
87	MP3C	Mx	.014	2
88	MP3C	X	0	4
89	MP3C	Z	29.855	4
90	MP3C	Mx	.014	4
91	MP1A	X	0	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
92	MP1A	Z	56.07	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	42.233	2
96	MP1B	Mx	.012	2
97	MP1C	X	0	2
98	MP1C	Z	42.233	2
99	MP1C	Mx	-.012	2
100	MP2A	X	0	2
101	MP2A	Z	56.07	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	39.52	2
105	MP2B	Mx	.011	2
106	MP2C	X	0	2
107	MP2C	Z	39.52	2
108	MP2C	Mx	-.011	2
109	OVP	X	0	1
110	OVP	Z	87.18	1
111	OVP	Mx	0	1
112	MP2B	X	0	5
113	MP2B	Z	34.727	5
114	MP2B	Mx	-.012	5
115	MP2B	X	0	5
116	MP2B	Z	34.727	5
117	MP2B	Mx	.012	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-61.741	.25
2	MP1A	Z	106.938	.25
3	MP1A	Mx	.031	.25
4	MP1A	X	-61.741	5.75
5	MP1A	Z	106.938	5.75
6	MP1A	Mx	.031	5.75
7	MP1B	X	-59.025	.25
8	MP1B	Z	102.234	.25
9	MP1B	Mx	-.045	.25
10	MP1B	X	-59.025	5.75
11	MP1B	Z	102.234	5.75
12	MP1B	Mx	-.045	5.75
13	MP1C	X	-60.425	.25
14	MP1C	Z	104.659	.25
15	MP1C	Mx	.039	.25
16	MP1C	X	-60.425	5.75
17	MP1C	Z	104.659	5.75
18	MP1C	Mx	.039	5.75
19	MP4A	X	-61.741	.25
20	MP4A	Z	106.938	.25
21	MP4A	Mx	.031	.25
22	MP4A	X	-61.741	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
23	MP4A	Z	106.938	5.75
24	MP4A	Mx	.031	5.75
25	MP4B	X	-59.025	.25
26	MP4B	Z	102.234	.25
27	MP4B	Mx	-.045	.25
28	MP4B	X	-59.025	5.75
29	MP4B	Z	102.234	5.75
30	MP4B	Mx	-.045	5.75
31	MP4C	X	-60.425	.25
32	MP4C	Z	104.659	.25
33	MP4C	Mx	.039	.25
34	MP4C	X	-60.425	5.75
35	MP4C	Z	104.659	5.75
36	MP4C	Mx	.039	5.75
37	MP2A	X	-42.731	.5
38	MP2A	Z	74.012	.5
39	MP2A	Mx	.061	.5
40	MP2A	X	-42.731	5.5
41	MP2A	Z	74.012	5.5
42	MP2A	Mx	.061	5.5
43	MP2B	X	-33.166	.5
44	MP2B	Z	57.445	.5
45	MP2B	Mx	-.049	.5
46	MP2B	X	-33.166	5.5
47	MP2B	Z	57.445	5.5
48	MP2B	Mx	-.049	5.5
49	MP2C	X	-38.097	.5
50	MP2C	Z	65.986	.5
51	MP2C	Mx	-.007	.5
52	MP2C	X	-38.097	5.5
53	MP2C	Z	65.986	5.5
54	MP2C	Mx	-.007	5.5
55	MP2A	X	-42.731	.5
56	MP2A	Z	74.012	.5
57	MP2A	Mx	-.019	.5
58	MP2A	X	-42.731	5.5
59	MP2A	Z	74.012	5.5
60	MP2A	Mx	-.019	5.5
61	MP2B	X	-33.166	.5
62	MP2B	Z	57.445	.5
63	MP2B	Mx	-.002	.5
64	MP2B	X	-33.166	5.5
65	MP2B	Z	57.445	5.5
66	MP2B	Mx	-.002	5.5
67	MP2C	X	-38.097	.5
68	MP2C	Z	65.986	.5
69	MP2C	Mx	.056	.5
70	MP2C	X	-38.097	5.5
71	MP2C	Z	65.986	5.5
72	MP2C	Mx	.056	5.5
73	MP3A	X	-29.64	2
74	MP3A	Z	51.338	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
75	MP3A	Mx	.015	2
76	MP3A	X	-29.64	4
77	MP3A	Z	51.338	4
78	MP3A	Mx	.015	4
79	MP3B	X	-21.812	2
80	MP3B	Z	37.779	2
81	MP3B	Mx	-.017	2
82	MP3B	X	-21.812	4
83	MP3B	Z	37.779	4
84	MP3B	Mx	-.017	4
85	MP3C	X	-25.848	2
86	MP3C	Z	44.769	2
87	MP3C	Mx	.017	2
88	MP3C	X	-25.848	4
89	MP3C	Z	44.769	4
90	MP3C	Mx	.017	4
91	MP1A	X	-25.729	2
92	MP1A	Z	44.564	2
93	MP1A	Mx	-.009	2
94	MP1B	X	-18.811	2
95	MP1B	Z	32.581	2
96	MP1B	Mx	.013	2
97	MP1C	X	-25.729	2
98	MP1C	Z	44.564	2
99	MP1C	Mx	-.009	2
100	MP2A	X	-25.277	2
101	MP2A	Z	43.78	2
102	MP2A	Mx	-.008	2
103	MP2B	X	-17.002	2
104	MP2B	Z	29.448	2
105	MP2B	Mx	.011	2
106	MP2C	X	-25.277	2
107	MP2C	Z	43.78	2
108	MP2C	Mx	-.008	2
109	OVP	X	-47.026	1
110	OVP	Z	81.452	1
111	OVP	Mx	-.016	1
112	MP2B	X	-17.376	5
113	MP2B	Z	30.097	5
114	MP2B	Mx	-.027	5
115	MP2B	X	-17.376	5
116	MP2B	Z	30.097	5
117	MP2B	Mx	-.007	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-99.955	.25
2	MP1A	Z	57.709	.25
3	MP1A	Mx	.05	.25
4	MP1A	X	-99.955	5.75
5	MP1A	Z	57.709	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
6	MP1A	Mx	.05	5.75
7	MP1B	X	-96.884	.25
8	MP1B	Z	55.936	.25
9	MP1B	Mx	-.055	.25
10	MP1B	X	-96.884	5.75
11	MP1B	Z	55.936	5.75
12	MP1B	Mx	-.055	5.75
13	MP1C	X	-110.009	.25
14	MP1C	Z	63.514	.25
15	MP1C	Mx	.011	.25
16	MP1C	X	-110.009	5.75
17	MP1C	Z	63.514	5.75
18	MP1C	Mx	.011	5.75
19	MP4A	X	-99.955	.25
20	MP4A	Z	57.709	.25
21	MP4A	Mx	.05	.25
22	MP4A	X	-99.955	5.75
23	MP4A	Z	57.709	5.75
24	MP4A	Mx	.05	5.75
25	MP4B	X	-96.884	.25
26	MP4B	Z	55.936	.25
27	MP4B	Mx	-.055	.25
28	MP4B	X	-96.884	5.75
29	MP4B	Z	55.936	5.75
30	MP4B	Mx	-.055	5.75
31	MP4C	X	-110.009	.25
32	MP4C	Z	63.514	.25
33	MP4C	Mx	.011	.25
34	MP4C	X	-110.009	5.75
35	MP4C	Z	63.514	5.75
36	MP4C	Mx	.011	5.75
37	MP2A	X	-49.419	.5
38	MP2A	Z	28.532	.5
39	MP2A	Mx	.04	.5
40	MP2A	X	-49.419	5.5
41	MP2A	Z	28.532	5.5
42	MP2A	Mx	.04	5.5
43	MP2B	X	-38.606	.5
44	MP2B	Z	22.289	.5
45	MP2B	Mx	-.026	.5
46	MP2B	X	-38.606	5.5
47	MP2B	Z	22.289	5.5
48	MP2B	Mx	-.026	5.5
49	MP2C	X	-84.825	.5
50	MP2C	Z	48.974	.5
51	MP2C	Mx	-.044	.5
52	MP2C	X	-84.825	5.5
53	MP2C	Z	48.974	5.5
54	MP2C	Mx	-.044	5.5
55	MP2A	X	-49.419	.5
56	MP2A	Z	28.532	.5
57	MP2A	Mx	.009	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
58	MP2A	X	-49.419	5.5
59	MP2A	Z	28.532	5.5
60	MP2A	Mx	.009	5.5
61	MP2B	X	-38.606	.5
62	MP2B	Z	22.289	.5
63	MP2B	Mx	-.018	.5
64	MP2B	X	-38.606	5.5
65	MP2B	Z	22.289	5.5
66	MP2B	Mx	-.018	5.5
67	MP2C	X	-84.825	.5
68	MP2C	Z	48.974	.5
69	MP2C	Mx	.061	.5
70	MP2C	X	-84.825	5.5
71	MP2C	Z	48.974	5.5
72	MP2C	Mx	.061	5.5
73	MP3A	X	-31.21	2
74	MP3A	Z	18.019	2
75	MP3A	Mx	.016	2
76	MP3A	X	-31.21	4
77	MP3A	Z	18.019	4
78	MP3A	Mx	.016	4
79	MP3B	X	-22.36	2
80	MP3B	Z	12.91	2
81	MP3B	Mx	-.013	2
82	MP3B	X	-22.36	4
83	MP3B	Z	12.91	4
84	MP3B	Mx	-.013	4
85	MP3C	X	-60.188	2
86	MP3C	Z	34.75	2
87	MP3C	Mx	.006	2
88	MP3C	X	-60.188	4
89	MP3C	Z	34.75	4
90	MP3C	Mx	.006	4
91	MP1A	X	-36.575	2
92	MP1A	Z	21.117	2
93	MP1A	Mx	-.012	2
94	MP1B	X	-36.575	2
95	MP1B	Z	21.117	2
96	MP1B	Mx	.012	2
97	MP1C	X	-48.558	2
98	MP1C	Z	28.035	2
99	MP1C	Mx	0	2
100	MP2A	X	-34.226	2
101	MP2A	Z	19.76	2
102	MP2A	Mx	-.011	2
103	MP2B	X	-34.226	2
104	MP2B	Z	19.76	2
105	MP2B	Mx	.011	2
106	MP2C	X	-48.558	2
107	MP2C	Z	28.035	2
108	MP2C	Mx	0	2
109	OVP	X	-93.357	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
110	OVP	Z	53.899	1
111	OVP	Mx	-.031	1
112	MP2B	X	-30.141	5
113	MP2B	Z	17.402	5
114	MP2B	Mx	-.036	5
115	MP2B	X	-30.141	5
116	MP2B	Z	17.402	5
117	MP2B	Mx	-.024	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-111.386	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.056	.25
4	MP1A	X	-111.386	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	.056	5.75
7	MP1B	X	-113.273	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.053	.25
10	MP1B	X	-113.273	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	-.053	5.75
13	MP1C	X	-125.627	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.021	.25
16	MP1C	X	-125.627	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	-.021	5.75
19	MP4A	X	-111.386	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.056	.25
22	MP4A	X	-111.386	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	.056	5.75
25	MP4B	X	-113.273	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.053	.25
28	MP4B	X	-113.273	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	-.053	5.75
31	MP4C	X	-125.627	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.021	.25
34	MP4C	X	-125.627	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	-.021	5.75
37	MP2A	X	-42.866	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	.021	.5
40	MP2A	X	-42.866	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
41	MP2A	Z	0	5.5
42	MP2A	Mx	.021	5.5
43	MP2B	X	-49.51	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	-.014	.5
46	MP2B	X	-49.51	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	-.014	5.5
49	MP2C	X	-93.016	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	-.063	.5
52	MP2C	X	-93.016	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	-.063	5.5
55	MP2A	X	-42.866	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	.021	.5
58	MP2A	X	-42.866	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	.021	5.5
61	MP2B	X	-49.51	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	-.032	.5
64	MP2B	X	-49.51	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	-.032	5.5
67	MP2C	X	-93.016	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	.031	.5
70	MP2C	X	-93.016	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	.031	5.5
73	MP3A	X	-24.418	2
74	MP3A	Z	0	2
75	MP3A	Mx	.012	2
76	MP3A	X	-24.418	4
77	MP3A	Z	0	4
78	MP3A	Mx	.012	4
79	MP3B	X	-29.855	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.014	2
82	MP3B	X	-29.855	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.014	4
85	MP3C	X	-65.464	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.011	2
88	MP3C	X	-65.464	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.011	4
91	MP1A	X	-37.621	2
92	MP1A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
93	MP1A	Mx	-.013	2
94	MP1B	X	-51.458	2
95	MP1B	Z	0	2
96	MP1B	Mx	.009	2
97	MP1C	X	-51.458	2
98	MP1C	Z	0	2
99	MP1C	Mx	.009	2
100	MP2A	X	-34.004	2
101	MP2A	Z	0	2
102	MP2A	Mx	-.011	2
103	MP2B	X	-50.553	2
104	MP2B	Z	0	2
105	MP2B	Mx	.008	2
106	MP2C	X	-50.553	2
107	MP2C	Z	0	2
108	MP2C	Mx	.008	2
109	OVP	X	-114.672	1
110	OVP	Z	0	1
111	OVP	Mx	-.038	1
112	MP2B	X	-34.83	5
113	MP2B	Z	0	5
114	MP2B	Mx	-.035	5
115	MP2B	X	-34.83	5
116	MP2B	Z	0	5
117	MP2B	Mx	-.035	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-99.955	.25
2	MP1A	Z	-57.709	.25
3	MP1A	Mx	.05	.25
4	MP1A	X	-99.955	5.75
5	MP1A	Z	-57.709	5.75
6	MP1A	Mx	.05	5.75
7	MP1B	X	-104.659	.25
8	MP1B	Z	-60.425	.25
9	MP1B	Mx	-.039	.25
10	MP1B	X	-104.659	5.75
11	MP1B	Z	-60.425	5.75
12	MP1B	Mx	-.039	5.75
13	MP1C	X	-102.234	.25
14	MP1C	Z	-59.025	.25
15	MP1C	Mx	-.045	.25
16	MP1C	X	-102.234	5.75
17	MP1C	Z	-59.025	5.75
18	MP1C	Mx	-.045	5.75
19	MP4A	X	-99.955	.25
20	MP4A	Z	-57.709	.25
21	MP4A	Mx	.05	.25
22	MP4A	X	-99.955	5.75
23	MP4A	Z	-57.709	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
24	MP4A	Mx	.05	5.75
25	MP4B	X	-104.659	.25
26	MP4B	Z	-60.425	.25
27	MP4B	Mx	-.039	.25
28	MP4B	X	-104.659	5.75
29	MP4B	Z	-60.425	5.75
30	MP4B	Mx	-.039	5.75
31	MP4C	X	-102.234	.25
32	MP4C	Z	-59.025	.25
33	MP4C	Mx	-.045	.25
34	MP4C	X	-102.234	5.75
35	MP4C	Z	-59.025	5.75
36	MP4C	Mx	-.045	5.75
37	MP2A	X	-49.419	.5
38	MP2A	Z	-28.532	.5
39	MP2A	Mx	.009	.5
40	MP2A	X	-49.419	5.5
41	MP2A	Z	-28.532	5.5
42	MP2A	Mx	.009	5.5
43	MP2B	X	-65.986	.5
44	MP2B	Z	-38.097	.5
45	MP2B	Mx	.007	.5
46	MP2B	X	-65.986	5.5
47	MP2B	Z	-38.097	5.5
48	MP2B	Mx	.007	5.5
49	MP2C	X	-57.445	.5
50	MP2C	Z	-33.166	.5
51	MP2C	Mx	-.049	.5
52	MP2C	X	-57.445	5.5
53	MP2C	Z	-33.166	5.5
54	MP2C	Mx	-.049	5.5
55	MP2A	X	-49.419	.5
56	MP2A	Z	-28.532	.5
57	MP2A	Mx	.04	.5
58	MP2A	X	-49.419	5.5
59	MP2A	Z	-28.532	5.5
60	MP2A	Mx	.04	5.5
61	MP2B	X	-65.986	.5
62	MP2B	Z	-38.097	.5
63	MP2B	Mx	-.056	.5
64	MP2B	X	-65.986	5.5
65	MP2B	Z	-38.097	5.5
66	MP2B	Mx	-.056	5.5
67	MP2C	X	-57.445	.5
68	MP2C	Z	-33.166	.5
69	MP2C	Mx	-.002	.5
70	MP2C	X	-57.445	5.5
71	MP2C	Z	-33.166	5.5
72	MP2C	Mx	-.002	5.5
73	MP3A	X	-31.21	2
74	MP3A	Z	-18.019	2
75	MP3A	Mx	.016	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
76	MP3A	X	-31.21	4
77	MP3A	Z	-18.019	4
78	MP3A	Mx	.016	4
79	MP3B	X	-44.769	2
80	MP3B	Z	-25.848	2
81	MP3B	Mx	-.017	2
82	MP3B	X	-44.769	4
83	MP3B	Z	-25.848	4
84	MP3B	Mx	-.017	4
85	MP3C	X	-37.779	2
86	MP3C	Z	-21.812	2
87	MP3C	Mx	-.017	2
88	MP3C	X	-37.779	4
89	MP3C	Z	-21.812	4
90	MP3C	Mx	-.017	4
91	MP1A	X	-36.575	2
92	MP1A	Z	-21.117	2
93	MP1A	Mx	-.012	2
94	MP1B	X	-48.558	2
95	MP1B	Z	-28.035	2
96	MP1B	Mx	0	2
97	MP1C	X	-36.575	2
98	MP1C	Z	-21.117	2
99	MP1C	Mx	.012	2
100	MP2A	X	-34.226	2
101	MP2A	Z	-19.76	2
102	MP2A	Mx	-.011	2
103	MP2B	X	-48.558	2
104	MP2B	Z	-28.035	2
105	MP2B	Mx	0	2
106	MP2C	X	-34.226	2
107	MP2C	Z	-19.76	2
108	MP2C	Mx	.011	2
109	OVP	X	-93.357	1
110	OVP	Z	-53.899	1
111	OVP	Mx	-.031	1
112	MP2B	X	-30.141	5
113	MP2B	Z	-17.402	5
114	MP2B	Mx	-.024	5
115	MP2B	X	-30.141	5
116	MP2B	Z	-17.402	5
117	MP2B	Mx	-.036	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-61.741	.25
2	MP1A	Z	-106.938	.25
3	MP1A	Mx	.031	.25
4	MP1A	X	-61.741	5.75
5	MP1A	Z	-106.938	5.75
6	MP1A	Mx	.031	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
7	MP1B	X	-63.514	.25
8	MP1B	Z	-110.009	.25
9	MP1B	Mx	-.011	.25
10	MP1B	X	-63.514	5.75
11	MP1B	Z	-110.009	5.75
12	MP1B	Mx	-.011	5.75
13	MP1C	X	-55.936	.25
14	MP1C	Z	-96.884	.25
15	MP1C	Mx	-.055	.25
16	MP1C	X	-55.936	5.75
17	MP1C	Z	-96.884	5.75
18	MP1C	Mx	-.055	5.75
19	MP4A	X	-61.741	.25
20	MP4A	Z	-106.938	.25
21	MP4A	Mx	.031	.25
22	MP4A	X	-61.741	5.75
23	MP4A	Z	-106.938	5.75
24	MP4A	Mx	.031	5.75
25	MP4B	X	-63.514	.25
26	MP4B	Z	-110.009	.25
27	MP4B	Mx	-.011	.25
28	MP4B	X	-63.514	5.75
29	MP4B	Z	-110.009	5.75
30	MP4B	Mx	-.011	5.75
31	MP4C	X	-55.936	.25
32	MP4C	Z	-96.884	.25
33	MP4C	Mx	-.055	.25
34	MP4C	X	-55.936	5.75
35	MP4C	Z	-96.884	5.75
36	MP4C	Mx	-.055	5.75
37	MP2A	X	-42.731	.5
38	MP2A	Z	-74.012	.5
39	MP2A	Mx	-.019	.5
40	MP2A	X	-42.731	5.5
41	MP2A	Z	-74.012	5.5
42	MP2A	Mx	-.019	5.5
43	MP2B	X	-48.974	.5
44	MP2B	Z	-84.825	.5
45	MP2B	Mx	.044	.5
46	MP2B	X	-48.974	5.5
47	MP2B	Z	-84.825	5.5
48	MP2B	Mx	.044	5.5
49	MP2C	X	-22.289	.5
50	MP2C	Z	-38.606	.5
51	MP2C	Mx	-.026	.5
52	MP2C	X	-22.289	5.5
53	MP2C	Z	-38.606	5.5
54	MP2C	Mx	-.026	5.5
55	MP2A	X	-42.731	.5
56	MP2A	Z	-74.012	.5
57	MP2A	Mx	.061	.5
58	MP2A	X	-42.731	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
59	MP2A	Z	-74.012	5.5
60	MP2A	Mx	.061	5.5
61	MP2B	X	-48.974	.5
62	MP2B	Z	-84.825	.5
63	MP2B	Mx	-.061	.5
64	MP2B	X	-48.974	5.5
65	MP2B	Z	-84.825	5.5
66	MP2B	Mx	-.061	5.5
67	MP2C	X	-22.289	.5
68	MP2C	Z	-38.606	.5
69	MP2C	Mx	-.018	.5
70	MP2C	X	-22.289	5.5
71	MP2C	Z	-38.606	5.5
72	MP2C	Mx	-.018	5.5
73	MP3A	X	-29.64	2
74	MP3A	Z	-51.338	2
75	MP3A	Mx	.015	2
76	MP3A	X	-29.64	4
77	MP3A	Z	-51.338	4
78	MP3A	Mx	.015	4
79	MP3B	X	-34.75	2
80	MP3B	Z	-60.188	2
81	MP3B	Mx	-.006	2
82	MP3B	X	-34.75	4
83	MP3B	Z	-60.188	4
84	MP3B	Mx	-.006	4
85	MP3C	X	-12.91	2
86	MP3C	Z	-22.36	2
87	MP3C	Mx	-.013	2
88	MP3C	X	-12.91	4
89	MP3C	Z	-22.36	4
90	MP3C	Mx	-.013	4
91	MP1A	X	-25.729	2
92	MP1A	Z	-44.564	2
93	MP1A	Mx	-.009	2
94	MP1B	X	-25.729	2
95	MP1B	Z	-44.564	2
96	MP1B	Mx	-.009	2
97	MP1C	X	-18.811	2
98	MP1C	Z	-32.581	2
99	MP1C	Mx	.013	2
100	MP2A	X	-25.277	2
101	MP2A	Z	-43.78	2
102	MP2A	Mx	-.008	2
103	MP2B	X	-25.277	2
104	MP2B	Z	-43.78	2
105	MP2B	Mx	-.008	2
106	MP2C	X	-17.002	2
107	MP2C	Z	-29.448	2
108	MP2C	Mx	.011	2
109	OVP	X	-47.026	1
110	OVP	Z	-81.452	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
111	OVP	Mx	-.016	1
112	MP2B	X	-17.376	5
113	MP2B	Z	-30.097	5
114	MP2B	Mx	-.007	5
115	MP2B	X	-17.376	5
116	MP2B	Z	-30.097	5
117	MP2B	Mx	-.027	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-22.666	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	-22.666	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	-22.377	.25
9	MP1B	Mx	.004	.25
10	MP1B	X	0	5.75
11	MP1B	Z	-22.377	5.75
12	MP1B	Mx	.004	5.75
13	MP1C	X	0	.25
14	MP1C	Z	-20.485	.25
15	MP1C	Mx	-.01	.25
16	MP1C	X	0	5.75
17	MP1C	Z	-20.485	5.75
18	MP1C	Mx	-.01	5.75
19	MP4A	X	0	.25
20	MP4A	Z	-22.666	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	-22.666	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	-22.377	.25
27	MP4B	Mx	.004	.25
28	MP4B	X	0	5.75
29	MP4B	Z	-22.377	5.75
30	MP4B	Mx	.004	5.75
31	MP4C	X	0	.25
32	MP4C	Z	-20.485	.25
33	MP4C	Mx	-.01	.25
34	MP4C	X	0	5.75
35	MP4C	Z	-20.485	5.75
36	MP4C	Mx	-.01	5.75
37	MP2A	X	0	.5
38	MP2A	Z	-26.023	.5
39	MP2A	Mx	-.014	.5
40	MP2A	X	0	5.5
41	MP2A	Z	-26.023	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
42	MP2A	Mx	-.014	5.5
43	MP2B	X	0	.5
44	MP2B	Z	-25.078	.5
45	MP2B	Mx	.017	.5
46	MP2B	X	0	5.5
47	MP2B	Z	-25.078	5.5
48	MP2B	Mx	.017	5.5
49	MP2C	X	0	.5
50	MP2C	Z	-18.888	.5
51	MP2C	Mx	-.005	.5
52	MP2C	X	0	5.5
53	MP2C	Z	-18.888	5.5
54	MP2C	Mx	-.005	5.5
55	MP2A	X	0	.5
56	MP2A	Z	-26.023	.5
57	MP2A	Mx	.014	.5
58	MP2A	X	0	5.5
59	MP2A	Z	-26.023	5.5
60	MP2A	Mx	.014	5.5
61	MP2B	X	0	.5
62	MP2B	Z	-25.078	.5
63	MP2B	Mx	-.008	.5
64	MP2B	X	0	5.5
65	MP2B	Z	-25.078	5.5
66	MP2B	Mx	-.008	5.5
67	MP2C	X	0	.5
68	MP2C	Z	-18.888	.5
69	MP2C	Mx	-.012	.5
70	MP2C	X	0	5.5
71	MP2C	Z	-18.888	5.5
72	MP2C	Mx	-.012	5.5
73	MP3A	X	0	2
74	MP3A	Z	-15.353	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-15.353	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	-14.322	2
81	MP3B	Mx	.002	2
82	MP3B	X	0	4
83	MP3B	Z	-14.322	4
84	MP3B	Mx	.002	4
85	MP3C	X	0	2
86	MP3C	Z	-7.567	2
87	MP3C	Mx	-.004	2
88	MP3C	X	0	4
89	MP3C	Z	-7.567	4
90	MP3C	Mx	-.004	4
91	MP1A	X	0	2
92	MP1A	Z	-12.935	2
93	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
94	MP1B	X	0	2
95	MP1B	Z	-9.98	2
96	MP1B	Mx	-.003	2
97	MP1C	X	0	2
98	MP1C	Z	-9.98	2
99	MP1C	Mx	.003	2
100	MP2A	X	0	2
101	MP2A	Z	-12.935	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	-9.448	2
105	MP2B	Mx	-.003	2
106	MP2C	X	0	2
107	MP2C	Z	-9.448	2
108	MP2C	Mx	.003	2
109	OVP	X	0	1
110	OVP	Z	-20.791	1
111	OVP	Mx	0	1
112	MP2B	X	0	5
113	MP2B	Z	-2.674	5
114	MP2B	Mx	.000891	5
115	MP2B	X	0	5
116	MP2B	Z	-2.674	5
117	MP2B	Mx	-.000891	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	11.024	.25
2	MP1A	Z	-19.095	.25
3	MP1A	Mx	-.006	.25
4	MP1A	X	11.024	5.75
5	MP1A	Z	-19.095	5.75
6	MP1A	Mx	-.006	5.75
7	MP1B	X	10.609	.25
8	MP1B	Z	-18.375	.25
9	MP1B	Mx	.008	.25
10	MP1B	X	10.609	5.75
11	MP1B	Z	-18.375	5.75
12	MP1B	Mx	.008	5.75
13	MP1C	X	10.823	.25
14	MP1C	Z	-18.746	.25
15	MP1C	Mx	-.007	.25
16	MP1C	X	10.823	5.75
17	MP1C	Z	-18.746	5.75
18	MP1C	Mx	-.007	5.75
19	MP4A	X	11.024	.25
20	MP4A	Z	-19.095	.25
21	MP4A	Mx	-.006	.25
22	MP4A	X	11.024	5.75
23	MP4A	Z	-19.095	5.75
24	MP4A	Mx	-.006	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
25	MP4B	X	10.609	.25
26	MP4B	Z	-18.375	.25
27	MP4B	Mx	.008	.25
28	MP4B	X	10.609	5.75
29	MP4B	Z	-18.375	5.75
30	MP4B	Mx	.008	5.75
31	MP4C	X	10.823	.25
32	MP4C	Z	-18.746	.25
33	MP4C	Mx	-.007	.25
34	MP4C	X	10.823	5.75
35	MP4C	Z	-18.746	5.75
36	MP4C	Mx	-.007	5.75
37	MP2A	X	12.001	.5
38	MP2A	Z	-20.787	.5
39	MP2A	Mx	-.017	.5
40	MP2A	X	12.001	5.5
41	MP2A	Z	-20.787	5.5
42	MP2A	Mx	-.017	5.5
43	MP2B	X	10.641	.5
44	MP2B	Z	-18.43	.5
45	MP2B	Mx	.016	.5
46	MP2B	X	10.641	5.5
47	MP2B	Z	-18.43	5.5
48	MP2B	Mx	.016	5.5
49	MP2C	X	11.342	.5
50	MP2C	Z	-19.645	.5
51	MP2C	Mx	.002	.5
52	MP2C	X	11.342	5.5
53	MP2C	Z	-19.645	5.5
54	MP2C	Mx	.002	5.5
55	MP2A	X	12.001	.5
56	MP2A	Z	-20.787	.5
57	MP2A	Mx	.005	.5
58	MP2A	X	12.001	5.5
59	MP2A	Z	-20.787	5.5
60	MP2A	Mx	.005	5.5
61	MP2B	X	10.641	.5
62	MP2B	Z	-18.43	.5
63	MP2B	Mx	.000742	.5
64	MP2B	X	10.641	5.5
65	MP2B	Z	-18.43	5.5
66	MP2B	Mx	.000742	5.5
67	MP2C	X	11.342	.5
68	MP2C	Z	-19.645	.5
69	MP2C	Mx	-.017	.5
70	MP2C	X	11.342	5.5
71	MP2C	Z	-19.645	5.5
72	MP2C	Mx	-.017	5.5
73	MP3A	X	6.574	2
74	MP3A	Z	-11.387	2
75	MP3A	Mx	-.003	2
76	MP3A	X	6.574	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
77	MP3A	Z	-11.387	4
78	MP3A	Mx	-.003	4
79	MP3B	X	5.089	2
80	MP3B	Z	-8.815	2
81	MP3B	Mx	.004	2
82	MP3B	X	5.089	4
83	MP3B	Z	-8.815	4
84	MP3B	Mx	.004	4
85	MP3C	X	5.855	2
86	MP3C	Z	-10.141	2
87	MP3C	Mx	-.004	2
88	MP3C	X	5.855	4
89	MP3C	Z	-10.141	4
90	MP3C	Mx	-.004	4
91	MP1A	X	5.975	2
92	MP1A	Z	-10.349	2
93	MP1A	Mx	.002	2
94	MP1B	X	4.497	2
95	MP1B	Z	-7.79	2
96	MP1B	Mx	-.003	2
97	MP1C	X	5.975	2
98	MP1C	Z	-10.349	2
99	MP1C	Mx	.002	2
100	MP2A	X	5.886	2
101	MP2A	Z	-10.195	2
102	MP2A	Mx	.002	2
103	MP2B	X	4.143	2
104	MP2B	Z	-7.176	2
105	MP2B	Mx	-.003	2
106	MP2C	X	5.886	2
107	MP2C	Z	-10.195	2
108	MP2C	Mx	.002	2
109	OVP	X	11.12	1
110	OVP	Z	-19.261	1
111	OVP	Mx	.004	1
112	MP2B	X	1.891	5
113	MP2B	Z	-3.275	5
114	MP2B	Mx	.003	5
115	MP2B	X	1.891	5
116	MP2B	Z	-3.275	5
117	MP2B	Mx	.000799	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	18.025	.25
2	MP1A	Z	-10.407	.25
3	MP1A	Mx	-.009	.25
4	MP1A	X	18.025	5.75
5	MP1A	Z	-10.407	5.75
6	MP1A	Mx	-.009	5.75
7	MP1B	X	17.555	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
8	MP1B	Z	-10.136	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	17.555	5.75
11	MP1B	Z	-10.136	5.75
12	MP1B	Mx	.01	5.75
13	MP1C	X	19.565	.25
14	MP1C	Z	-11.296	.25
15	MP1C	Mx	-.002	.25
16	MP1C	X	19.565	5.75
17	MP1C	Z	-11.296	5.75
18	MP1C	Mx	-.002	5.75
19	MP4A	X	18.025	.25
20	MP4A	Z	-10.407	.25
21	MP4A	Mx	-.009	.25
22	MP4A	X	18.025	5.75
23	MP4A	Z	-10.407	5.75
24	MP4A	Mx	-.009	5.75
25	MP4B	X	17.555	.25
26	MP4B	Z	-10.136	.25
27	MP4B	Mx	.01	.25
28	MP4B	X	17.555	5.75
29	MP4B	Z	-10.136	5.75
30	MP4B	Mx	.01	5.75
31	MP4C	X	19.565	.25
32	MP4C	Z	-11.296	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	19.565	5.75
35	MP4C	Z	-11.296	5.75
36	MP4C	Mx	-.002	5.75
37	MP2A	X	17.288	.5
38	MP2A	Z	-9.981	.5
39	MP2A	Mx	-.014	.5
40	MP2A	X	17.288	5.5
41	MP2A	Z	-9.981	5.5
42	MP2A	Mx	-.014	5.5
43	MP2B	X	15.749	.5
44	MP2B	Z	-9.093	.5
45	MP2B	Mx	.011	.5
46	MP2B	X	15.749	5.5
47	MP2B	Z	-9.093	5.5
48	MP2B	Mx	.011	5.5
49	MP2C	X	22.326	.5
50	MP2C	Z	-12.89	.5
51	MP2C	Mx	.012	.5
52	MP2C	X	22.326	5.5
53	MP2C	Z	-12.89	5.5
54	MP2C	Mx	.012	5.5
55	MP2A	X	17.288	.5
56	MP2A	Z	-9.981	.5
57	MP2A	Mx	-.003	.5
58	MP2A	X	17.288	5.5
59	MP2A	Z	-9.981	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
60	MP2A	Mx	-.003	5.5
61	MP2B	X	15.749	.5
62	MP2B	Z	-9.093	.5
63	MP2B	Mx	.007	.5
64	MP2B	X	15.749	5.5
65	MP2B	Z	-9.093	5.5
66	MP2B	Mx	.007	5.5
67	MP2C	X	22.326	.5
68	MP2C	Z	-12.89	.5
69	MP2C	Mx	-.016	.5
70	MP2C	X	22.326	5.5
71	MP2C	Z	-12.89	5.5
72	MP2C	Mx	-.016	5.5
73	MP3A	X	7.569	2
74	MP3A	Z	-4.37	2
75	MP3A	Mx	-.004	2
76	MP3A	X	7.569	4
77	MP3A	Z	-4.37	4
78	MP3A	Mx	-.004	4
79	MP3B	X	5.891	2
80	MP3B	Z	-3.401	2
81	MP3B	Mx	.003	2
82	MP3B	X	5.891	4
83	MP3B	Z	-3.401	4
84	MP3B	Mx	.003	4
85	MP3C	X	13.066	2
86	MP3C	Z	-7.544	2
87	MP3C	Mx	-.001	2
88	MP3C	X	13.066	4
89	MP3C	Z	-7.544	4
90	MP3C	Mx	-.001	4
91	MP1A	X	8.643	2
92	MP1A	Z	-4.99	2
93	MP1A	Mx	.003	2
94	MP1B	X	8.643	2
95	MP1B	Z	-4.99	2
96	MP1B	Mx	-.003	2
97	MP1C	X	11.202	2
98	MP1C	Z	-6.467	2
99	MP1C	Mx	0	2
100	MP2A	X	8.182	2
101	MP2A	Z	-4.724	2
102	MP2A	Mx	.003	2
103	MP2B	X	8.182	2
104	MP2B	Z	-4.724	2
105	MP2B	Mx	-.003	2
106	MP2C	X	11.202	2
107	MP2C	Z	-6.467	2
108	MP2C	Mx	0	2
109	OVP	X	21.773	1
110	OVP	Z	-12.571	1
111	OVP	Mx	.007	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
112	MP2B	X	5.195	5
113	MP2B	Z	-2.999	5
114	MP2B	Mx	.006	5
115	MP2B	X	5.195	5
116	MP2B	Z	-2.999	5
117	MP2B	Mx	.004	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	20.197	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.01	.25
4	MP1A	X	20.197	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	-.01	5.75
7	MP1B	X	20.485	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.01	.25
10	MP1B	X	20.485	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	.01	5.75
13	MP1C	X	22.377	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.004	.25
16	MP1C	X	22.377	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	.004	5.75
19	MP4A	X	20.197	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.01	.25
22	MP4A	X	20.197	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	-.01	5.75
25	MP4B	X	20.485	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.01	.25
28	MP4B	X	20.485	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	.01	5.75
31	MP4C	X	22.377	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.004	.25
34	MP4C	X	22.377	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	.004	5.75
37	MP2A	X	17.942	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	-.009	.5
40	MP2A	X	17.942	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	-.009	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
43	MP2B	X	18.888	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	.005	.5
46	MP2B	X	18.888	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	.005	5.5
49	MP2C	X	25.078	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	.017	.5
52	MP2C	X	25.078	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	.017	5.5
55	MP2A	X	17.942	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	-.009	.5
58	MP2A	X	17.942	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	-.009	5.5
61	MP2B	X	18.888	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	.012	.5
64	MP2B	X	18.888	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	.012	5.5
67	MP2C	X	25.078	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	-.008	.5
70	MP2C	X	25.078	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	-.008	5.5
73	MP3A	X	6.536	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.003	2
76	MP3A	X	6.536	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.003	4
79	MP3B	X	7.567	2
80	MP3B	Z	0	2
81	MP3B	Mx	.004	2
82	MP3B	X	7.567	4
83	MP3B	Z	0	4
84	MP3B	Mx	.004	4
85	MP3C	X	14.322	2
86	MP3C	Z	0	2
87	MP3C	Mx	.002	2
88	MP3C	X	14.322	4
89	MP3C	Z	0	4
90	MP3C	Mx	.002	4
91	MP1A	X	8.995	2
92	MP1A	Z	0	2
93	MP1A	Mx	.003	2
94	MP1B	X	11.95	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
95	MP1B	Z	0	2
96	MP1B	Mx	-.002	2
97	MP1C	X	11.95	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.002	2
100	MP2A	X	8.286	2
101	MP2A	Z	0	2
102	MP2A	Mx	.003	2
103	MP2B	X	11.772	2
104	MP2B	Z	0	2
105	MP2B	Mx	-.002	2
106	MP2C	X	11.772	2
107	MP2C	Z	0	2
108	MP2C	Mx	-.002	2
109	OVP	X	26.591	1
110	OVP	Z	0	1
111	OVP	Mx	.009	1
112	MP2B	X	7.107	5
113	MP2B	Z	0	5
114	MP2B	Mx	.007	5
115	MP2B	X	7.107	5
116	MP2B	Z	0	5
117	MP2B	Mx	.007	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	18.025	.25
2	MP1A	Z	10.407	.25
3	MP1A	Mx	-.009	.25
4	MP1A	X	18.025	5.75
5	MP1A	Z	10.407	5.75
6	MP1A	Mx	-.009	5.75
7	MP1B	X	18.746	.25
8	MP1B	Z	10.823	.25
9	MP1B	Mx	.007	.25
10	MP1B	X	18.746	5.75
11	MP1B	Z	10.823	5.75
12	MP1B	Mx	.007	5.75
13	MP1C	X	18.375	.25
14	MP1C	Z	10.609	.25
15	MP1C	Mx	.008	.25
16	MP1C	X	18.375	5.75
17	MP1C	Z	10.609	5.75
18	MP1C	Mx	.008	5.75
19	MP4A	X	18.025	.25
20	MP4A	Z	10.407	.25
21	MP4A	Mx	-.009	.25
22	MP4A	X	18.025	5.75
23	MP4A	Z	10.407	5.75
24	MP4A	Mx	-.009	5.75
25	MP4B	X	18.746	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
26	MP4B	Z	10.823	.25
27	MP4B	Mx	.007	.25
28	MP4B	X	18.746	5.75
29	MP4B	Z	10.823	5.75
30	MP4B	Mx	.007	5.75
31	MP4C	X	18.375	.25
32	MP4C	Z	10.609	.25
33	MP4C	Mx	.008	.25
34	MP4C	X	18.375	5.75
35	MP4C	Z	10.609	5.75
36	MP4C	Mx	.008	5.75
37	MP2A	X	17.288	.5
38	MP2A	Z	9.981	.5
39	MP2A	Mx	-.003	.5
40	MP2A	X	17.288	5.5
41	MP2A	Z	9.981	5.5
42	MP2A	Mx	-.003	5.5
43	MP2B	X	19.645	.5
44	MP2B	Z	11.342	.5
45	MP2B	Mx	-.002	.5
46	MP2B	X	19.645	5.5
47	MP2B	Z	11.342	5.5
48	MP2B	Mx	-.002	5.5
49	MP2C	X	18.43	.5
50	MP2C	Z	10.641	.5
51	MP2C	Mx	.016	.5
52	MP2C	X	18.43	5.5
53	MP2C	Z	10.641	5.5
54	MP2C	Mx	.016	5.5
55	MP2A	X	17.288	.5
56	MP2A	Z	9.981	.5
57	MP2A	Mx	-.014	.5
58	MP2A	X	17.288	5.5
59	MP2A	Z	9.981	5.5
60	MP2A	Mx	-.014	5.5
61	MP2B	X	19.645	.5
62	MP2B	Z	11.342	.5
63	MP2B	Mx	.017	.5
64	MP2B	X	19.645	5.5
65	MP2B	Z	11.342	5.5
66	MP2B	Mx	.017	5.5
67	MP2C	X	18.43	.5
68	MP2C	Z	10.641	.5
69	MP2C	Mx	.000742	.5
70	MP2C	X	18.43	5.5
71	MP2C	Z	10.641	5.5
72	MP2C	Mx	.000742	5.5
73	MP3A	X	7.569	2
74	MP3A	Z	4.37	2
75	MP3A	Mx	-.004	2
76	MP3A	X	7.569	4
77	MP3A	Z	4.37	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
78	MP3A	Mx	-.004	4
79	MP3B	X	10.141	2
80	MP3B	Z	5.855	2
81	MP3B	Mx	.004	2
82	MP3B	X	10.141	4
83	MP3B	Z	5.855	4
84	MP3B	Mx	.004	4
85	MP3C	X	8.815	2
86	MP3C	Z	5.089	2
87	MP3C	Mx	.004	2
88	MP3C	X	8.815	4
89	MP3C	Z	5.089	4
90	MP3C	Mx	.004	4
91	MP1A	X	8.643	2
92	MP1A	Z	4.99	2
93	MP1A	Mx	.003	2
94	MP1B	X	11.202	2
95	MP1B	Z	6.467	2
96	MP1B	Mx	0	2
97	MP1C	X	8.643	2
98	MP1C	Z	4.99	2
99	MP1C	Mx	-.003	2
100	MP2A	X	8.182	2
101	MP2A	Z	4.724	2
102	MP2A	Mx	.003	2
103	MP2B	X	11.202	2
104	MP2B	Z	6.467	2
105	MP2B	Mx	0	2
106	MP2C	X	8.182	2
107	MP2C	Z	4.724	2
108	MP2C	Mx	-.003	2
109	OVP	X	21.773	1
110	OVP	Z	12.571	1
111	OVP	Mx	.007	1
112	MP2B	X	5.195	5
113	MP2B	Z	2.999	5
114	MP2B	Mx	.004	5
115	MP2B	X	5.195	5
116	MP2B	Z	2.999	5
117	MP2B	Mx	.006	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	11.024	.25
2	MP1A	Z	19.095	.25
3	MP1A	Mx	-.006	.25
4	MP1A	X	11.024	5.75
5	MP1A	Z	19.095	5.75
6	MP1A	Mx	-.006	5.75
7	MP1B	X	11.296	.25
8	MP1B	Z	19.565	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
9	MP1B	Mx	.002	.25
10	MP1B	X	11.296	5.75
11	MP1B	Z	19.565	5.75
12	MP1B	Mx	.002	5.75
13	MP1C	X	10.136	.25
14	MP1C	Z	17.555	.25
15	MP1C	Mx	.01	.25
16	MP1C	X	10.136	5.75
17	MP1C	Z	17.555	5.75
18	MP1C	Mx	.01	5.75
19	MP4A	X	11.024	.25
20	MP4A	Z	19.095	.25
21	MP4A	Mx	-.006	.25
22	MP4A	X	11.024	5.75
23	MP4A	Z	19.095	5.75
24	MP4A	Mx	-.006	5.75
25	MP4B	X	11.296	.25
26	MP4B	Z	19.565	.25
27	MP4B	Mx	.002	.25
28	MP4B	X	11.296	5.75
29	MP4B	Z	19.565	5.75
30	MP4B	Mx	.002	5.75
31	MP4C	X	10.136	.25
32	MP4C	Z	17.555	.25
33	MP4C	Mx	.01	.25
34	MP4C	X	10.136	5.75
35	MP4C	Z	17.555	5.75
36	MP4C	Mx	.01	5.75
37	MP2A	X	12.001	.5
38	MP2A	Z	20.787	.5
39	MP2A	Mx	.005	.5
40	MP2A	X	12.001	5.5
41	MP2A	Z	20.787	5.5
42	MP2A	Mx	.005	5.5
43	MP2B	X	12.89	.5
44	MP2B	Z	22.326	.5
45	MP2B	Mx	-.012	.5
46	MP2B	X	12.89	5.5
47	MP2B	Z	22.326	5.5
48	MP2B	Mx	-.012	5.5
49	MP2C	X	9.093	.5
50	MP2C	Z	15.749	.5
51	MP2C	Mx	.011	.5
52	MP2C	X	9.093	5.5
53	MP2C	Z	15.749	5.5
54	MP2C	Mx	.011	5.5
55	MP2A	X	12.001	.5
56	MP2A	Z	20.787	.5
57	MP2A	Mx	-.017	.5
58	MP2A	X	12.001	5.5
59	MP2A	Z	20.787	5.5
60	MP2A	Mx	-.017	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
61	MP2B	X	12.89	.5
62	MP2B	Z	22.326	.5
63	MP2B	Mx	.016	.5
64	MP2B	X	12.89	5.5
65	MP2B	Z	22.326	5.5
66	MP2B	Mx	.016	5.5
67	MP2C	X	9.093	.5
68	MP2C	Z	15.749	.5
69	MP2C	Mx	.007	.5
70	MP2C	X	9.093	5.5
71	MP2C	Z	15.749	5.5
72	MP2C	Mx	.007	5.5
73	MP3A	X	6.574	2
74	MP3A	Z	11.387	2
75	MP3A	Mx	-.003	2
76	MP3A	X	6.574	4
77	MP3A	Z	11.387	4
78	MP3A	Mx	-.003	4
79	MP3B	X	7.544	2
80	MP3B	Z	13.066	2
81	MP3B	Mx	.001	2
82	MP3B	X	7.544	4
83	MP3B	Z	13.066	4
84	MP3B	Mx	.001	4
85	MP3C	X	3.401	2
86	MP3C	Z	5.891	2
87	MP3C	Mx	.003	2
88	MP3C	X	3.401	4
89	MP3C	Z	5.891	4
90	MP3C	Mx	.003	4
91	MP1A	X	5.975	2
92	MP1A	Z	10.349	2
93	MP1A	Mx	.002	2
94	MP1B	X	5.975	2
95	MP1B	Z	10.349	2
96	MP1B	Mx	.002	2
97	MP1C	X	4.497	2
98	MP1C	Z	7.79	2
99	MP1C	Mx	-.003	2
100	MP2A	X	5.886	2
101	MP2A	Z	10.195	2
102	MP2A	Mx	.002	2
103	MP2B	X	5.886	2
104	MP2B	Z	10.195	2
105	MP2B	Mx	.002	2
106	MP2C	X	4.143	2
107	MP2C	Z	7.176	2
108	MP2C	Mx	-.003	2
109	OVP	X	11.12	1
110	OVP	Z	19.261	1
111	OVP	Mx	.004	1
112	MP2B	X	1.891	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
113	MP2B	Z	3.275	5
114	MP2B	Mx	.000799	5
115	MP2B	X	1.891	5
116	MP2B	Z	3.275	5
117	MP2B	Mx	.003	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	22.666	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	22.666	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	22.377	.25
9	MP1B	Mx	-.004	.25
10	MP1B	X	0	5.75
11	MP1B	Z	22.377	5.75
12	MP1B	Mx	-.004	5.75
13	MP1C	X	0	.25
14	MP1C	Z	20.485	.25
15	MP1C	Mx	.01	.25
16	MP1C	X	0	5.75
17	MP1C	Z	20.485	5.75
18	MP1C	Mx	.01	5.75
19	MP4A	X	0	.25
20	MP4A	Z	22.666	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	22.666	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	22.377	.25
27	MP4B	Mx	-.004	.25
28	MP4B	X	0	5.75
29	MP4B	Z	22.377	5.75
30	MP4B	Mx	-.004	5.75
31	MP4C	X	0	.25
32	MP4C	Z	20.485	.25
33	MP4C	Mx	.01	.25
34	MP4C	X	0	5.75
35	MP4C	Z	20.485	5.75
36	MP4C	Mx	.01	5.75
37	MP2A	X	0	.5
38	MP2A	Z	26.023	.5
39	MP2A	Mx	.014	.5
40	MP2A	X	0	5.5
41	MP2A	Z	26.023	5.5
42	MP2A	Mx	.014	5.5
43	MP2B	X	0	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
44	MP2B	Z	25.078	.5
45	MP2B	Mx	-.017	.5
46	MP2B	X	0	5.5
47	MP2B	Z	25.078	5.5
48	MP2B	Mx	-.017	5.5
49	MP2C	X	0	.5
50	MP2C	Z	18.888	.5
51	MP2C	Mx	.005	.5
52	MP2C	X	0	5.5
53	MP2C	Z	18.888	5.5
54	MP2C	Mx	.005	5.5
55	MP2A	X	0	.5
56	MP2A	Z	26.023	.5
57	MP2A	Mx	-.014	.5
58	MP2A	X	0	5.5
59	MP2A	Z	26.023	5.5
60	MP2A	Mx	-.014	5.5
61	MP2B	X	0	.5
62	MP2B	Z	25.078	.5
63	MP2B	Mx	.008	.5
64	MP2B	X	0	5.5
65	MP2B	Z	25.078	5.5
66	MP2B	Mx	.008	5.5
67	MP2C	X	0	.5
68	MP2C	Z	18.888	.5
69	MP2C	Mx	.012	.5
70	MP2C	X	0	5.5
71	MP2C	Z	18.888	5.5
72	MP2C	Mx	.012	5.5
73	MP3A	X	0	2
74	MP3A	Z	15.353	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	15.353	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	14.322	2
81	MP3B	Mx	-.002	2
82	MP3B	X	0	4
83	MP3B	Z	14.322	4
84	MP3B	Mx	-.002	4
85	MP3C	X	0	2
86	MP3C	Z	7.567	2
87	MP3C	Mx	.004	2
88	MP3C	X	0	4
89	MP3C	Z	7.567	4
90	MP3C	Mx	.004	4
91	MP1A	X	0	2
92	MP1A	Z	12.935	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	9.98	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
96	MP1B	Mx	.003	2
97	MP1C	X	0	2
98	MP1C	Z	9.98	2
99	MP1C	Mx	-.003	2
100	MP2A	X	0	2
101	MP2A	Z	12.935	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	9.448	2
105	MP2B	Mx	.003	2
106	MP2C	X	0	2
107	MP2C	Z	9.448	2
108	MP2C	Mx	-.003	2
109	OVP	X	0	1
110	OVP	Z	20.791	1
111	OVP	Mx	0	1
112	MP2B	X	0	5
113	MP2B	Z	2.674	5
114	MP2B	Mx	-.000891	5
115	MP2B	X	0	5
116	MP2B	Z	2.674	5
117	MP2B	Mx	.000891	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-11.024	.25
2	MP1A	Z	19.095	.25
3	MP1A	Mx	.006	.25
4	MP1A	X	-11.024	5.75
5	MP1A	Z	19.095	5.75
6	MP1A	Mx	.006	5.75
7	MP1B	X	-10.609	.25
8	MP1B	Z	18.375	.25
9	MP1B	Mx	-.008	.25
10	MP1B	X	-10.609	5.75
11	MP1B	Z	18.375	5.75
12	MP1B	Mx	-.008	5.75
13	MP1C	X	-10.823	.25
14	MP1C	Z	18.746	.25
15	MP1C	Mx	.007	.25
16	MP1C	X	-10.823	5.75
17	MP1C	Z	18.746	5.75
18	MP1C	Mx	.007	5.75
19	MP4A	X	-11.024	.25
20	MP4A	Z	19.095	.25
21	MP4A	Mx	.006	.25
22	MP4A	X	-11.024	5.75
23	MP4A	Z	19.095	5.75
24	MP4A	Mx	.006	5.75
25	MP4B	X	-10.609	.25
26	MP4B	Z	18.375	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
27	MP4B	Mx	-.008	.25
28	MP4B	X	-10.609	5.75
29	MP4B	Z	18.375	5.75
30	MP4B	Mx	-.008	5.75
31	MP4C	X	-10.823	.25
32	MP4C	Z	18.746	.25
33	MP4C	Mx	.007	.25
34	MP4C	X	-10.823	5.75
35	MP4C	Z	18.746	5.75
36	MP4C	Mx	.007	5.75
37	MP2A	X	-12.001	.5
38	MP2A	Z	20.787	.5
39	MP2A	Mx	.017	.5
40	MP2A	X	-12.001	5.5
41	MP2A	Z	20.787	5.5
42	MP2A	Mx	.017	5.5
43	MP2B	X	-10.641	.5
44	MP2B	Z	18.43	.5
45	MP2B	Mx	-.016	.5
46	MP2B	X	-10.641	5.5
47	MP2B	Z	18.43	5.5
48	MP2B	Mx	-.016	5.5
49	MP2C	X	-11.342	.5
50	MP2C	Z	19.645	.5
51	MP2C	Mx	-.002	.5
52	MP2C	X	-11.342	5.5
53	MP2C	Z	19.645	5.5
54	MP2C	Mx	-.002	5.5
55	MP2A	X	-12.001	.5
56	MP2A	Z	20.787	.5
57	MP2A	Mx	-.005	.5
58	MP2A	X	-12.001	5.5
59	MP2A	Z	20.787	5.5
60	MP2A	Mx	-.005	5.5
61	MP2B	X	-10.641	.5
62	MP2B	Z	18.43	.5
63	MP2B	Mx	-.000742	.5
64	MP2B	X	-10.641	5.5
65	MP2B	Z	18.43	5.5
66	MP2B	Mx	-.000742	5.5
67	MP2C	X	-11.342	.5
68	MP2C	Z	19.645	.5
69	MP2C	Mx	.017	.5
70	MP2C	X	-11.342	5.5
71	MP2C	Z	19.645	5.5
72	MP2C	Mx	.017	5.5
73	MP3A	X	-6.574	2
74	MP3A	Z	11.387	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.574	4
77	MP3A	Z	11.387	4
78	MP3A	Mx	.003	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
79	MP3B	X	-5.089	2
80	MP3B	Z	8.815	2
81	MP3B	Mx	-.004	2
82	MP3B	X	-5.089	4
83	MP3B	Z	8.815	4
84	MP3B	Mx	-.004	4
85	MP3C	X	-5.855	2
86	MP3C	Z	10.141	2
87	MP3C	Mx	.004	2
88	MP3C	X	-5.855	4
89	MP3C	Z	10.141	4
90	MP3C	Mx	.004	4
91	MP1A	X	-5.975	2
92	MP1A	Z	10.349	2
93	MP1A	Mx	-.002	2
94	MP1B	X	-4.497	2
95	MP1B	Z	7.79	2
96	MP1B	Mx	.003	2
97	MP1C	X	-5.975	2
98	MP1C	Z	10.349	2
99	MP1C	Mx	-.002	2
100	MP2A	X	-5.886	2
101	MP2A	Z	10.195	2
102	MP2A	Mx	-.002	2
103	MP2B	X	-4.143	2
104	MP2B	Z	7.176	2
105	MP2B	Mx	.003	2
106	MP2C	X	-5.886	2
107	MP2C	Z	10.195	2
108	MP2C	Mx	-.002	2
109	OVP	X	-11.12	1
110	OVP	Z	19.261	1
111	OVP	Mx	-.004	1
112	MP2B	X	-1.891	5
113	MP2B	Z	3.275	5
114	MP2B	Mx	-.003	5
115	MP2B	X	-1.891	5
116	MP2B	Z	3.275	5
117	MP2B	Mx	-.000799	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-18.025	.25
2	MP1A	Z	10.407	.25
3	MP1A	Mx	.009	.25
4	MP1A	X	-18.025	5.75
5	MP1A	Z	10.407	5.75
6	MP1A	Mx	.009	5.75
7	MP1B	X	-17.555	.25
8	MP1B	Z	10.136	.25
9	MP1B	Mx	-.01	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
10	MP1B	X	-17.555	5.75
11	MP1B	Z	10.136	5.75
12	MP1B	Mx	-.01	5.75
13	MP1C	X	-19.565	.25
14	MP1C	Z	11.296	.25
15	MP1C	Mx	.002	.25
16	MP1C	X	-19.565	5.75
17	MP1C	Z	11.296	5.75
18	MP1C	Mx	.002	5.75
19	MP4A	X	-18.025	.25
20	MP4A	Z	10.407	.25
21	MP4A	Mx	.009	.25
22	MP4A	X	-18.025	5.75
23	MP4A	Z	10.407	5.75
24	MP4A	Mx	.009	5.75
25	MP4B	X	-17.555	.25
26	MP4B	Z	10.136	.25
27	MP4B	Mx	-.01	.25
28	MP4B	X	-17.555	5.75
29	MP4B	Z	10.136	5.75
30	MP4B	Mx	-.01	5.75
31	MP4C	X	-19.565	.25
32	MP4C	Z	11.296	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	-19.565	5.75
35	MP4C	Z	11.296	5.75
36	MP4C	Mx	.002	5.75
37	MP2A	X	-17.288	.5
38	MP2A	Z	9.981	.5
39	MP2A	Mx	.014	.5
40	MP2A	X	-17.288	5.5
41	MP2A	Z	9.981	5.5
42	MP2A	Mx	.014	5.5
43	MP2B	X	-15.749	.5
44	MP2B	Z	9.093	.5
45	MP2B	Mx	-.011	.5
46	MP2B	X	-15.749	5.5
47	MP2B	Z	9.093	5.5
48	MP2B	Mx	-.011	5.5
49	MP2C	X	-22.326	.5
50	MP2C	Z	12.89	.5
51	MP2C	Mx	-.012	.5
52	MP2C	X	-22.326	5.5
53	MP2C	Z	12.89	5.5
54	MP2C	Mx	-.012	5.5
55	MP2A	X	-17.288	.5
56	MP2A	Z	9.981	.5
57	MP2A	Mx	.003	.5
58	MP2A	X	-17.288	5.5
59	MP2A	Z	9.981	5.5
60	MP2A	Mx	.003	5.5
61	MP2B	X	-15.749	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
62	MP2B	Z	9.093	.5
63	MP2B	Mx	-.007	.5
64	MP2B	X	-15.749	5.5
65	MP2B	Z	9.093	5.5
66	MP2B	Mx	-.007	5.5
67	MP2C	X	-22.326	.5
68	MP2C	Z	12.89	.5
69	MP2C	Mx	.016	.5
70	MP2C	X	-22.326	5.5
71	MP2C	Z	12.89	5.5
72	MP2C	Mx	.016	5.5
73	MP3A	X	-7.569	2
74	MP3A	Z	4.37	2
75	MP3A	Mx	.004	2
76	MP3A	X	-7.569	4
77	MP3A	Z	4.37	4
78	MP3A	Mx	.004	4
79	MP3B	X	-5.891	2
80	MP3B	Z	3.401	2
81	MP3B	Mx	-.003	2
82	MP3B	X	-5.891	4
83	MP3B	Z	3.401	4
84	MP3B	Mx	-.003	4
85	MP3C	X	-13.066	2
86	MP3C	Z	7.544	2
87	MP3C	Mx	.001	2
88	MP3C	X	-13.066	4
89	MP3C	Z	7.544	4
90	MP3C	Mx	.001	4
91	MP1A	X	-8.643	2
92	MP1A	Z	4.99	2
93	MP1A	Mx	-.003	2
94	MP1B	X	-8.643	2
95	MP1B	Z	4.99	2
96	MP1B	Mx	.003	2
97	MP1C	X	-11.202	2
98	MP1C	Z	6.467	2
99	MP1C	Mx	0	2
100	MP2A	X	-8.182	2
101	MP2A	Z	4.724	2
102	MP2A	Mx	-.003	2
103	MP2B	X	-8.182	2
104	MP2B	Z	4.724	2
105	MP2B	Mx	.003	2
106	MP2C	X	-11.202	2
107	MP2C	Z	6.467	2
108	MP2C	Mx	0	2
109	OVP	X	-21.773	1
110	OVP	Z	12.571	1
111	OVP	Mx	-.007	1
112	MP2B	X	-5.195	5
113	MP2B	Z	2.999	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
114	MP2B	Mx	-.006	5
115	MP2B	X	-5.195	5
116	MP2B	Z	2.999	5
117	MP2B	Mx	-.004	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-20.197	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.01	.25
4	MP1A	X	-20.197	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	.01	5.75
7	MP1B	X	-20.485	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.01	.25
10	MP1B	X	-20.485	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	-.01	5.75
13	MP1C	X	-22.377	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.004	.25
16	MP1C	X	-22.377	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	-.004	5.75
19	MP4A	X	-20.197	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.01	.25
22	MP4A	X	-20.197	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	.01	5.75
25	MP4B	X	-20.485	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.01	.25
28	MP4B	X	-20.485	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	-.01	5.75
31	MP4C	X	-22.377	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.004	.25
34	MP4C	X	-22.377	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	-.004	5.75
37	MP2A	X	-17.942	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	.009	.5
40	MP2A	X	-17.942	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	.009	5.5
43	MP2B	X	-18.888	.5
44	MP2B	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
45	MP2B	Mx	-.005	.5
46	MP2B	X	-18.888	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	-.005	5.5
49	MP2C	X	-25.078	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	-.017	.5
52	MP2C	X	-25.078	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	-.017	5.5
55	MP2A	X	-17.942	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	.009	.5
58	MP2A	X	-17.942	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	.009	5.5
61	MP2B	X	-18.888	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	-.012	.5
64	MP2B	X	-18.888	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	-.012	5.5
67	MP2C	X	-25.078	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	.008	.5
70	MP2C	X	-25.078	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	.008	5.5
73	MP3A	X	-6.536	2
74	MP3A	Z	0	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.536	4
77	MP3A	Z	0	4
78	MP3A	Mx	.003	4
79	MP3B	X	-7.567	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.004	2
82	MP3B	X	-7.567	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.004	4
85	MP3C	X	-14.322	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.002	2
88	MP3C	X	-14.322	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.002	4
91	MP1A	X	-8.995	2
92	MP1A	Z	0	2
93	MP1A	Mx	-.003	2
94	MP1B	X	-11.95	2
95	MP1B	Z	0	2
96	MP1B	Mx	.002	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
97	MP1C	X	-11.95	2
98	MP1C	Z	0	2
99	MP1C	Mx	.002	2
100	MP2A	X	-8.286	2
101	MP2A	Z	0	2
102	MP2A	Mx	-.003	2
103	MP2B	X	-11.772	2
104	MP2B	Z	0	2
105	MP2B	Mx	.002	2
106	MP2C	X	-11.772	2
107	MP2C	Z	0	2
108	MP2C	Mx	.002	2
109	OVP	X	-26.591	1
110	OVP	Z	0	1
111	OVP	Mx	-.009	1
112	MP2B	X	-7.107	5
113	MP2B	Z	0	5
114	MP2B	Mx	-.007	5
115	MP2B	X	-7.107	5
116	MP2B	Z	0	5
117	MP2B	Mx	-.007	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-18.025	.25
2	MP1A	Z	-10.407	.25
3	MP1A	Mx	.009	.25
4	MP1A	X	-18.025	5.75
5	MP1A	Z	-10.407	5.75
6	MP1A	Mx	.009	5.75
7	MP1B	X	-18.746	.25
8	MP1B	Z	-10.823	.25
9	MP1B	Mx	-.007	.25
10	MP1B	X	-18.746	5.75
11	MP1B	Z	-10.823	5.75
12	MP1B	Mx	-.007	5.75
13	MP1C	X	-18.375	.25
14	MP1C	Z	-10.609	.25
15	MP1C	Mx	-.008	.25
16	MP1C	X	-18.375	5.75
17	MP1C	Z	-10.609	5.75
18	MP1C	Mx	-.008	5.75
19	MP4A	X	-18.025	.25
20	MP4A	Z	-10.407	.25
21	MP4A	Mx	.009	.25
22	MP4A	X	-18.025	5.75
23	MP4A	Z	-10.407	5.75
24	MP4A	Mx	.009	5.75
25	MP4B	X	-18.746	.25
26	MP4B	Z	-10.823	.25
27	MP4B	Mx	-.007	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
28	MP4B	X	-18.746	5.75
29	MP4B	Z	-10.823	5.75
30	MP4B	Mx	-.007	5.75
31	MP4C	X	-18.375	.25
32	MP4C	Z	-10.609	.25
33	MP4C	Mx	-.008	.25
34	MP4C	X	-18.375	5.75
35	MP4C	Z	-10.609	5.75
36	MP4C	Mx	-.008	5.75
37	MP2A	X	-17.288	.5
38	MP2A	Z	-9.981	.5
39	MP2A	Mx	.003	.5
40	MP2A	X	-17.288	5.5
41	MP2A	Z	-9.981	5.5
42	MP2A	Mx	.003	5.5
43	MP2B	X	-19.645	.5
44	MP2B	Z	-11.342	.5
45	MP2B	Mx	.002	.5
46	MP2B	X	-19.645	5.5
47	MP2B	Z	-11.342	5.5
48	MP2B	Mx	.002	5.5
49	MP2C	X	-18.43	.5
50	MP2C	Z	-10.641	.5
51	MP2C	Mx	-.016	.5
52	MP2C	X	-18.43	5.5
53	MP2C	Z	-10.641	5.5
54	MP2C	Mx	-.016	5.5
55	MP2A	X	-17.288	.5
56	MP2A	Z	-9.981	.5
57	MP2A	Mx	.014	.5
58	MP2A	X	-17.288	5.5
59	MP2A	Z	-9.981	5.5
60	MP2A	Mx	.014	5.5
61	MP2B	X	-19.645	.5
62	MP2B	Z	-11.342	.5
63	MP2B	Mx	-.017	.5
64	MP2B	X	-19.645	5.5
65	MP2B	Z	-11.342	5.5
66	MP2B	Mx	-.017	5.5
67	MP2C	X	-18.43	.5
68	MP2C	Z	-10.641	.5
69	MP2C	Mx	-.000742	.5
70	MP2C	X	-18.43	5.5
71	MP2C	Z	-10.641	5.5
72	MP2C	Mx	-.000742	5.5
73	MP3A	X	-7.569	2
74	MP3A	Z	-4.37	2
75	MP3A	Mx	.004	2
76	MP3A	X	-7.569	4
77	MP3A	Z	-4.37	4
78	MP3A	Mx	.004	4
79	MP3B	X	-10.141	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
80	MP3B	Z	-5.855	2
81	MP3B	Mx	-.004	2
82	MP3B	X	-10.141	4
83	MP3B	Z	-5.855	4
84	MP3B	Mx	-.004	4
85	MP3C	X	-8.815	2
86	MP3C	Z	-5.089	2
87	MP3C	Mx	-.004	2
88	MP3C	X	-8.815	4
89	MP3C	Z	-5.089	4
90	MP3C	Mx	-.004	4
91	MP1A	X	-8.643	2
92	MP1A	Z	-4.99	2
93	MP1A	Mx	-.003	2
94	MP1B	X	-11.202	2
95	MP1B	Z	-6.467	2
96	MP1B	Mx	0	2
97	MP1C	X	-8.643	2
98	MP1C	Z	-4.99	2
99	MP1C	Mx	.003	2
100	MP2A	X	-8.182	2
101	MP2A	Z	-4.724	2
102	MP2A	Mx	-.003	2
103	MP2B	X	-11.202	2
104	MP2B	Z	-6.467	2
105	MP2B	Mx	0	2
106	MP2C	X	-8.182	2
107	MP2C	Z	-4.724	2
108	MP2C	Mx	.003	2
109	OVP	X	-21.773	1
110	OVP	Z	-12.571	1
111	OVP	Mx	-.007	1
112	MP2B	X	-5.195	5
113	MP2B	Z	-2.999	5
114	MP2B	Mx	-.004	5
115	MP2B	X	-5.195	5
116	MP2B	Z	-2.999	5
117	MP2B	Mx	-.006	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-11.024	.25
2	MP1A	Z	-19.095	.25
3	MP1A	Mx	.006	.25
4	MP1A	X	-11.024	5.75
5	MP1A	Z	-19.095	5.75
6	MP1A	Mx	.006	5.75
7	MP1B	X	-11.296	.25
8	MP1B	Z	-19.565	.25
9	MP1B	Mx	-.002	.25
10	MP1B	X	-11.296	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
11	MP1B	Z	-19.565	5.75
12	MP1B	Mx	-.002	5.75
13	MP1C	X	-10.136	.25
14	MP1C	Z	-17.555	.25
15	MP1C	Mx	-.01	.25
16	MP1C	X	-10.136	5.75
17	MP1C	Z	-17.555	5.75
18	MP1C	Mx	-.01	5.75
19	MP4A	X	-11.024	.25
20	MP4A	Z	-19.095	.25
21	MP4A	Mx	.006	.25
22	MP4A	X	-11.024	5.75
23	MP4A	Z	-19.095	5.75
24	MP4A	Mx	.006	5.75
25	MP4B	X	-11.296	.25
26	MP4B	Z	-19.565	.25
27	MP4B	Mx	-.002	.25
28	MP4B	X	-11.296	5.75
29	MP4B	Z	-19.565	5.75
30	MP4B	Mx	-.002	5.75
31	MP4C	X	-10.136	.25
32	MP4C	Z	-17.555	.25
33	MP4C	Mx	-.01	.25
34	MP4C	X	-10.136	5.75
35	MP4C	Z	-17.555	5.75
36	MP4C	Mx	-.01	5.75
37	MP2A	X	-12.001	.5
38	MP2A	Z	-20.787	.5
39	MP2A	Mx	-.005	.5
40	MP2A	X	-12.001	5.5
41	MP2A	Z	-20.787	5.5
42	MP2A	Mx	-.005	5.5
43	MP2B	X	-12.89	.5
44	MP2B	Z	-22.326	.5
45	MP2B	Mx	.012	.5
46	MP2B	X	-12.89	5.5
47	MP2B	Z	-22.326	5.5
48	MP2B	Mx	.012	5.5
49	MP2C	X	-9.093	.5
50	MP2C	Z	-15.749	.5
51	MP2C	Mx	-.011	.5
52	MP2C	X	-9.093	5.5
53	MP2C	Z	-15.749	5.5
54	MP2C	Mx	-.011	5.5
55	MP2A	X	-12.001	.5
56	MP2A	Z	-20.787	.5
57	MP2A	Mx	.017	.5
58	MP2A	X	-12.001	5.5
59	MP2A	Z	-20.787	5.5
60	MP2A	Mx	.017	5.5
61	MP2B	X	-12.89	.5
62	MP2B	Z	-22.326	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
63	MP2B	Mx	-.016	.5
64	MP2B	X	-12.89	5.5
65	MP2B	Z	-22.326	5.5
66	MP2B	Mx	-.016	5.5
67	MP2C	X	-9.093	.5
68	MP2C	Z	-15.749	.5
69	MP2C	Mx	-.007	.5
70	MP2C	X	-9.093	5.5
71	MP2C	Z	-15.749	5.5
72	MP2C	Mx	-.007	5.5
73	MP3A	X	-6.574	2
74	MP3A	Z	-11.387	2
75	MP3A	Mx	.003	2
76	MP3A	X	-6.574	4
77	MP3A	Z	-11.387	4
78	MP3A	Mx	.003	4
79	MP3B	X	-7.544	2
80	MP3B	Z	-13.066	2
81	MP3B	Mx	-.001	2
82	MP3B	X	-7.544	4
83	MP3B	Z	-13.066	4
84	MP3B	Mx	-.001	4
85	MP3C	X	-3.401	2
86	MP3C	Z	-5.891	2
87	MP3C	Mx	-.003	2
88	MP3C	X	-3.401	4
89	MP3C	Z	-5.891	4
90	MP3C	Mx	-.003	4
91	MP1A	X	-5.975	2
92	MP1A	Z	-10.349	2
93	MP1A	Mx	-.002	2
94	MP1B	X	-5.975	2
95	MP1B	Z	-10.349	2
96	MP1B	Mx	-.002	2
97	MP1C	X	-4.497	2
98	MP1C	Z	-7.79	2
99	MP1C	Mx	.003	2
100	MP2A	X	-5.886	2
101	MP2A	Z	-10.195	2
102	MP2A	Mx	-.002	2
103	MP2B	X	-5.886	2
104	MP2B	Z	-10.195	2
105	MP2B	Mx	-.002	2
106	MP2C	X	-4.143	2
107	MP2C	Z	-7.176	2
108	MP2C	Mx	.003	2
109	OVP	X	-11.12	1
110	OVP	Z	-19.261	1
111	OVP	Mx	-.004	1
112	MP2B	X	-1.891	5
113	MP2B	Z	-3.275	5
114	MP2B	Mx	-.000799	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
115	MP2B	X	-1.891	5
116	MP2B	Z	-3.275	5
117	MP2B	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	-7.345	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	-7.345	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	-7.236	.25
9	MP1B	Mx	.001	.25
10	MP1B	X	0	5.75
11	MP1B	Z	-7.236	5.75
12	MP1B	Mx	.001	5.75
13	MP1C	X	0	.25
14	MP1C	Z	-6.525	.25
15	MP1C	Mx	-.003	.25
16	MP1C	X	0	5.75
17	MP1C	Z	-6.525	5.75
18	MP1C	Mx	-.003	5.75
19	MP4A	X	0	.25
20	MP4A	Z	-7.345	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	-7.345	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	-7.236	.25
27	MP4B	Mx	.001	.25
28	MP4B	X	0	5.75
29	MP4B	Z	-7.236	5.75
30	MP4B	Mx	.001	5.75
31	MP4C	X	0	.25
32	MP4C	Z	-6.525	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	0	5.75
35	MP4C	Z	-6.525	5.75
36	MP4C	Mx	-.003	5.75
37	MP2A	X	0	.5
38	MP2A	Z	-5.74	.5
39	MP2A	Mx	-.003	.5
40	MP2A	X	0	5.5
41	MP2A	Z	-5.74	5.5
42	MP2A	Mx	-.003	5.5
43	MP2B	X	0	.5
44	MP2B	Z	-5.358	.5
45	MP2B	Mx	.004	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
46	MP2B	X	0	5.5
47	MP2B	Z	-5.358	5.5
48	MP2B	Mx	.004	5.5
49	MP2C	X	0	.5
50	MP2C	Z	-2.852	.5
51	MP2C	Mx	-.000812	.5
52	MP2C	X	0	5.5
53	MP2C	Z	-2.852	5.5
54	MP2C	Mx	-.000812	5.5
55	MP2A	X	0	.5
56	MP2A	Z	-5.74	.5
57	MP2A	Mx	.003	.5
58	MP2A	X	0	5.5
59	MP2A	Z	-5.74	5.5
60	MP2A	Mx	.003	5.5
61	MP2B	X	0	.5
62	MP2B	Z	-5.358	.5
63	MP2B	Mx	-.002	.5
64	MP2B	X	0	5.5
65	MP2B	Z	-5.358	5.5
66	MP2B	Mx	-.002	5.5
67	MP2C	X	0	.5
68	MP2C	Z	-2.852	.5
69	MP2C	Mx	-.002	.5
70	MP2C	X	0	5.5
71	MP2C	Z	-2.852	5.5
72	MP2C	Mx	-.002	5.5
73	MP3A	X	0	2
74	MP3A	Z	-4.084	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	-4.084	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	-3.771	2
81	MP3B	Mx	.000645	2
82	MP3B	X	0	4
83	MP3B	Z	-3.771	4
84	MP3B	Mx	.000645	4
85	MP3C	X	0	2
86	MP3C	Z	-1.72	2
87	MP3C	Mx	-.000808	2
88	MP3C	X	0	4
89	MP3C	Z	-1.72	4
90	MP3C	Mx	-.000808	4
91	MP1A	X	0	2
92	MP1A	Z	-3.23	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	-2.433	2
96	MP1B	Mx	-.000702	2
97	MP1C	X	0	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
98	MP1C	Z	-2.433	2
99	MP1C	Mx	.000702	2
100	MP2A	X	0	2
101	MP2A	Z	-3.23	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	-2.276	2
105	MP2B	Mx	-.000657	2
106	MP2C	X	0	2
107	MP2C	Z	-2.276	2
108	MP2C	Mx	.000657	2
109	OVP	X	0	1
110	OVP	Z	-5.022	1
111	OVP	Mx	0	1
112	MP2B	X	0	5
113	MP2B	Z	-2	5
114	MP2B	Mx	.000667	5
115	MP2B	X	0	5
116	MP2B	Z	-2	5
117	MP2B	Mx	-.000667	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	3.556	.25
2	MP1A	Z	-6.16	.25
3	MP1A	Mx	-.002	.25
4	MP1A	X	3.556	5.75
5	MP1A	Z	-6.16	5.75
6	MP1A	Mx	-.002	5.75
7	MP1B	X	3.4	.25
8	MP1B	Z	-5.889	.25
9	MP1B	Mx	.003	.25
10	MP1B	X	3.4	5.75
11	MP1B	Z	-5.889	5.75
12	MP1B	Mx	.003	5.75
13	MP1C	X	3.48	.25
14	MP1C	Z	-6.028	.25
15	MP1C	Mx	-.002	.25
16	MP1C	X	3.48	5.75
17	MP1C	Z	-6.028	5.75
18	MP1C	Mx	-.002	5.75
19	MP4A	X	3.556	.25
20	MP4A	Z	-6.16	.25
21	MP4A	Mx	-.002	.25
22	MP4A	X	3.556	5.75
23	MP4A	Z	-6.16	5.75
24	MP4A	Mx	-.002	5.75
25	MP4B	X	3.4	.25
26	MP4B	Z	-5.889	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	3.4	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
29	MP4B	Z	-5.889	5.75
30	MP4B	Mx	.003	5.75
31	MP4C	X	3.48	.25
32	MP4C	Z	-6.028	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	3.48	5.75
35	MP4C	Z	-6.028	5.75
36	MP4C	Mx	-.002	5.75
37	MP2A	X	2.461	.5
38	MP2A	Z	-4.263	.5
39	MP2A	Mx	-.004	.5
40	MP2A	X	2.461	5.5
41	MP2A	Z	-4.263	5.5
42	MP2A	Mx	-.004	5.5
43	MP2B	X	1.91	.5
44	MP2B	Z	-3.309	.5
45	MP2B	Mx	.003	.5
46	MP2B	X	1.91	5.5
47	MP2B	Z	-3.309	5.5
48	MP2B	Mx	.003	5.5
49	MP2C	X	2.194	.5
50	MP2C	Z	-3.801	.5
51	MP2C	Mx	.00041	.5
52	MP2C	X	2.194	5.5
53	MP2C	Z	-3.801	5.5
54	MP2C	Mx	.00041	5.5
55	MP2A	X	2.461	.5
56	MP2A	Z	-4.263	.5
57	MP2A	Mx	.001	.5
58	MP2A	X	2.461	5.5
59	MP2A	Z	-4.263	5.5
60	MP2A	Mx	.001	5.5
61	MP2B	X	1.91	.5
62	MP2B	Z	-3.309	.5
63	MP2B	Mx	.000133	.5
64	MP2B	X	1.91	5.5
65	MP2B	Z	-3.309	5.5
66	MP2B	Mx	.000133	5.5
67	MP2C	X	2.194	.5
68	MP2C	Z	-3.801	.5
69	MP2C	Mx	-.003	.5
70	MP2C	X	2.194	5.5
71	MP2C	Z	-3.801	5.5
72	MP2C	Mx	-.003	5.5
73	MP3A	X	1.707	2
74	MP3A	Z	-2.957	2
75	MP3A	Mx	-.000854	2
76	MP3A	X	1.707	4
77	MP3A	Z	-2.957	4
78	MP3A	Mx	-.000854	4
79	MP3B	X	1.256	2
80	MP3B	Z	-2.176	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
81	MP3B	Mx	.000962	2
82	MP3B	X	1.256	4
83	MP3B	Z	-2.176	4
84	MP3B	Mx	.000962	4
85	MP3C	X	1.489	2
86	MP3C	Z	-2.579	2
87	MP3C	Mx	-.000957	2
88	MP3C	X	1.489	4
89	MP3C	Z	-2.579	4
90	MP3C	Mx	-.000957	4
91	MP1A	X	1.482	2
92	MP1A	Z	-2.567	2
93	MP1A	Mx	.000494	2
94	MP1B	X	1.083	2
95	MP1B	Z	-1.877	2
96	MP1B	Mx	-.000722	2
97	MP1C	X	1.482	2
98	MP1C	Z	-2.567	2
99	MP1C	Mx	.000494	2
100	MP2A	X	1.456	2
101	MP2A	Z	-2.522	2
102	MP2A	Mx	.000485	2
103	MP2B	X	.979	2
104	MP2B	Z	-1.696	2
105	MP2B	Mx	-.000653	2
106	MP2C	X	1.456	2
107	MP2C	Z	-2.522	2
108	MP2C	Mx	.000485	2
109	OVP	X	2.709	1
110	OVP	Z	-4.692	1
111	OVP	Mx	.000903	1
112	MP2B	X	1.001	5
113	MP2B	Z	-1.734	5
114	MP2B	Mx	.002	5
115	MP2B	X	1.001	5
116	MP2B	Z	-1.734	5
117	MP2B	Mx	.000423	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	5.757	.25
2	MP1A	Z	-3.324	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	5.757	5.75
5	MP1A	Z	-3.324	5.75
6	MP1A	Mx	-.003	5.75
7	MP1B	X	5.581	.25
8	MP1B	Z	-3.222	.25
9	MP1B	Mx	.003	.25
10	MP1B	X	5.581	5.75
11	MP1B	Z	-3.222	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
12	MP1B	Mx	.003	5.75
13	MP1C	X	6.337	.25
14	MP1C	Z	-3.658	.25
15	MP1C	Mx	-.000635	.25
16	MP1C	X	6.337	5.75
17	MP1C	Z	-3.658	5.75
18	MP1C	Mx	-.000635	5.75
19	MP4A	X	5.757	.25
20	MP4A	Z	-3.324	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	5.757	5.75
23	MP4A	Z	-3.324	5.75
24	MP4A	Mx	-.003	5.75
25	MP4B	X	5.581	.25
26	MP4B	Z	-3.222	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	5.581	5.75
29	MP4B	Z	-3.222	5.75
30	MP4B	Mx	.003	5.75
31	MP4C	X	6.337	.25
32	MP4C	Z	-3.658	.25
33	MP4C	Mx	-.000635	.25
34	MP4C	X	6.337	5.75
35	MP4C	Z	-3.658	5.75
36	MP4C	Mx	-.000635	5.75
37	MP2A	X	2.847	.5
38	MP2A	Z	-1.643	.5
39	MP2A	Mx	-.002	.5
40	MP2A	X	2.847	5.5
41	MP2A	Z	-1.643	5.5
42	MP2A	Mx	-.002	5.5
43	MP2B	X	2.224	.5
44	MP2B	Z	-1.284	.5
45	MP2B	Mx	.002	.5
46	MP2B	X	2.224	5.5
47	MP2B	Z	-1.284	5.5
48	MP2B	Mx	.002	5.5
49	MP2C	X	4.886	.5
50	MP2C	Z	-2.821	.5
51	MP2C	Mx	.003	.5
52	MP2C	X	4.886	5.5
53	MP2C	Z	-2.821	5.5
54	MP2C	Mx	.003	5.5
55	MP2A	X	2.847	.5
56	MP2A	Z	-1.643	.5
57	MP2A	Mx	-.000534	.5
58	MP2A	X	2.847	5.5
59	MP2A	Z	-1.643	5.5
60	MP2A	Mx	-.000534	5.5
61	MP2B	X	2.224	.5
62	MP2B	Z	-1.284	.5
63	MP2B	Mx	.001	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
64	MP2B	X	2.224	5.5
65	MP2B	Z	-1.284	5.5
66	MP2B	Mx	.001	5.5
67	MP2C	X	4.886	.5
68	MP2C	Z	-2.821	.5
69	MP2C	Mx	-.003	.5
70	MP2C	X	4.886	5.5
71	MP2C	Z	-2.821	5.5
72	MP2C	Mx	-.003	5.5
73	MP3A	X	1.798	2
74	MP3A	Z	-1.038	2
75	MP3A	Mx	-.000899	2
76	MP3A	X	1.798	4
77	MP3A	Z	-1.038	4
78	MP3A	Mx	-.000899	4
79	MP3B	X	1.288	2
80	MP3B	Z	-.744	2
81	MP3B	Mx	.000732	2
82	MP3B	X	1.288	4
83	MP3B	Z	-.744	4
84	MP3B	Mx	.000732	4
85	MP3C	X	3.467	2
86	MP3C	Z	-2.002	2
87	MP3C	Mx	-.000348	2
88	MP3C	X	3.467	4
89	MP3C	Z	-2.002	4
90	MP3C	Mx	-.000348	4
91	MP1A	X	2.107	2
92	MP1A	Z	-1.216	2
93	MP1A	Mx	.000702	2
94	MP1B	X	2.107	2
95	MP1B	Z	-1.216	2
96	MP1B	Mx	-.000702	2
97	MP1C	X	2.797	2
98	MP1C	Z	-1.615	2
99	MP1C	Mx	0	2
100	MP2A	X	1.971	2
101	MP2A	Z	-1.138	2
102	MP2A	Mx	.000657	2
103	MP2B	X	1.971	2
104	MP2B	Z	-1.138	2
105	MP2B	Mx	-.000657	2
106	MP2C	X	2.797	2
107	MP2C	Z	-1.615	2
108	MP2C	Mx	0	2
109	OVP	X	5.377	1
110	OVP	Z	-3.105	1
111	OVP	Mx	.002	1
112	MP2B	X	1.736	5
113	MP2B	Z	-1.002	5
114	MP2B	Mx	.002	5
115	MP2B	X	1.736	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
116	MP2B	Z	-1.002	5
117	MP2B	Mx	.001	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	6.416	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	6.416	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	-.003	5.75
7	MP1B	X	6.525	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	.003	.25
10	MP1B	X	6.525	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	.003	5.75
13	MP1C	X	7.236	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	.001	.25
16	MP1C	X	7.236	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	.001	5.75
19	MP4A	X	6.416	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	6.416	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	-.003	5.75
25	MP4B	X	6.525	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	.003	.25
28	MP4B	X	6.525	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	.003	5.75
31	MP4C	X	7.236	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.001	.25
34	MP4C	X	7.236	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	.001	5.75
37	MP2A	X	2.469	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	-.001	.5
40	MP2A	X	2.469	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	-.001	5.5
43	MP2B	X	2.852	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	.000812	.5
46	MP2B	X	2.852	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
47	MP2B	Z	0	5.5
48	MP2B	Mx	.000812	5.5
49	MP2C	X	5.358	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	.004	.5
52	MP2C	X	5.358	5.5
53	MP2C	Z	0	5.5
54	MP2C	Mx	.004	5.5
55	MP2A	X	2.469	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	-.001	.5
58	MP2A	X	2.469	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	-.001	5.5
61	MP2B	X	2.852	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	.002	.5
64	MP2B	X	2.852	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	.002	5.5
67	MP2C	X	5.358	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	-.002	.5
70	MP2C	X	5.358	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	-.002	5.5
73	MP3A	X	1.406	2
74	MP3A	Z	0	2
75	MP3A	Mx	-.000703	2
76	MP3A	X	1.406	4
77	MP3A	Z	0	4
78	MP3A	Mx	-.000703	4
79	MP3B	X	1.72	2
80	MP3B	Z	0	2
81	MP3B	Mx	.000808	2
82	MP3B	X	1.72	4
83	MP3B	Z	0	4
84	MP3B	Mx	.000808	4
85	MP3C	X	3.771	2
86	MP3C	Z	0	2
87	MP3C	Mx	.000645	2
88	MP3C	X	3.771	4
89	MP3C	Z	0	4
90	MP3C	Mx	.000645	4
91	MP1A	X	2.167	2
92	MP1A	Z	0	2
93	MP1A	Mx	.000722	2
94	MP1B	X	2.964	2
95	MP1B	Z	0	2
96	MP1B	Mx	-.000494	2
97	MP1C	X	2.964	2
98	MP1C	Z	0	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
99	MP1C	Mx	-.000494	2
100	MP2A	X	1.959	2
101	MP2A	Z	0	2
102	MP2A	Mx	.000653	2
103	MP2B	X	2.912	2
104	MP2B	Z	0	2
105	MP2B	Mx	-.000485	2
106	MP2C	X	2.912	2
107	MP2C	Z	0	2
108	MP2C	Mx	-.000485	2
109	OVP	X	6.605	1
110	OVP	Z	0	1
111	OVP	Mx	.002	1
112	MP2B	X	2.006	5
113	MP2B	Z	0	5
114	MP2B	Mx	.002	5
115	MP2B	X	2.006	5
116	MP2B	Z	0	5
117	MP2B	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	5.757	.25
2	MP1A	Z	3.324	.25
3	MP1A	Mx	-.003	.25
4	MP1A	X	5.757	5.75
5	MP1A	Z	3.324	5.75
6	MP1A	Mx	-.003	5.75
7	MP1B	X	6.028	.25
8	MP1B	Z	3.48	.25
9	MP1B	Mx	.002	.25
10	MP1B	X	6.028	5.75
11	MP1B	Z	3.48	5.75
12	MP1B	Mx	.002	5.75
13	MP1C	X	5.889	.25
14	MP1C	Z	3.4	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	5.889	5.75
17	MP1C	Z	3.4	5.75
18	MP1C	Mx	.003	5.75
19	MP4A	X	5.757	.25
20	MP4A	Z	3.324	.25
21	MP4A	Mx	-.003	.25
22	MP4A	X	5.757	5.75
23	MP4A	Z	3.324	5.75
24	MP4A	Mx	-.003	5.75
25	MP4B	X	6.028	.25
26	MP4B	Z	3.48	.25
27	MP4B	Mx	.002	.25
28	MP4B	X	6.028	5.75
29	MP4B	Z	3.48	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
30	MP4B	Mx	.002	5.75
31	MP4C	X	5.889	.25
32	MP4C	Z	3.4	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	5.889	5.75
35	MP4C	Z	3.4	5.75
36	MP4C	Mx	.003	5.75
37	MP2A	X	2.847	.5
38	MP2A	Z	1.643	.5
39	MP2A	Mx	-.000534	.5
40	MP2A	X	2.847	5.5
41	MP2A	Z	1.643	5.5
42	MP2A	Mx	-.000534	5.5
43	MP2B	X	3.801	.5
44	MP2B	Z	2.194	.5
45	MP2B	Mx	-.00041	.5
46	MP2B	X	3.801	5.5
47	MP2B	Z	2.194	5.5
48	MP2B	Mx	-.00041	5.5
49	MP2C	X	3.309	.5
50	MP2C	Z	1.91	.5
51	MP2C	Mx	.003	.5
52	MP2C	X	3.309	5.5
53	MP2C	Z	1.91	5.5
54	MP2C	Mx	.003	5.5
55	MP2A	X	2.847	.5
56	MP2A	Z	1.643	.5
57	MP2A	Mx	-.002	.5
58	MP2A	X	2.847	5.5
59	MP2A	Z	1.643	5.5
60	MP2A	Mx	-.002	5.5
61	MP2B	X	3.801	.5
62	MP2B	Z	2.194	.5
63	MP2B	Mx	.003	.5
64	MP2B	X	3.801	5.5
65	MP2B	Z	2.194	5.5
66	MP2B	Mx	.003	5.5
67	MP2C	X	3.309	.5
68	MP2C	Z	1.91	.5
69	MP2C	Mx	.000133	.5
70	MP2C	X	3.309	5.5
71	MP2C	Z	1.91	5.5
72	MP2C	Mx	.000133	5.5
73	MP3A	X	1.798	2
74	MP3A	Z	1.038	2
75	MP3A	Mx	-.000899	2
76	MP3A	X	1.798	4
77	MP3A	Z	1.038	4
78	MP3A	Mx	-.000899	4
79	MP3B	X	2.579	2
80	MP3B	Z	1.489	2
81	MP3B	Mx	.000957	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
82	MP3B	X	2.579	4
83	MP3B	Z	1.489	4
84	MP3B	Mx	.000957	4
85	MP3C	X	2.176	2
86	MP3C	Z	1.256	2
87	MP3C	Mx	.000962	2
88	MP3C	X	2.176	4
89	MP3C	Z	1.256	4
90	MP3C	Mx	.000962	4
91	MP1A	X	2.107	2
92	MP1A	Z	1.216	2
93	MP1A	Mx	.000702	2
94	MP1B	X	2.797	2
95	MP1B	Z	1.615	2
96	MP1B	Mx	0	2
97	MP1C	X	2.107	2
98	MP1C	Z	1.216	2
99	MP1C	Mx	-.000702	2
100	MP2A	X	1.971	2
101	MP2A	Z	1.138	2
102	MP2A	Mx	.000657	2
103	MP2B	X	2.797	2
104	MP2B	Z	1.615	2
105	MP2B	Mx	0	2
106	MP2C	X	1.971	2
107	MP2C	Z	1.138	2
108	MP2C	Mx	-.000657	2
109	OVP	X	5.377	1
110	OVP	Z	3.105	1
111	OVP	Mx	.002	1
112	MP2B	X	1.736	5
113	MP2B	Z	1.002	5
114	MP2B	Mx	.001	5
115	MP2B	X	1.736	5
116	MP2B	Z	1.002	5
117	MP2B	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	3.556	.25
2	MP1A	Z	6.16	.25
3	MP1A	Mx	-.002	.25
4	MP1A	X	3.556	5.75
5	MP1A	Z	6.16	5.75
6	MP1A	Mx	-.002	5.75
7	MP1B	X	3.658	.25
8	MP1B	Z	6.337	.25
9	MP1B	Mx	.000635	.25
10	MP1B	X	3.658	5.75
11	MP1B	Z	6.337	5.75
12	MP1B	Mx	.000635	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
13	MP1C	X	3.222	.25
14	MP1C	Z	5.581	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	3.222	5.75
17	MP1C	Z	5.581	5.75
18	MP1C	Mx	.003	5.75
19	MP4A	X	3.556	.25
20	MP4A	Z	6.16	.25
21	MP4A	Mx	-.002	.25
22	MP4A	X	3.556	5.75
23	MP4A	Z	6.16	5.75
24	MP4A	Mx	-.002	5.75
25	MP4B	X	3.658	.25
26	MP4B	Z	6.337	.25
27	MP4B	Mx	.000635	.25
28	MP4B	X	3.658	5.75
29	MP4B	Z	6.337	5.75
30	MP4B	Mx	.000635	5.75
31	MP4C	X	3.222	.25
32	MP4C	Z	5.581	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	3.222	5.75
35	MP4C	Z	5.581	5.75
36	MP4C	Mx	.003	5.75
37	MP2A	X	2.461	.5
38	MP2A	Z	4.263	.5
39	MP2A	Mx	.001	.5
40	MP2A	X	2.461	5.5
41	MP2A	Z	4.263	5.5
42	MP2A	Mx	.001	5.5
43	MP2B	X	2.821	.5
44	MP2B	Z	4.886	.5
45	MP2B	Mx	-.003	.5
46	MP2B	X	2.821	5.5
47	MP2B	Z	4.886	5.5
48	MP2B	Mx	-.003	5.5
49	MP2C	X	1.284	.5
50	MP2C	Z	2.224	.5
51	MP2C	Mx	.002	.5
52	MP2C	X	1.284	5.5
53	MP2C	Z	2.224	5.5
54	MP2C	Mx	.002	5.5
55	MP2A	X	2.461	.5
56	MP2A	Z	4.263	.5
57	MP2A	Mx	-.004	.5
58	MP2A	X	2.461	5.5
59	MP2A	Z	4.263	5.5
60	MP2A	Mx	-.004	5.5
61	MP2B	X	2.821	.5
62	MP2B	Z	4.886	.5
63	MP2B	Mx	.003	.5
64	MP2B	X	2.821	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
65	MP2B	Z	4.886	5.5
66	MP2B	Mx	.003	5.5
67	MP2C	X	1.284	.5
68	MP2C	Z	2.224	.5
69	MP2C	Mx	.001	.5
70	MP2C	X	1.284	5.5
71	MP2C	Z	2.224	5.5
72	MP2C	Mx	.001	5.5
73	MP3A	X	1.707	2
74	MP3A	Z	2.957	2
75	MP3A	Mx	-.000854	2
76	MP3A	X	1.707	4
77	MP3A	Z	2.957	4
78	MP3A	Mx	-.000854	4
79	MP3B	X	2.002	2
80	MP3B	Z	3.467	2
81	MP3B	Mx	.000348	2
82	MP3B	X	2.002	4
83	MP3B	Z	3.467	4
84	MP3B	Mx	.000348	4
85	MP3C	X	.744	2
86	MP3C	Z	1.288	2
87	MP3C	Mx	.000732	2
88	MP3C	X	.744	4
89	MP3C	Z	1.288	4
90	MP3C	Mx	.000732	4
91	MP1A	X	1.482	2
92	MP1A	Z	2.567	2
93	MP1A	Mx	.000494	2
94	MP1B	X	1.482	2
95	MP1B	Z	2.567	2
96	MP1B	Mx	.000494	2
97	MP1C	X	1.083	2
98	MP1C	Z	1.877	2
99	MP1C	Mx	-.000722	2
100	MP2A	X	1.456	2
101	MP2A	Z	2.522	2
102	MP2A	Mx	.000485	2
103	MP2B	X	1.456	2
104	MP2B	Z	2.522	2
105	MP2B	Mx	.000485	2
106	MP2C	X	.979	2
107	MP2C	Z	1.696	2
108	MP2C	Mx	-.000653	2
109	OVP	X	2.709	1
110	OVP	Z	4.692	1
111	OVP	Mx	.000903	1
112	MP2B	X	1.001	5
113	MP2B	Z	1.734	5
114	MP2B	Mx	.000423	5
115	MP2B	X	1.001	5
116	MP2B	Z	1.734	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
117	MP2B	Mx	.002	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	0	.25
2	MP1A	Z	7.345	.25
3	MP1A	Mx	0	.25
4	MP1A	X	0	5.75
5	MP1A	Z	7.345	5.75
6	MP1A	Mx	0	5.75
7	MP1B	X	0	.25
8	MP1B	Z	7.236	.25
9	MP1B	Mx	-.001	.25
10	MP1B	X	0	5.75
11	MP1B	Z	7.236	5.75
12	MP1B	Mx	-.001	5.75
13	MP1C	X	0	.25
14	MP1C	Z	6.525	.25
15	MP1C	Mx	.003	.25
16	MP1C	X	0	5.75
17	MP1C	Z	6.525	5.75
18	MP1C	Mx	.003	5.75
19	MP4A	X	0	.25
20	MP4A	Z	7.345	.25
21	MP4A	Mx	0	.25
22	MP4A	X	0	5.75
23	MP4A	Z	7.345	5.75
24	MP4A	Mx	0	5.75
25	MP4B	X	0	.25
26	MP4B	Z	7.236	.25
27	MP4B	Mx	-.001	.25
28	MP4B	X	0	5.75
29	MP4B	Z	7.236	5.75
30	MP4B	Mx	-.001	5.75
31	MP4C	X	0	.25
32	MP4C	Z	6.525	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	0	5.75
35	MP4C	Z	6.525	5.75
36	MP4C	Mx	.003	5.75
37	MP2A	X	0	.5
38	MP2A	Z	5.74	.5
39	MP2A	Mx	.003	.5
40	MP2A	X	0	5.5
41	MP2A	Z	5.74	5.5
42	MP2A	Mx	.003	5.5
43	MP2B	X	0	.5
44	MP2B	Z	5.358	.5
45	MP2B	Mx	-.004	.5
46	MP2B	X	0	5.5
47	MP2B	Z	5.358	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
48	MP2B	Mx	-.004	5.5
49	MP2C	X	0	.5
50	MP2C	Z	2.852	.5
51	MP2C	Mx	.000812	.5
52	MP2C	X	0	5.5
53	MP2C	Z	2.852	5.5
54	MP2C	Mx	.000812	5.5
55	MP2A	X	0	.5
56	MP2A	Z	5.74	.5
57	MP2A	Mx	-.003	.5
58	MP2A	X	0	5.5
59	MP2A	Z	5.74	5.5
60	MP2A	Mx	-.003	5.5
61	MP2B	X	0	.5
62	MP2B	Z	5.358	.5
63	MP2B	Mx	.002	.5
64	MP2B	X	0	5.5
65	MP2B	Z	5.358	5.5
66	MP2B	Mx	.002	5.5
67	MP2C	X	0	.5
68	MP2C	Z	2.852	.5
69	MP2C	Mx	.002	.5
70	MP2C	X	0	5.5
71	MP2C	Z	2.852	5.5
72	MP2C	Mx	.002	5.5
73	MP3A	X	0	2
74	MP3A	Z	4.084	2
75	MP3A	Mx	0	2
76	MP3A	X	0	4
77	MP3A	Z	4.084	4
78	MP3A	Mx	0	4
79	MP3B	X	0	2
80	MP3B	Z	3.771	2
81	MP3B	Mx	-.000645	2
82	MP3B	X	0	4
83	MP3B	Z	3.771	4
84	MP3B	Mx	-.000645	4
85	MP3C	X	0	2
86	MP3C	Z	1.72	2
87	MP3C	Mx	.000808	2
88	MP3C	X	0	4
89	MP3C	Z	1.72	4
90	MP3C	Mx	.000808	4
91	MP1A	X	0	2
92	MP1A	Z	3.23	2
93	MP1A	Mx	0	2
94	MP1B	X	0	2
95	MP1B	Z	2.433	2
96	MP1B	Mx	.000702	2
97	MP1C	X	0	2
98	MP1C	Z	2.433	2
99	MP1C	Mx	-.000702	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
100	MP2A	X	0	2
101	MP2A	Z	3.23	2
102	MP2A	Mx	0	2
103	MP2B	X	0	2
104	MP2B	Z	2.276	2
105	MP2B	Mx	.000657	2
106	MP2C	X	0	2
107	MP2C	Z	2.276	2
108	MP2C	Mx	-.000657	2
109	OVP	X	0	1
110	OVP	Z	5.022	1
111	OVP	Mx	0	1
112	MP2B	X	0	5
113	MP2B	Z	2	5
114	MP2B	Mx	-.000667	5
115	MP2B	X	0	5
116	MP2B	Z	2	5
117	MP2B	Mx	.000667	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-3.556	.25
2	MP1A	Z	6.16	.25
3	MP1A	Mx	.002	.25
4	MP1A	X	-3.556	5.75
5	MP1A	Z	6.16	5.75
6	MP1A	Mx	.002	5.75
7	MP1B	X	-3.4	.25
8	MP1B	Z	5.889	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-3.4	5.75
11	MP1B	Z	5.889	5.75
12	MP1B	Mx	-.003	5.75
13	MP1C	X	-3.48	.25
14	MP1C	Z	6.028	.25
15	MP1C	Mx	.002	.25
16	MP1C	X	-3.48	5.75
17	MP1C	Z	6.028	5.75
18	MP1C	Mx	.002	5.75
19	MP4A	X	-3.556	.25
20	MP4A	Z	6.16	.25
21	MP4A	Mx	.002	.25
22	MP4A	X	-3.556	5.75
23	MP4A	Z	6.16	5.75
24	MP4A	Mx	.002	5.75
25	MP4B	X	-3.4	.25
26	MP4B	Z	5.889	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-3.4	5.75
29	MP4B	Z	5.889	5.75
30	MP4B	Mx	-.003	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
31	MP4C	X	-3.48	.25
32	MP4C	Z	6.028	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	-3.48	5.75
35	MP4C	Z	6.028	5.75
36	MP4C	Mx	.002	5.75
37	MP2A	X	-2.461	.5
38	MP2A	Z	4.263	.5
39	MP2A	Mx	.004	.5
40	MP2A	X	-2.461	5.5
41	MP2A	Z	4.263	5.5
42	MP2A	Mx	.004	5.5
43	MP2B	X	-1.91	.5
44	MP2B	Z	3.309	.5
45	MP2B	Mx	-.003	.5
46	MP2B	X	-1.91	5.5
47	MP2B	Z	3.309	5.5
48	MP2B	Mx	-.003	5.5
49	MP2C	X	-2.194	.5
50	MP2C	Z	3.801	.5
51	MP2C	Mx	-.00041	.5
52	MP2C	X	-2.194	5.5
53	MP2C	Z	3.801	5.5
54	MP2C	Mx	-.00041	5.5
55	MP2A	X	-2.461	.5
56	MP2A	Z	4.263	.5
57	MP2A	Mx	-.001	.5
58	MP2A	X	-2.461	5.5
59	MP2A	Z	4.263	5.5
60	MP2A	Mx	-.001	5.5
61	MP2B	X	-1.91	.5
62	MP2B	Z	3.309	.5
63	MP2B	Mx	-.000133	.5
64	MP2B	X	-1.91	5.5
65	MP2B	Z	3.309	5.5
66	MP2B	Mx	-.000133	5.5
67	MP2C	X	-2.194	.5
68	MP2C	Z	3.801	.5
69	MP2C	Mx	.003	.5
70	MP2C	X	-2.194	5.5
71	MP2C	Z	3.801	5.5
72	MP2C	Mx	.003	5.5
73	MP3A	X	-1.707	2
74	MP3A	Z	2.957	2
75	MP3A	Mx	.000854	2
76	MP3A	X	-1.707	4
77	MP3A	Z	2.957	4
78	MP3A	Mx	.000854	4
79	MP3B	X	-1.256	2
80	MP3B	Z	2.176	2
81	MP3B	Mx	-.000962	2
82	MP3B	X	-1.256	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
83	MP3B	Z	2.176	4
84	MP3B	Mx	-.000962	4
85	MP3C	X	-1.489	2
86	MP3C	Z	2.579	2
87	MP3C	Mx	.000957	2
88	MP3C	X	-1.489	4
89	MP3C	Z	2.579	4
90	MP3C	Mx	.000957	4
91	MP1A	X	-1.482	2
92	MP1A	Z	2.567	2
93	MP1A	Mx	-.000494	2
94	MP1B	X	-1.083	2
95	MP1B	Z	1.877	2
96	MP1B	Mx	.000722	2
97	MP1C	X	-1.482	2
98	MP1C	Z	2.567	2
99	MP1C	Mx	-.000494	2
100	MP2A	X	-1.456	2
101	MP2A	Z	2.522	2
102	MP2A	Mx	-.000485	2
103	MP2B	X	-.979	2
104	MP2B	Z	1.696	2
105	MP2B	Mx	.000653	2
106	MP2C	X	-1.456	2
107	MP2C	Z	2.522	2
108	MP2C	Mx	-.000485	2
109	OVP	X	-2.709	1
110	OVP	Z	4.692	1
111	OVP	Mx	-.000903	1
112	MP2B	X	-1.001	5
113	MP2B	Z	1.734	5
114	MP2B	Mx	-.002	5
115	MP2B	X	-1.001	5
116	MP2B	Z	1.734	5
117	MP2B	Mx	-.000423	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-5.757	.25
2	MP1A	Z	3.324	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-5.757	5.75
5	MP1A	Z	3.324	5.75
6	MP1A	Mx	.003	5.75
7	MP1B	X	-5.581	.25
8	MP1B	Z	3.222	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-5.581	5.75
11	MP1B	Z	3.222	5.75
12	MP1B	Mx	-.003	5.75
13	MP1C	X	-6.337	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
14	MP1C	Z	3.658	.25
15	MP1C	Mx	.000635	.25
16	MP1C	X	-6.337	5.75
17	MP1C	Z	3.658	5.75
18	MP1C	Mx	.000635	5.75
19	MP4A	X	-5.757	.25
20	MP4A	Z	3.324	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-5.757	5.75
23	MP4A	Z	3.324	5.75
24	MP4A	Mx	.003	5.75
25	MP4B	X	-5.581	.25
26	MP4B	Z	3.222	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-5.581	5.75
29	MP4B	Z	3.222	5.75
30	MP4B	Mx	-.003	5.75
31	MP4C	X	-6.337	.25
32	MP4C	Z	3.658	.25
33	MP4C	Mx	.000635	.25
34	MP4C	X	-6.337	5.75
35	MP4C	Z	3.658	5.75
36	MP4C	Mx	.000635	5.75
37	MP2A	X	-2.847	.5
38	MP2A	Z	1.643	.5
39	MP2A	Mx	.002	.5
40	MP2A	X	-2.847	5.5
41	MP2A	Z	1.643	5.5
42	MP2A	Mx	.002	5.5
43	MP2B	X	-2.224	.5
44	MP2B	Z	1.284	.5
45	MP2B	Mx	-.002	.5
46	MP2B	X	-2.224	5.5
47	MP2B	Z	1.284	5.5
48	MP2B	Mx	-.002	5.5
49	MP2C	X	-4.886	.5
50	MP2C	Z	2.821	.5
51	MP2C	Mx	-.003	.5
52	MP2C	X	-4.886	5.5
53	MP2C	Z	2.821	5.5
54	MP2C	Mx	-.003	5.5
55	MP2A	X	-2.847	.5
56	MP2A	Z	1.643	.5
57	MP2A	Mx	.000534	.5
58	MP2A	X	-2.847	5.5
59	MP2A	Z	1.643	5.5
60	MP2A	Mx	.000534	5.5
61	MP2B	X	-2.224	.5
62	MP2B	Z	1.284	.5
63	MP2B	Mx	-.001	.5
64	MP2B	X	-2.224	5.5
65	MP2B	Z	1.284	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
66	MP2B	Mx	-.001	5.5
67	MP2C	X	-4.886	.5
68	MP2C	Z	2.821	.5
69	MP2C	Mx	.003	.5
70	MP2C	X	-4.886	5.5
71	MP2C	Z	2.821	5.5
72	MP2C	Mx	.003	5.5
73	MP3A	X	-1.798	2
74	MP3A	Z	1.038	2
75	MP3A	Mx	.000899	2
76	MP3A	X	-1.798	4
77	MP3A	Z	1.038	4
78	MP3A	Mx	.000899	4
79	MP3B	X	-1.288	2
80	MP3B	Z	.744	2
81	MP3B	Mx	-.000732	2
82	MP3B	X	-1.288	4
83	MP3B	Z	.744	4
84	MP3B	Mx	-.000732	4
85	MP3C	X	-3.467	2
86	MP3C	Z	2.002	2
87	MP3C	Mx	.000348	2
88	MP3C	X	-3.467	4
89	MP3C	Z	2.002	4
90	MP3C	Mx	.000348	4
91	MP1A	X	-2.107	2
92	MP1A	Z	1.216	2
93	MP1A	Mx	-.000702	2
94	MP1B	X	-2.107	2
95	MP1B	Z	1.216	2
96	MP1B	Mx	.000702	2
97	MP1C	X	-2.797	2
98	MP1C	Z	1.615	2
99	MP1C	Mx	0	2
100	MP2A	X	-1.971	2
101	MP2A	Z	1.138	2
102	MP2A	Mx	-.000657	2
103	MP2B	X	-1.971	2
104	MP2B	Z	1.138	2
105	MP2B	Mx	.000657	2
106	MP2C	X	-2.797	2
107	MP2C	Z	1.615	2
108	MP2C	Mx	0	2
109	OVP	X	-5.377	1
110	OVP	Z	3.105	1
111	OVP	Mx	-.002	1
112	MP2B	X	-1.736	5
113	MP2B	Z	1.002	5
114	MP2B	Mx	-.002	5
115	MP2B	X	-1.736	5
116	MP2B	Z	1.002	5
117	MP2B	Mx	-.001	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-6.416	.25
2	MP1A	Z	0	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-6.416	5.75
5	MP1A	Z	0	5.75
6	MP1A	Mx	.003	5.75
7	MP1B	X	-6.525	.25
8	MP1B	Z	0	.25
9	MP1B	Mx	-.003	.25
10	MP1B	X	-6.525	5.75
11	MP1B	Z	0	5.75
12	MP1B	Mx	-.003	5.75
13	MP1C	X	-7.236	.25
14	MP1C	Z	0	.25
15	MP1C	Mx	-.001	.25
16	MP1C	X	-7.236	5.75
17	MP1C	Z	0	5.75
18	MP1C	Mx	-.001	5.75
19	MP4A	X	-6.416	.25
20	MP4A	Z	0	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-6.416	5.75
23	MP4A	Z	0	5.75
24	MP4A	Mx	.003	5.75
25	MP4B	X	-6.525	.25
26	MP4B	Z	0	.25
27	MP4B	Mx	-.003	.25
28	MP4B	X	-6.525	5.75
29	MP4B	Z	0	5.75
30	MP4B	Mx	-.003	5.75
31	MP4C	X	-7.236	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.001	.25
34	MP4C	X	-7.236	5.75
35	MP4C	Z	0	5.75
36	MP4C	Mx	-.001	5.75
37	MP2A	X	-2.469	.5
38	MP2A	Z	0	.5
39	MP2A	Mx	.001	.5
40	MP2A	X	-2.469	5.5
41	MP2A	Z	0	5.5
42	MP2A	Mx	.001	5.5
43	MP2B	X	-2.852	.5
44	MP2B	Z	0	.5
45	MP2B	Mx	-.000812	.5
46	MP2B	X	-2.852	5.5
47	MP2B	Z	0	5.5
48	MP2B	Mx	-.000812	5.5
49	MP2C	X	-5.358	.5
50	MP2C	Z	0	.5
51	MP2C	Mx	-.004	.5
52	MP2C	X	-5.358	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
53	MP2C	Z	0	5.5
54	MP2C	Mx	-.004	5.5
55	MP2A	X	-2.469	.5
56	MP2A	Z	0	.5
57	MP2A	Mx	.001	.5
58	MP2A	X	-2.469	5.5
59	MP2A	Z	0	5.5
60	MP2A	Mx	.001	5.5
61	MP2B	X	-2.852	.5
62	MP2B	Z	0	.5
63	MP2B	Mx	-.002	.5
64	MP2B	X	-2.852	5.5
65	MP2B	Z	0	5.5
66	MP2B	Mx	-.002	5.5
67	MP2C	X	-5.358	.5
68	MP2C	Z	0	.5
69	MP2C	Mx	.002	.5
70	MP2C	X	-5.358	5.5
71	MP2C	Z	0	5.5
72	MP2C	Mx	.002	5.5
73	MP3A	X	-1.406	2
74	MP3A	Z	0	2
75	MP3A	Mx	.000703	2
76	MP3A	X	-1.406	4
77	MP3A	Z	0	4
78	MP3A	Mx	.000703	4
79	MP3B	X	-1.72	2
80	MP3B	Z	0	2
81	MP3B	Mx	-.000808	2
82	MP3B	X	-1.72	4
83	MP3B	Z	0	4
84	MP3B	Mx	-.000808	4
85	MP3C	X	-3.771	2
86	MP3C	Z	0	2
87	MP3C	Mx	-.000645	2
88	MP3C	X	-3.771	4
89	MP3C	Z	0	4
90	MP3C	Mx	-.000645	4
91	MP1A	X	-2.167	2
92	MP1A	Z	0	2
93	MP1A	Mx	-.000722	2
94	MP1B	X	-2.964	2
95	MP1B	Z	0	2
96	MP1B	Mx	.000494	2
97	MP1C	X	-2.964	2
98	MP1C	Z	0	2
99	MP1C	Mx	.000494	2
100	MP2A	X	-1.959	2
101	MP2A	Z	0	2
102	MP2A	Mx	-.000653	2
103	MP2B	X	-2.912	2
104	MP2B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
105	MP2B	Mx	.000485	2
106	MP2C	X	-2.912	2
107	MP2C	Z	0	2
108	MP2C	Mx	.000485	2
109	OVP	X	-6.605	1
110	OVP	Z	0	1
111	OVP	Mx	-.002	1
112	MP2B	X	-2.006	5
113	MP2B	Z	0	5
114	MP2B	Mx	-.002	5
115	MP2B	X	-2.006	5
116	MP2B	Z	0	5
117	MP2B	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-5.757	.25
2	MP1A	Z	-3.324	.25
3	MP1A	Mx	.003	.25
4	MP1A	X	-5.757	5.75
5	MP1A	Z	-3.324	5.75
6	MP1A	Mx	.003	5.75
7	MP1B	X	-6.028	.25
8	MP1B	Z	-3.48	.25
9	MP1B	Mx	-.002	.25
10	MP1B	X	-6.028	5.75
11	MP1B	Z	-3.48	5.75
12	MP1B	Mx	-.002	5.75
13	MP1C	X	-5.889	.25
14	MP1C	Z	-3.4	.25
15	MP1C	Mx	-.003	.25
16	MP1C	X	-5.889	5.75
17	MP1C	Z	-3.4	5.75
18	MP1C	Mx	-.003	5.75
19	MP4A	X	-5.757	.25
20	MP4A	Z	-3.324	.25
21	MP4A	Mx	.003	.25
22	MP4A	X	-5.757	5.75
23	MP4A	Z	-3.324	5.75
24	MP4A	Mx	.003	5.75
25	MP4B	X	-6.028	.25
26	MP4B	Z	-3.48	.25
27	MP4B	Mx	-.002	.25
28	MP4B	X	-6.028	5.75
29	MP4B	Z	-3.48	5.75
30	MP4B	Mx	-.002	5.75
31	MP4C	X	-5.889	.25
32	MP4C	Z	-3.4	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-5.889	5.75
35	MP4C	Z	-3.4	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
36	MP4C	Mx	-.003	5.75
37	MP2A	X	-2.847	.5
38	MP2A	Z	-1.643	.5
39	MP2A	Mx	.000534	.5
40	MP2A	X	-2.847	5.5
41	MP2A	Z	-1.643	5.5
42	MP2A	Mx	.000534	5.5
43	MP2B	X	-3.801	.5
44	MP2B	Z	-2.194	.5
45	MP2B	Mx	.00041	.5
46	MP2B	X	-3.801	5.5
47	MP2B	Z	-2.194	5.5
48	MP2B	Mx	.00041	5.5
49	MP2C	X	-3.309	.5
50	MP2C	Z	-1.91	.5
51	MP2C	Mx	-.003	.5
52	MP2C	X	-3.309	5.5
53	MP2C	Z	-1.91	5.5
54	MP2C	Mx	-.003	5.5
55	MP2A	X	-2.847	.5
56	MP2A	Z	-1.643	.5
57	MP2A	Mx	.002	.5
58	MP2A	X	-2.847	5.5
59	MP2A	Z	-1.643	5.5
60	MP2A	Mx	.002	5.5
61	MP2B	X	-3.801	.5
62	MP2B	Z	-2.194	.5
63	MP2B	Mx	-.003	.5
64	MP2B	X	-3.801	5.5
65	MP2B	Z	-2.194	5.5
66	MP2B	Mx	-.003	5.5
67	MP2C	X	-3.309	.5
68	MP2C	Z	-1.91	.5
69	MP2C	Mx	-.000133	.5
70	MP2C	X	-3.309	5.5
71	MP2C	Z	-1.91	5.5
72	MP2C	Mx	-.000133	5.5
73	MP3A	X	-1.798	2
74	MP3A	Z	-1.038	2
75	MP3A	Mx	.000899	2
76	MP3A	X	-1.798	4
77	MP3A	Z	-1.038	4
78	MP3A	Mx	.000899	4
79	MP3B	X	-2.579	2
80	MP3B	Z	-1.489	2
81	MP3B	Mx	-.000957	2
82	MP3B	X	-2.579	4
83	MP3B	Z	-1.489	4
84	MP3B	Mx	-.000957	4
85	MP3C	X	-2.176	2
86	MP3C	Z	-1.256	2
87	MP3C	Mx	-.000962	2

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
88	MP3C	X	-2.176	4
89	MP3C	Z	-1.256	4
90	MP3C	Mx	-.000962	4
91	MP1A	X	-2.107	2
92	MP1A	Z	-1.216	2
93	MP1A	Mx	-.000702	2
94	MP1B	X	-2.797	2
95	MP1B	Z	-1.615	2
96	MP1B	Mx	0	2
97	MP1C	X	-2.107	2
98	MP1C	Z	-1.216	2
99	MP1C	Mx	.000702	2
100	MP2A	X	-1.971	2
101	MP2A	Z	-1.138	2
102	MP2A	Mx	-.000657	2
103	MP2B	X	-2.797	2
104	MP2B	Z	-1.615	2
105	MP2B	Mx	0	2
106	MP2C	X	-1.971	2
107	MP2C	Z	-1.138	2
108	MP2C	Mx	.000657	2
109	OVP	X	-5.377	1
110	OVP	Z	-3.105	1
111	OVP	Mx	-.002	1
112	MP2B	X	-1.736	5
113	MP2B	Z	-1.002	5
114	MP2B	Mx	-.001	5
115	MP2B	X	-1.736	5
116	MP2B	Z	-1.002	5
117	MP2B	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	-3.556	.25
2	MP1A	Z	-6.16	.25
3	MP1A	Mx	.002	.25
4	MP1A	X	-3.556	5.75
5	MP1A	Z	-6.16	5.75
6	MP1A	Mx	.002	5.75
7	MP1B	X	-3.658	.25
8	MP1B	Z	-6.337	.25
9	MP1B	Mx	-.000635	.25
10	MP1B	X	-3.658	5.75
11	MP1B	Z	-6.337	5.75
12	MP1B	Mx	-.000635	5.75
13	MP1C	X	-3.222	.25
14	MP1C	Z	-5.581	.25
15	MP1C	Mx	-.003	.25
16	MP1C	X	-3.222	5.75
17	MP1C	Z	-5.581	5.75
18	MP1C	Mx	-.003	5.75

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
19	MP4A	X	-3.556	.25
20	MP4A	Z	-6.16	.25
21	MP4A	Mx	.002	.25
22	MP4A	X	-3.556	5.75
23	MP4A	Z	-6.16	5.75
24	MP4A	Mx	.002	5.75
25	MP4B	X	-3.658	.25
26	MP4B	Z	-6.337	.25
27	MP4B	Mx	-.000635	.25
28	MP4B	X	-3.658	5.75
29	MP4B	Z	-6.337	5.75
30	MP4B	Mx	-.000635	5.75
31	MP4C	X	-3.222	.25
32	MP4C	Z	-5.581	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-3.222	5.75
35	MP4C	Z	-5.581	5.75
36	MP4C	Mx	-.003	5.75
37	MP2A	X	-2.461	.5
38	MP2A	Z	-4.263	.5
39	MP2A	Mx	-.001	.5
40	MP2A	X	-2.461	5.5
41	MP2A	Z	-4.263	5.5
42	MP2A	Mx	-.001	5.5
43	MP2B	X	-2.821	.5
44	MP2B	Z	-4.886	.5
45	MP2B	Mx	.003	.5
46	MP2B	X	-2.821	5.5
47	MP2B	Z	-4.886	5.5
48	MP2B	Mx	.003	5.5
49	MP2C	X	-1.284	.5
50	MP2C	Z	-2.224	.5
51	MP2C	Mx	-.002	.5
52	MP2C	X	-1.284	5.5
53	MP2C	Z	-2.224	5.5
54	MP2C	Mx	-.002	5.5
55	MP2A	X	-2.461	.5
56	MP2A	Z	-4.263	.5
57	MP2A	Mx	.004	.5
58	MP2A	X	-2.461	5.5
59	MP2A	Z	-4.263	5.5
60	MP2A	Mx	.004	5.5
61	MP2B	X	-2.821	.5
62	MP2B	Z	-4.886	.5
63	MP2B	Mx	-.003	.5
64	MP2B	X	-2.821	5.5
65	MP2B	Z	-4.886	5.5
66	MP2B	Mx	-.003	5.5
67	MP2C	X	-1.284	.5
68	MP2C	Z	-2.224	.5
69	MP2C	Mx	-.001	.5
70	MP2C	X	-1.284	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
71	MP2C	Z	-2.224	5.5
72	MP2C	Mx	-.001	5.5
73	MP3A	X	-1.707	2
74	MP3A	Z	-2.957	2
75	MP3A	Mx	.000854	2
76	MP3A	X	-1.707	4
77	MP3A	Z	-2.957	4
78	MP3A	Mx	.000854	4
79	MP3B	X	-2.002	2
80	MP3B	Z	-3.467	2
81	MP3B	Mx	-.000348	2
82	MP3B	X	-2.002	4
83	MP3B	Z	-3.467	4
84	MP3B	Mx	-.000348	4
85	MP3C	X	-.744	2
86	MP3C	Z	-1.288	2
87	MP3C	Mx	-.000732	2
88	MP3C	X	-.744	4
89	MP3C	Z	-1.288	4
90	MP3C	Mx	-.000732	4
91	MP1A	X	-1.482	2
92	MP1A	Z	-2.567	2
93	MP1A	Mx	-.000494	2
94	MP1B	X	-1.482	2
95	MP1B	Z	-2.567	2
96	MP1B	Mx	-.000494	2
97	MP1C	X	-1.083	2
98	MP1C	Z	-1.877	2
99	MP1C	Mx	.000722	2
100	MP2A	X	-1.456	2
101	MP2A	Z	-2.522	2
102	MP2A	Mx	-.000485	2
103	MP2B	X	-1.456	2
104	MP2B	Z	-2.522	2
105	MP2B	Mx	-.000485	2
106	MP2C	X	-.979	2
107	MP2C	Z	-1.696	2
108	MP2C	Mx	.000653	2
109	OVP	X	-2.709	1
110	OVP	Z	-4.692	1
111	OVP	Mx	-.000903	1
112	MP2B	X	-1.001	5
113	MP2B	Z	-1.734	5
114	MP2B	Mx	-.000423	5
115	MP2B	X	-1.001	5
116	MP2B	Z	-1.734	5
117	MP2B	Mx	-.002	5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M77A	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M78A	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M20	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	M20	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	Y	-.461	.25
2	MP1A	My	-.000231	.25
3	MP1A	Mz	0	.25
4	MP1A	Y	-.461	5.75
5	MP1A	My	-.000231	5.75
6	MP1A	Mz	0	5.75
7	MP1B	Y	-.461	.25
8	MP1B	My	.000217	.25
9	MP1B	Mz	-7.9e-5	.25
10	MP1B	Y	-.461	5.75
11	MP1B	My	.000217	5.75
12	MP1B	Mz	-7.9e-5	5.75
13	MP1C	Y	-.461	.25
14	MP1C	My	7.9e-5	.25
15	MP1C	Mz	.000217	.25
16	MP1C	Y	-.461	5.75
17	MP1C	My	7.9e-5	5.75
18	MP1C	Mz	.000217	5.75
19	MP4A	Y	-.461	.25
20	MP4A	My	-.000231	.25
21	MP4A	Mz	0	.25
22	MP4A	Y	-.461	5.75
23	MP4A	My	-.000231	5.75
24	MP4A	Mz	0	5.75
25	MP4B	Y	-.461	.25
26	MP4B	My	.000217	.25
27	MP4B	Mz	-7.9e-5	.25
28	MP4B	Y	-.461	5.75
29	MP4B	My	.000217	5.75
30	MP4B	Mz	-7.9e-5	5.75
31	MP4C	Y	-.461	.25
32	MP4C	My	7.9e-5	.25
33	MP4C	Mz	.000217	.25
34	MP4C	Y	-.461	5.75
35	MP4C	My	7.9e-5	5.75
36	MP4C	Mz	.000217	5.75
37	MP2A	Y	-.879	.5
38	MP2A	My	-.000439	.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
39	MP2A	Mz	.000476	.5
40	MP2A	Y	-.879	5.5
41	MP2A	My	-.000439	5.5
42	MP2A	Mz	.000476	5.5
43	MP2B	Y	-.879	.5
44	MP2B	My	.00025	.5
45	MP2B	Mz	-.000598	.5
46	MP2B	Y	-.879	5.5
47	MP2B	My	.00025	5.5
48	MP2B	Mz	-.000598	5.5
49	MP2C	Y	-.879	.5
50	MP2C	My	.000598	.5
51	MP2C	Mz	.00025	.5
52	MP2C	Y	-.879	5.5
53	MP2C	My	.000598	5.5
54	MP2C	Mz	.00025	5.5
55	MP2A	Y	-.879	.5
56	MP2A	My	-.000439	.5
57	MP2A	Mz	-.000476	.5
58	MP2A	Y	-.879	5.5
59	MP2A	My	-.000439	5.5
60	MP2A	Mz	-.000476	5.5
61	MP2B	Y	-.879	.5
62	MP2B	My	.000576	.5
63	MP2B	Mz	.000297	.5
64	MP2B	Y	-.879	5.5
65	MP2B	My	.000576	5.5
66	MP2B	Mz	.000297	5.5
67	MP2C	Y	-.879	.5
68	MP2C	My	-.000297	.5
69	MP2C	Mz	.000576	.5
70	MP2C	Y	-.879	5.5
71	MP2C	My	-.000297	5.5
72	MP2C	Mz	.000576	5.5
73	MP3A	Y	-1.914	2
74	MP3A	My	-.000957	2
75	MP3A	Mz	0	2
76	MP3A	Y	-1.914	4
77	MP3A	My	-.000957	4
78	MP3A	Mz	0	4
79	MP3B	Y	-1.914	2
80	MP3B	My	.000899	2
81	MP3B	Mz	-.000327	2
82	MP3B	Y	-1.914	4
83	MP3B	My	.000899	4
84	MP3B	Mz	-.000327	4
85	MP3C	Y	-1.914	2
86	MP3C	My	.000327	2
87	MP3C	Mz	.000899	2
88	MP3C	Y	-1.914	4
89	MP3C	My	.000327	4
90	MP3C	Mz	.000899	4

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
91	MP1A	Y	-3.283	2
92	MP1A	My	.001	2
93	MP1A	Mz	0	2
94	MP1B	Y	-3.283	2
95	MP1B	My	-.000547	2
96	MP1B	Mz	.000948	2
97	MP1C	Y	-3.283	2
98	MP1C	My	-.000547	2
99	MP1C	Mz	-.000948	2
100	MP2A	Y	-3.089	2
101	MP2A	My	.001	2
102	MP2A	Mz	0	2
103	MP2B	Y	-3.089	2
104	MP2B	My	-.000515	2
105	MP2B	Mz	.000892	2
106	MP2C	Y	-3.089	2
107	MP2C	My	-.000515	2
108	MP2C	Mz	-.000892	2
109	OVP	Y	-1.406	1
110	OVP	My	.000469	1
111	OVP	Mz	0	1
112	MP2B	Y	-.773	5
113	MP2B	My	.000773	5
114	MP2B	Mz	-.000258	5
115	MP2B	Y	-.773	5
116	MP2B	My	.000773	5
117	MP2B	Mz	.000258	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	Z	-1.154	.25
2	MP1A	Mx	0	.25
3	MP1A	Z	-1.154	5.75
4	MP1A	Mx	0	5.75
5	MP1B	Z	-1.154	.25
6	MP1B	Mx	.000197	.25
7	MP1B	Z	-1.154	5.75
8	MP1B	Mx	.000197	5.75
9	MP1C	Z	-1.154	.25
10	MP1C	Mx	-.000542	.25
11	MP1C	Z	-1.154	5.75
12	MP1C	Mx	-.000542	5.75
13	MP4A	Z	-1.154	.25
14	MP4A	Mx	0	.25
15	MP4A	Z	-1.154	5.75
16	MP4A	Mx	0	5.75
17	MP4B	Z	-1.154	.25
18	MP4B	Mx	.000197	.25
19	MP4B	Z	-1.154	5.75
20	MP4B	Mx	.000197	5.75
21	MP4C	Z	-1.154	.25

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
22	MP4C	Mx	-.000542	.25
23	MP4C	Z	-1.154	5.75
24	MP4C	Mx	-.000542	5.75
25	MP2A	Z	-2.197	.5
26	MP2A	Mx	-.001	.5
27	MP2A	Z	-2.197	5.5
28	MP2A	Mx	-.001	5.5
29	MP2B	Z	-2.197	.5
30	MP2B	Mx	.001	.5
31	MP2B	Z	-2.197	5.5
32	MP2B	Mx	.001	5.5
33	MP2C	Z	-2.197	.5
34	MP2C	Mx	-.000625	.5
35	MP2C	Z	-2.197	5.5
36	MP2C	Mx	-.000625	5.5
37	MP2A	Z	-2.197	.5
38	MP2A	Mx	.001	.5
39	MP2A	Z	-2.197	5.5
40	MP2A	Mx	.001	5.5
41	MP2B	Z	-2.197	.5
42	MP2B	Mx	-.000743	.5
43	MP2B	Z	-2.197	5.5
44	MP2B	Mx	-.000743	5.5
45	MP2C	Z	-2.197	.5
46	MP2C	Mx	-.001	.5
47	MP2C	Z	-2.197	5.5
48	MP2C	Mx	-.001	5.5
49	MP3A	Z	-4.785	2
50	MP3A	Mx	0	2
51	MP3A	Z	-4.785	4
52	MP3A	Mx	0	4
53	MP3B	Z	-4.785	2
54	MP3B	Mx	.000818	2
55	MP3B	Z	-4.785	4
56	MP3B	Mx	.000818	4
57	MP3C	Z	-4.785	2
58	MP3C	Mx	-.002	2
59	MP3C	Z	-4.785	4
60	MP3C	Mx	-.002	4
61	MP1A	Z	-8.207	2
62	MP1A	Mx	0	2
63	MP1B	Z	-8.207	2
64	MP1B	Mx	-.002	2
65	MP1C	Z	-8.207	2
66	MP1C	Mx	.002	2
67	MP2A	Z	-7.724	2
68	MP2A	Mx	0	2
69	MP2B	Z	-7.724	2
70	MP2B	Mx	-.002	2
71	MP2C	Z	-7.724	2
72	MP2C	Mx	.002	2
73	OVP	Z	-3.516	1

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
74	OVP	Mx	0	1
75	MP2B	Z	-1.934	5
76	MP2B	Mx	.000645	5
77	MP2B	Z	-1.934	5
78	MP2B	Mx	-.000645	5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
1	MP1A	X	1.154	.25
2	MP1A	Mx	-.000577	.25
3	MP1A	X	1.154	5.75
4	MP1A	Mx	-.000577	5.75
5	MP1B	X	1.154	.25
6	MP1B	Mx	.000542	.25
7	MP1B	X	1.154	5.75
8	MP1B	Mx	.000542	5.75
9	MP1C	X	1.154	.25
10	MP1C	Mx	.000197	.25
11	MP1C	X	1.154	5.75
12	MP1C	Mx	.000197	5.75
13	MP4A	X	1.154	.25
14	MP4A	Mx	-.000577	.25
15	MP4A	X	1.154	5.75
16	MP4A	Mx	-.000577	5.75
17	MP4B	X	1.154	.25
18	MP4B	Mx	.000542	.25
19	MP4B	X	1.154	5.75
20	MP4B	Mx	.000542	5.75
21	MP4C	X	1.154	.25
22	MP4C	Mx	.000197	.25
23	MP4C	X	1.154	5.75
24	MP4C	Mx	.000197	5.75
25	MP2A	X	2.197	.5
26	MP2A	Mx	-.001	.5
27	MP2A	X	2.197	5.5
28	MP2A	Mx	-.001	5.5
29	MP2B	X	2.197	.5
30	MP2B	Mx	.000625	.5
31	MP2B	X	2.197	5.5
32	MP2B	Mx	.000625	5.5
33	MP2C	X	2.197	.5
34	MP2C	Mx	.001	.5
35	MP2C	X	2.197	5.5
36	MP2C	Mx	.001	5.5
37	MP2A	X	2.197	.5
38	MP2A	Mx	-.001	.5
39	MP2A	X	2.197	5.5
40	MP2A	Mx	-.001	5.5
41	MP2B	X	2.197	.5
42	MP2B	Mx	.001	.5
43	MP2B	X	2.197	5.5

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[ft,%]
44	MP2B	Mx	.001	5.5
45	MP2C	X	2.197	.5
46	MP2C	Mx	-.000743	.5
47	MP2C	X	2.197	5.5
48	MP2C	Mx	-.000743	5.5
49	MP3A	X	4.785	2
50	MP3A	Mx	-.002	2
51	MP3A	X	4.785	4
52	MP3A	Mx	-.002	4
53	MP3B	X	4.785	2
54	MP3B	Mx	.002	2
55	MP3B	X	4.785	4
56	MP3B	Mx	.002	4
57	MP3C	X	4.785	2
58	MP3C	Mx	.000818	2
59	MP3C	X	4.785	4
60	MP3C	Mx	.000818	4
61	MP1A	X	8.207	2
62	MP1A	Mx	.003	2
63	MP1B	X	8.207	2
64	MP1B	Mx	-.001	2
65	MP1C	X	8.207	2
66	MP1C	Mx	-.001	2
67	MP2A	X	7.724	2
68	MP2A	Mx	.003	2
69	MP2B	X	7.724	2
70	MP2B	Mx	-.001	2
71	MP2C	X	7.724	2
72	MP2C	Mx	-.001	2
73	OVP	X	3.516	1
74	OVP	Mx	.001	1
75	MP2B	X	1.934	5
76	MP2B	Mx	.002	5
77	MP2B	X	1.934	5
78	MP2B	Mx	.002	5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	Y	-6.505	-6.505	0	%100
2	M72A	Y	-9.525	-9.525	0	%100
3	M73	Y	-9.525	-9.525	0	%100
4	M74	Y	-9.525	-9.525	0	%100
5	M75	Y	-10.035	-10.035	0	%100
6	M78	Y	-5.565	-5.565	0	%100
7	M79	Y	-5.565	-5.565	0	%100
8	M84	Y	-10.022	-10.022	0	%100
9	M85	Y	-10.022	-10.022	0	%100
10	M87A	Y	-10.035	-10.035	0	%100
11	M89A	Y	-10.022	-10.022	0	%100
12	M90A	Y	-10.022	-10.022	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,%]
13	M92	Y	-10.035	-10.035	0	%100
14	MP4A	Y	-4.93	-4.93	0	%100
15	MP3A	Y	-4.93	-4.93	0	%100
16	MP2A	Y	-4.93	-4.93	0	%100
17	MP1A	Y	-4.93	-4.93	0	%100
18	OVP	Y	-4.93	-4.93	0	%100
19	M36	Y	-6.505	-6.505	0	%100
20	M37	Y	-9.525	-9.525	0	%100
21	M38	Y	-9.525	-9.525	0	%100
22	M39	Y	-9.525	-9.525	0	%100
23	M40	Y	-10.035	-10.035	0	%100
24	M43	Y	-5.565	-5.565	0	%100
25	M44	Y	-5.565	-5.565	0	%100
26	M49	Y	-10.022	-10.022	0	%100
27	M50	Y	-10.022	-10.022	0	%100
28	M52	Y	-10.035	-10.035	0	%100
29	M54	Y	-10.022	-10.022	0	%100
30	M55	Y	-10.022	-10.022	0	%100
31	M57	Y	-10.035	-10.035	0	%100
32	MP4C	Y	-4.93	-4.93	0	%100
33	MP1C	Y	-4.93	-4.93	0	%100
34	M69	Y	-6.505	-6.505	0	%100
35	M70	Y	-9.525	-9.525	0	%100
36	M71	Y	-9.525	-9.525	0	%100
37	M72	Y	-9.525	-9.525	0	%100
38	M73A	Y	-10.035	-10.035	0	%100
39	M76A	Y	-5.565	-5.565	0	%100
40	M77B	Y	-5.565	-5.565	0	%100
41	M82B	Y	-10.022	-10.022	0	%100
42	M83B	Y	-10.022	-10.022	0	%100
43	M85A	Y	-10.035	-10.035	0	%100
44	M87	Y	-10.022	-10.022	0	%100
45	M88A	Y	-10.022	-10.022	0	%100
46	M90	Y	-10.035	-10.035	0	%100
47	MP4B	Y	-4.93	-4.93	0	%100
48	MP1B	Y	-4.93	-4.93	0	%100
49	M102	Y	-6.505	-6.505	0	%100
50	M107	Y	-6.505	-6.505	0	%100
51	M111	Y	-6.505	-6.505	0	%100
52	MP3C	Y	-4.93	-4.93	0	%100
53	MP2C	Y	-4.93	-4.93	0	%100
54	MP3B	Y	-4.93	-4.93	0	%100
55	MP2B	Y	-4.93	-4.93	0	%100
56	M123	Y	-7.545	-7.545	0	%100
57	M124	Y	-7.545	-7.545	0	%100
58	M125	Y	-7.545	-7.545	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	M20	X	0	0	0	%100
2	M20	Z	-12.661	-12.661	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,%]
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-11.851	-11.851	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-11.851	-11.851	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	-21.704	-21.704	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-3.133	-3.133	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-3.134	-3.134	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-5.527	-5.527	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-5.728	-5.728	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	-5.527	-5.527	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-5.728	-5.728	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-8.591	-8.591	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-8.591	-8.591	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-8.591	-8.591	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-8.591	-8.591	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-7.025	-7.025	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-3.165	-3.165	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-10.403	-10.403	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-2.963	-2.963	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-2.963	-2.963	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-5.426	-5.426	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	-2.694	-2.694	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-11.639	-11.639	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	-16.379	-16.379	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-22.106	-22.106	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,%]
55	M52	X	0	0	0	%100
56	M52	Z	-22.91	-22.91	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-16.379	-16.379	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-5.527	-5.527	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-5.728	-5.728	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-8.591	-8.591	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-8.591	-8.591	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	-3.165	-3.165	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-10.403	-10.403	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-2.963	-2.963	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	-2.963	-2.963	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	-5.426	-5.426	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-11.637	-11.637	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	-2.694	-2.694	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	-16.379	-16.379	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	-5.527	-5.527	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	-5.728	-5.728	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-16.379	-16.379	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	-22.106	-22.106	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-22.91	-22.91	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-8.591	-8.591	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-8.591	-8.591	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	-12.661	-12.661	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-3.165	-3.165	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-3.165	-3.165	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-8.591	-8.591	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-8.591	-8.591	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,%]
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-8.591	-8.591	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-8.591	-8.591	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-3.476	-3.476	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-13.902	-13.902	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-3.476	-3.476	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	M20	X	4.748	4.748	0	%100
2	M20	Z	-8.224	-8.224	0	%100
3	M72A	X	1.734	1.734	0	%100
4	M72A	Z	-3.003	-3.003	0	%100
5	M73	X	4.444	4.444	0	%100
6	M73	Z	-7.698	-7.698	0	%100
7	M74	X	4.444	4.444	0	%100
8	M74	Z	-7.698	-7.698	0	%100
9	M75	X	8.139	8.139	0	%100
10	M75	Z	-14.097	-14.097	0	%100
11	M78	X	4.474	4.474	0	%100
12	M78	Z	-7.75	-7.75	0	%100
13	M79	X	.003	.003	0	%100
14	M79	Z	-.005	-.005	0	%100
15	M84	X	2.73	2.73	0	%100
16	M84	Z	-4.728	-4.728	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	2.73	2.73	0	%100
22	M89A	Z	-4.728	-4.728	0	%100
23	M90A	X	8.29	8.29	0	%100
24	M90A	Z	-14.359	-14.359	0	%100
25	M92	X	8.591	8.591	0	%100
26	M92	Z	-14.881	-14.881	0	%100
27	MP4A	X	4.296	4.296	0	%100
28	MP4A	Z	-7.44	-7.44	0	%100
29	MP3A	X	4.296	4.296	0	%100
30	MP3A	Z	-7.44	-7.44	0	%100
31	MP2A	X	4.296	4.296	0	%100
32	MP2A	Z	-7.44	-7.44	0	%100
33	MP1A	X	4.296	4.296	0	%100
34	MP1A	Z	-7.44	-7.44	0	%100
35	OVP	X	3.513	3.513	0	%100
36	OVP	Z	-6.084	-6.084	0	%100
37	M36	X	4.748	4.748	0	%100
38	M36	Z	-8.224	-8.224	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,%]
39	M37	X	1.734	1.734	0	%100
40	M37	Z	-3.003	-3.003	0	%100
41	M38	X	4.444	4.444	0	%100
42	M38	Z	-7.698	-7.698	0	%100
43	M39	X	4.444	4.444	0	%100
44	M39	Z	-7.698	-7.698	0	%100
45	M40	X	8.139	8.139	0	%100
46	M40	Z	-14.097	-14.097	0	%100
47	M43	X	.003	.003	0	%100
48	M43	Z	-.005	-.005	0	%100
49	M44	X	4.475	4.475	0	%100
50	M44	Z	-7.751	-7.751	0	%100
51	M49	X	2.73	2.73	0	%100
52	M49	Z	-4.728	-4.728	0	%100
53	M50	X	8.29	8.29	0	%100
54	M50	Z	-14.359	-14.359	0	%100
55	M52	X	8.591	8.591	0	%100
56	M52	Z	-14.881	-14.881	0	%100
57	M54	X	2.73	2.73	0	%100
58	M54	Z	-4.728	-4.728	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	4.296	4.296	0	%100
64	MP4C	Z	-7.44	-7.44	0	%100
65	MP1C	X	4.296	4.296	0	%100
66	MP1C	Z	-7.44	-7.44	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	6.935	6.935	0	%100
70	M70	Z	-12.013	-12.013	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	4.255	4.255	0	%100
78	M76A	Z	-7.369	-7.369	0	%100
79	M77B	X	4.255	4.255	0	%100
80	M77B	Z	-7.37	-7.37	0	%100
81	M82B	X	10.919	10.919	0	%100
82	M82B	Z	-18.913	-18.913	0	%100
83	M83B	X	8.29	8.29	0	%100
84	M83B	Z	-14.359	-14.359	0	%100
85	M85A	X	8.591	8.591	0	%100
86	M85A	Z	-14.881	-14.881	0	%100
87	M87	X	10.919	10.919	0	%100
88	M87	Z	-18.913	-18.913	0	%100
89	M88A	X	8.29	8.29	0	%100
90	M88A	Z	-14.359	-14.359	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,%]
91	M90	X	8.591	8.591	0	%100
92	M90	Z	-14.881	-14.881	0	%100
93	MP4B	X	4.296	4.296	0	%100
94	MP4B	Z	-7.44	-7.44	0	%100
95	MP1B	X	4.296	4.296	0	%100
96	MP1B	Z	-7.44	-7.44	0	%100
97	M102	X	4.748	4.748	0	%100
98	M102	Z	-8.224	-8.224	0	%100
99	M107	X	4.748	4.748	0	%100
100	M107	Z	-8.224	-8.224	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	4.296	4.296	0	%100
104	MP3C	Z	-7.44	-7.44	0	%100
105	MP2C	X	4.296	4.296	0	%100
106	MP2C	Z	-7.44	-7.44	0	%100
107	MP3B	X	4.296	4.296	0	%100
108	MP3B	Z	-7.44	-7.44	0	%100
109	MP2B	X	4.296	4.296	0	%100
110	MP2B	Z	-7.44	-7.44	0	%100
111	M123	X	5.213	5.213	0	%100
112	M123	Z	-9.03	-9.03	0	%100
113	M124	X	5.213	5.213	0	%100
114	M124	Z	-9.03	-9.03	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	2.741	2.741	0	%100
2	M20	Z	-1.583	-1.583	0	%100
3	M72A	X	9.009	9.009	0	%100
4	M72A	Z	-5.202	-5.202	0	%100
5	M73	X	2.566	2.566	0	%100
6	M73	Z	-1.481	-1.481	0	%100
7	M74	X	2.566	2.566	0	%100
8	M74	Z	-1.481	-1.481	0	%100
9	M75	X	4.699	4.699	0	%100
10	M75	Z	-2.713	-2.713	0	%100
11	M78	X	10.078	10.078	0	%100
12	M78	Z	-5.818	-5.818	0	%100
13	M79	X	2.333	2.333	0	%100
14	M79	Z	-1.347	-1.347	0	%100
15	M84	X	14.184	14.184	0	%100
16	M84	Z	-8.189	-8.189	0	%100
17	M85	X	4.786	4.786	0	%100
18	M85	Z	-2.763	-2.763	0	%100
19	M87A	X	4.96	4.96	0	%100
20	M87A	Z	-2.864	-2.864	0	%100
21	M89A	X	14.184	14.184	0	%100
22	M89A	Z	-8.189	-8.189	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,%]
23	M90A	X	19.145	19.145	0	%100
24	M90A	Z	-11.053	-11.053	0	%100
25	M92	X	19.841	19.841	0	%100
26	M92	Z	-11.455	-11.455	0	%100
27	MP4A	X	7.44	7.44	0	%100
28	MP4A	Z	-4.296	-4.296	0	%100
29	MP3A	X	7.44	7.44	0	%100
30	MP3A	Z	-4.296	-4.296	0	%100
31	MP2A	X	7.44	7.44	0	%100
32	MP2A	Z	-4.296	-4.296	0	%100
33	MP1A	X	7.44	7.44	0	%100
34	MP1A	Z	-4.296	-4.296	0	%100
35	OVP	X	6.084	6.084	0	%100
36	OVP	Z	-3.513	-3.513	0	%100
37	M36	X	10.965	10.965	0	%100
38	M36	Z	-6.33	-6.33	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	10.264	10.264	0	%100
42	M38	Z	-5.926	-5.926	0	%100
43	M39	X	10.264	10.264	0	%100
44	M39	Z	-5.926	-5.926	0	%100
45	M40	X	18.797	18.797	0	%100
46	M40	Z	-10.852	-10.852	0	%100
47	M43	X	2.713	2.713	0	%100
48	M43	Z	-1.567	-1.567	0	%100
49	M44	X	2.714	2.714	0	%100
50	M44	Z	-1.567	-1.567	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	4.786	4.786	0	%100
54	M50	Z	-2.763	-2.763	0	%100
55	M52	X	4.96	4.96	0	%100
56	M52	Z	-2.864	-2.864	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	4.786	4.786	0	%100
60	M55	Z	-2.763	-2.763	0	%100
61	M57	X	4.96	4.96	0	%100
62	M57	Z	-2.864	-2.864	0	%100
63	MP4C	X	7.44	7.44	0	%100
64	MP4C	Z	-4.296	-4.296	0	%100
65	MP1C	X	7.44	7.44	0	%100
66	MP1C	Z	-4.296	-4.296	0	%100
67	M69	X	2.741	2.741	0	%100
68	M69	Z	-1.583	-1.583	0	%100
69	M70	X	9.009	9.009	0	%100
70	M70	Z	-5.202	-5.202	0	%100
71	M71	X	2.566	2.566	0	%100
72	M71	Z	-1.481	-1.481	0	%100
73	M72	X	2.566	2.566	0	%100
74	M72	Z	-1.481	-1.481	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,%]
75	M73A	X	4.699	4.699	0	%100
76	M73A	Z	-2.713	-2.713	0	%100
77	M76A	X	2.333	2.333	0	%100
78	M76A	Z	-1.347	-1.347	0	%100
79	M77B	X	10.079	10.079	0	%100
80	M77B	Z	-5.819	-5.819	0	%100
81	M82B	X	14.184	14.184	0	%100
82	M82B	Z	-8.189	-8.189	0	%100
83	M83B	X	19.145	19.145	0	%100
84	M83B	Z	-11.053	-11.053	0	%100
85	M85A	X	19.841	19.841	0	%100
86	M85A	Z	-11.455	-11.455	0	%100
87	M87	X	14.184	14.184	0	%100
88	M87	Z	-8.189	-8.189	0	%100
89	M88A	X	4.786	4.786	0	%100
90	M88A	Z	-2.763	-2.763	0	%100
91	M90	X	4.96	4.96	0	%100
92	M90	Z	-2.864	-2.864	0	%100
93	MP4B	X	7.44	7.44	0	%100
94	MP4B	Z	-4.296	-4.296	0	%100
95	MP1B	X	7.44	7.44	0	%100
96	MP1B	Z	-4.296	-4.296	0	%100
97	M102	X	2.741	2.741	0	%100
98	M102	Z	-1.583	-1.583	0	%100
99	M107	X	10.965	10.965	0	%100
100	M107	Z	-6.33	-6.33	0	%100
101	M111	X	2.741	2.741	0	%100
102	M111	Z	-1.583	-1.583	0	%100
103	MP3C	X	7.44	7.44	0	%100
104	MP3C	Z	-4.296	-4.296	0	%100
105	MP2C	X	7.44	7.44	0	%100
106	MP2C	Z	-4.296	-4.296	0	%100
107	MP3B	X	7.44	7.44	0	%100
108	MP3B	Z	-4.296	-4.296	0	%100
109	MP2B	X	7.44	7.44	0	%100
110	MP2B	Z	-4.296	-4.296	0	%100
111	M123	X	12.039	12.039	0	%100
112	M123	Z	-6.951	-6.951	0	%100
113	M124	X	3.01	3.01	0	%100
114	M124	Z	-1.738	-1.738	0	%100
115	M125	X	3.01	3.01	0	%100
116	M125	Z	-1.738	-1.738	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	13.871	13.871	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	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,%]
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	8.509	8.509	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	8.511	8.511	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	21.838	21.838	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	16.58	16.58	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	17.183	17.183	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	21.838	21.838	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	16.58	16.58	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	17.183	17.183	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	8.591	8.591	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	8.591	8.591	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	8.591	8.591	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	8.591	8.591	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	7.025	7.025	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	9.496	9.496	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	3.468	3.468	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	8.888	8.888	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	8.888	8.888	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	16.278	16.278	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	8.949	8.949	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	.006	.006	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	5.46	5.46	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	5.46	5.46	0	%100
58	M54	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,%]
59	M55	X	16.58	16.58	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	17.183	17.183	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	8.591	8.591	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	8.591	8.591	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	9.496	9.496	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	3.468	3.468	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	8.888	8.888	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	8.888	8.888	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	16.278	16.278	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	.006	.006	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	8.95	8.95	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	5.46	5.46	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	16.58	16.58	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	17.183	17.183	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	5.46	5.46	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	8.591	8.591	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	8.591	8.591	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	9.496	9.496	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	9.496	9.496	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	8.591	8.591	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	8.591	8.591	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	8.591	8.591	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	8.591	8.591	0	%100
110	MP2B	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,%]
111	M123	X	10.427	10.427	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	10.427	10.427	0	%100
116	M125	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	M20	X	2.741	2.741	0	%100
2	M20	Z	1.583	1.583	0	%100
3	M72A	X	9.009	9.009	0	%100
4	M72A	Z	5.202	5.202	0	%100
5	M73	X	2.566	2.566	0	%100
6	M73	Z	1.481	1.481	0	%100
7	M74	X	2.566	2.566	0	%100
8	M74	Z	1.481	1.481	0	%100
9	M75	X	4.699	4.699	0	%100
10	M75	Z	2.713	2.713	0	%100
11	M78	X	2.333	2.333	0	%100
12	M78	Z	1.347	1.347	0	%100
13	M79	X	10.079	10.079	0	%100
14	M79	Z	5.819	5.819	0	%100
15	M84	X	14.184	14.184	0	%100
16	M84	Z	8.189	8.189	0	%100
17	M85	X	19.145	19.145	0	%100
18	M85	Z	11.053	11.053	0	%100
19	M87A	X	19.841	19.841	0	%100
20	M87A	Z	11.455	11.455	0	%100
21	M89A	X	14.184	14.184	0	%100
22	M89A	Z	8.189	8.189	0	%100
23	M90A	X	4.786	4.786	0	%100
24	M90A	Z	2.763	2.763	0	%100
25	M92	X	4.96	4.96	0	%100
26	M92	Z	2.864	2.864	0	%100
27	MP4A	X	7.44	7.44	0	%100
28	MP4A	Z	4.296	4.296	0	%100
29	MP3A	X	7.44	7.44	0	%100
30	MP3A	Z	4.296	4.296	0	%100
31	MP2A	X	7.44	7.44	0	%100
32	MP2A	Z	4.296	4.296	0	%100
33	MP1A	X	7.44	7.44	0	%100
34	MP1A	Z	4.296	4.296	0	%100
35	OVP	X	6.084	6.084	0	%100
36	OVP	Z	3.513	3.513	0	%100
37	M36	X	2.741	2.741	0	%100
38	M36	Z	1.583	1.583	0	%100
39	M37	X	9.009	9.009	0	%100
40	M37	Z	5.202	5.202	0	%100
41	M38	X	2.566	2.566	0	%100
42	M38	Z	1.481	1.481	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,%]
43	M39	X	2.566	2.566	0	%100
44	M39	Z	1.481	1.481	0	%100
45	M40	X	4.699	4.699	0	%100
46	M40	Z	2.713	2.713	0	%100
47	M43	X	10.078	10.078	0	%100
48	M43	Z	5.818	5.818	0	%100
49	M44	X	2.333	2.333	0	%100
50	M44	Z	1.347	1.347	0	%100
51	M49	X	14.184	14.184	0	%100
52	M49	Z	8.189	8.189	0	%100
53	M50	X	4.786	4.786	0	%100
54	M50	Z	2.763	2.763	0	%100
55	M52	X	4.96	4.96	0	%100
56	M52	Z	2.864	2.864	0	%100
57	M54	X	14.184	14.184	0	%100
58	M54	Z	8.189	8.189	0	%100
59	M55	X	19.145	19.145	0	%100
60	M55	Z	11.053	11.053	0	%100
61	M57	X	19.841	19.841	0	%100
62	M57	Z	11.455	11.455	0	%100
63	MP4C	X	7.44	7.44	0	%100
64	MP4C	Z	4.296	4.296	0	%100
65	MP1C	X	7.44	7.44	0	%100
66	MP1C	Z	4.296	4.296	0	%100
67	M69	X	10.965	10.965	0	%100
68	M69	Z	6.33	6.33	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	10.264	10.264	0	%100
72	M71	Z	5.926	5.926	0	%100
73	M72	X	10.264	10.264	0	%100
74	M72	Z	5.926	5.926	0	%100
75	M73A	X	18.797	18.797	0	%100
76	M73A	Z	10.852	10.852	0	%100
77	M76A	X	2.713	2.713	0	%100
78	M76A	Z	1.567	1.567	0	%100
79	M77B	X	2.714	2.714	0	%100
80	M77B	Z	1.567	1.567	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	4.786	4.786	0	%100
84	M83B	Z	2.763	2.763	0	%100
85	M85A	X	4.96	4.96	0	%100
86	M85A	Z	2.864	2.864	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	4.786	4.786	0	%100
90	M88A	Z	2.763	2.763	0	%100
91	M90	X	4.96	4.96	0	%100
92	M90	Z	2.864	2.864	0	%100
93	MP4B	X	7.44	7.44	0	%100
94	MP4B	Z	4.296	4.296	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,%]
95	MP1B	X	7.44	7.44	0	%100
96	MP1B	Z	4.296	4.296	0	%100
97	M102	X	2.741	2.741	0	%100
98	M102	Z	1.583	1.583	0	%100
99	M107	X	2.741	2.741	0	%100
100	M107	Z	1.583	1.583	0	%100
101	M111	X	10.965	10.965	0	%100
102	M111	Z	6.33	6.33	0	%100
103	MP3C	X	7.44	7.44	0	%100
104	MP3C	Z	4.296	4.296	0	%100
105	MP2C	X	7.44	7.44	0	%100
106	MP2C	Z	4.296	4.296	0	%100
107	MP3B	X	7.44	7.44	0	%100
108	MP3B	Z	4.296	4.296	0	%100
109	MP2B	X	7.44	7.44	0	%100
110	MP2B	Z	4.296	4.296	0	%100
111	M123	X	3.01	3.01	0	%100
112	M123	Z	1.738	1.738	0	%100
113	M124	X	3.01	3.01	0	%100
114	M124	Z	1.738	1.738	0	%100
115	M125	X	12.039	12.039	0	%100
116	M125	Z	6.951	6.951	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	M20	X	4.748	4.748	0	%100
2	M20	Z	8.224	8.224	0	%100
3	M72A	X	1.734	1.734	0	%100
4	M72A	Z	3.003	3.003	0	%100
5	M73	X	4.444	4.444	0	%100
6	M73	Z	7.698	7.698	0	%100
7	M74	X	4.444	4.444	0	%100
8	M74	Z	7.698	7.698	0	%100
9	M75	X	8.139	8.139	0	%100
10	M75	Z	14.097	14.097	0	%100
11	M78	X	.003	.003	0	%100
12	M78	Z	.005	.005	0	%100
13	M79	X	4.475	4.475	0	%100
14	M79	Z	7.751	7.751	0	%100
15	M84	X	2.73	2.73	0	%100
16	M84	Z	4.728	4.728	0	%100
17	M85	X	8.29	8.29	0	%100
18	M85	Z	14.359	14.359	0	%100
19	M87A	X	8.591	8.591	0	%100
20	M87A	Z	14.881	14.881	0	%100
21	M89A	X	2.73	2.73	0	%100
22	M89A	Z	4.728	4.728	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	MP4A	X	4.296	4.296	0	%100
28	MP4A	Z	7.44	7.44	0	%100
29	MP3A	X	4.296	4.296	0	%100
30	MP3A	Z	7.44	7.44	0	%100
31	MP2A	X	4.296	4.296	0	%100
32	MP2A	Z	7.44	7.44	0	%100
33	MP1A	X	4.296	4.296	0	%100
34	MP1A	Z	7.44	7.44	0	%100
35	OVP	X	3.513	3.513	0	%100
36	OVP	Z	6.084	6.084	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	6.935	6.935	0	%100
40	M37	Z	12.013	12.013	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	4.255	4.255	0	%100
48	M43	Z	7.369	7.369	0	%100
49	M44	X	4.255	4.255	0	%100
50	M44	Z	7.37	7.37	0	%100
51	M49	X	10.919	10.919	0	%100
52	M49	Z	18.913	18.913	0	%100
53	M50	X	8.29	8.29	0	%100
54	M50	Z	14.359	14.359	0	%100
55	M52	X	8.591	8.591	0	%100
56	M52	Z	14.881	14.881	0	%100
57	M54	X	10.919	10.919	0	%100
58	M54	Z	18.913	18.913	0	%100
59	M55	X	8.29	8.29	0	%100
60	M55	Z	14.359	14.359	0	%100
61	M57	X	8.591	8.591	0	%100
62	M57	Z	14.881	14.881	0	%100
63	MP4C	X	4.296	4.296	0	%100
64	MP4C	Z	7.44	7.44	0	%100
65	MP1C	X	4.296	4.296	0	%100
66	MP1C	Z	7.44	7.44	0	%100
67	M69	X	4.748	4.748	0	%100
68	M69	Z	8.224	8.224	0	%100
69	M70	X	1.734	1.734	0	%100
70	M70	Z	3.003	3.003	0	%100
71	M71	X	4.444	4.444	0	%100
72	M71	Z	7.698	7.698	0	%100
73	M72	X	4.444	4.444	0	%100
74	M72	Z	7.698	7.698	0	%100
75	M73A	X	8.139	8.139	0	%100
76	M73A	Z	14.097	14.097	0	%100
77	M76A	X	4.474	4.474	0	%100
78	M76A	Z	7.75	7.75	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,%]
79	M77B	X	.003	.003	0	%100
80	M77B	Z	.005	.005	0	%100
81	M82B	X	2.73	2.73	0	%100
82	M82B	Z	4.728	4.728	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	2.73	2.73	0	%100
88	M87	Z	4.728	4.728	0	%100
89	M88A	X	8.29	8.29	0	%100
90	M88A	Z	14.359	14.359	0	%100
91	M90	X	8.591	8.591	0	%100
92	M90	Z	14.881	14.881	0	%100
93	MP4B	X	4.296	4.296	0	%100
94	MP4B	Z	7.44	7.44	0	%100
95	MP1B	X	4.296	4.296	0	%100
96	MP1B	Z	7.44	7.44	0	%100
97	M102	X	4.748	4.748	0	%100
98	M102	Z	8.224	8.224	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	4.748	4.748	0	%100
102	M111	Z	8.224	8.224	0	%100
103	MP3C	X	4.296	4.296	0	%100
104	MP3C	Z	7.44	7.44	0	%100
105	MP2C	X	4.296	4.296	0	%100
106	MP2C	Z	7.44	7.44	0	%100
107	MP3B	X	4.296	4.296	0	%100
108	MP3B	Z	7.44	7.44	0	%100
109	MP2B	X	4.296	4.296	0	%100
110	MP2B	Z	7.44	7.44	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	5.213	5.213	0	%100
114	M124	Z	9.03	9.03	0	%100
115	M125	X	5.213	5.213	0	%100
116	M125	Z	9.03	9.03	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	M20	X	0	0	0	%100
2	M20	Z	12.661	12.661	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	11.851	11.851	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	11.851	11.851	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	21.704	21.704	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,%]
11	M78	X	0	0	0	%100
12	M78	Z	3.133	3.133	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	3.134	3.134	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	5.527	5.527	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	5.728	5.728	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	5.527	5.527	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	5.728	5.728	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	8.591	8.591	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	8.591	8.591	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	8.591	8.591	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	8.591	8.591	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	7.025	7.025	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	3.165	3.165	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	10.403	10.403	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	2.963	2.963	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	2.963	2.963	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	5.426	5.426	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	2.694	2.694	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	11.639	11.639	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	16.379	16.379	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	22.106	22.106	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	22.91	22.91	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	16.379	16.379	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	5.527	5.527	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	5.728	5.728	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,%]
63	MP4C	X	0	0	0	%100
64	MP4C	Z	8.591	8.591	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	8.591	8.591	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	3.165	3.165	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	10.403	10.403	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	2.963	2.963	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	2.963	2.963	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	5.426	5.426	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	11.637	11.637	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	2.694	2.694	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	16.379	16.379	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	5.527	5.527	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	5.728	5.728	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	16.379	16.379	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	22.106	22.106	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	22.91	22.91	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	8.591	8.591	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	8.591	8.591	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	12.661	12.661	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	3.165	3.165	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	3.165	3.165	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	8.591	8.591	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	8.591	8.591	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	8.591	8.591	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	8.591	8.591	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	3.476	3.476	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	13.902	13.902	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,%]
115	M125	X	0	0	0	%100
116	M125	Z	3.476	3.476	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	M20	X	-4.748	-4.748	0	%100
2	M20	Z	8.224	8.224	0	%100
3	M72A	X	-1.734	-1.734	0	%100
4	M72A	Z	3.003	3.003	0	%100
5	M73	X	-4.444	-4.444	0	%100
6	M73	Z	7.698	7.698	0	%100
7	M74	X	-4.444	-4.444	0	%100
8	M74	Z	7.698	7.698	0	%100
9	M75	X	-8.139	-8.139	0	%100
10	M75	Z	14.097	14.097	0	%100
11	M78	X	-4.474	-4.474	0	%100
12	M78	Z	7.75	7.75	0	%100
13	M79	X	-.003	-.003	0	%100
14	M79	Z	.005	.005	0	%100
15	M84	X	-2.73	-2.73	0	%100
16	M84	Z	4.728	4.728	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-2.73	-2.73	0	%100
22	M89A	Z	4.728	4.728	0	%100
23	M90A	X	-8.29	-8.29	0	%100
24	M90A	Z	14.359	14.359	0	%100
25	M92	X	-8.591	-8.591	0	%100
26	M92	Z	14.881	14.881	0	%100
27	MP4A	X	-4.296	-4.296	0	%100
28	MP4A	Z	7.44	7.44	0	%100
29	MP3A	X	-4.296	-4.296	0	%100
30	MP3A	Z	7.44	7.44	0	%100
31	MP2A	X	-4.296	-4.296	0	%100
32	MP2A	Z	7.44	7.44	0	%100
33	MP1A	X	-4.296	-4.296	0	%100
34	MP1A	Z	7.44	7.44	0	%100
35	OVP	X	-3.513	-3.513	0	%100
36	OVP	Z	6.084	6.084	0	%100
37	M36	X	-4.748	-4.748	0	%100
38	M36	Z	8.224	8.224	0	%100
39	M37	X	-1.734	-1.734	0	%100
40	M37	Z	3.003	3.003	0	%100
41	M38	X	-4.444	-4.444	0	%100
42	M38	Z	7.698	7.698	0	%100
43	M39	X	-4.444	-4.444	0	%100
44	M39	Z	7.698	7.698	0	%100
45	M40	X	-8.139	-8.139	0	%100
46	M40	Z	14.097	14.097	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,%]
47	M43	X	-.003	-.003	0	%100
48	M43	Z	.005	.005	0	%100
49	M44	X	-4.475	-4.475	0	%100
50	M44	Z	7.751	7.751	0	%100
51	M49	X	-2.73	-2.73	0	%100
52	M49	Z	4.728	4.728	0	%100
53	M50	X	-8.29	-8.29	0	%100
54	M50	Z	14.359	14.359	0	%100
55	M52	X	-8.591	-8.591	0	%100
56	M52	Z	14.881	14.881	0	%100
57	M54	X	-2.73	-2.73	0	%100
58	M54	Z	4.728	4.728	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-4.296	-4.296	0	%100
64	MP4C	Z	7.44	7.44	0	%100
65	MP1C	X	-4.296	-4.296	0	%100
66	MP1C	Z	7.44	7.44	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-6.935	-6.935	0	%100
70	M70	Z	12.013	12.013	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-4.255	-4.255	0	%100
78	M76A	Z	7.369	7.369	0	%100
79	M77B	X	-4.255	-4.255	0	%100
80	M77B	Z	7.37	7.37	0	%100
81	M82B	X	-10.919	-10.919	0	%100
82	M82B	Z	18.913	18.913	0	%100
83	M83B	X	-8.29	-8.29	0	%100
84	M83B	Z	14.359	14.359	0	%100
85	M85A	X	-8.591	-8.591	0	%100
86	M85A	Z	14.881	14.881	0	%100
87	M87	X	-10.919	-10.919	0	%100
88	M87	Z	18.913	18.913	0	%100
89	M88A	X	-8.29	-8.29	0	%100
90	M88A	Z	14.359	14.359	0	%100
91	M90	X	-8.591	-8.591	0	%100
92	M90	Z	14.881	14.881	0	%100
93	MP4B	X	-4.296	-4.296	0	%100
94	MP4B	Z	7.44	7.44	0	%100
95	MP1B	X	-4.296	-4.296	0	%100
96	MP1B	Z	7.44	7.44	0	%100
97	M102	X	-4.748	-4.748	0	%100
98	M102	Z	8.224	8.224	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,%]
99	M107	X	-4.748	-4.748	0	%100
100	M107	Z	8.224	8.224	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-4.296	-4.296	0	%100
104	MP3C	Z	7.44	7.44	0	%100
105	MP2C	X	-4.296	-4.296	0	%100
106	MP2C	Z	7.44	7.44	0	%100
107	MP3B	X	-4.296	-4.296	0	%100
108	MP3B	Z	7.44	7.44	0	%100
109	MP2B	X	-4.296	-4.296	0	%100
110	MP2B	Z	7.44	7.44	0	%100
111	M123	X	-5.213	-5.213	0	%100
112	M123	Z	9.03	9.03	0	%100
113	M124	X	-5.213	-5.213	0	%100
114	M124	Z	9.03	9.03	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-2.741	-2.741	0	%100
2	M20	Z	1.583	1.583	0	%100
3	M72A	X	-9.009	-9.009	0	%100
4	M72A	Z	5.202	5.202	0	%100
5	M73	X	-2.566	-2.566	0	%100
6	M73	Z	1.481	1.481	0	%100
7	M74	X	-2.566	-2.566	0	%100
8	M74	Z	1.481	1.481	0	%100
9	M75	X	-4.699	-4.699	0	%100
10	M75	Z	2.713	2.713	0	%100
11	M78	X	-10.078	-10.078	0	%100
12	M78	Z	5.818	5.818	0	%100
13	M79	X	-2.333	-2.333	0	%100
14	M79	Z	1.347	1.347	0	%100
15	M84	X	-14.184	-14.184	0	%100
16	M84	Z	8.189	8.189	0	%100
17	M85	X	-4.786	-4.786	0	%100
18	M85	Z	2.763	2.763	0	%100
19	M87A	X	-4.96	-4.96	0	%100
20	M87A	Z	2.864	2.864	0	%100
21	M89A	X	-14.184	-14.184	0	%100
22	M89A	Z	8.189	8.189	0	%100
23	M90A	X	-19.145	-19.145	0	%100
24	M90A	Z	11.053	11.053	0	%100
25	M92	X	-19.841	-19.841	0	%100
26	M92	Z	11.455	11.455	0	%100
27	MP4A	X	-7.44	-7.44	0	%100
28	MP4A	Z	4.296	4.296	0	%100
29	MP3A	X	-7.44	-7.44	0	%100
30	MP3A	Z	4.296	4.296	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,%]
31	MP2A	X	-7.44	-7.44	0	%100
32	MP2A	Z	4.296	4.296	0	%100
33	MP1A	X	-7.44	-7.44	0	%100
34	MP1A	Z	4.296	4.296	0	%100
35	OVP	X	-6.084	-6.084	0	%100
36	OVP	Z	3.513	3.513	0	%100
37	M36	X	-10.965	-10.965	0	%100
38	M36	Z	6.33	6.33	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-10.264	-10.264	0	%100
42	M38	Z	5.926	5.926	0	%100
43	M39	X	-10.264	-10.264	0	%100
44	M39	Z	5.926	5.926	0	%100
45	M40	X	-18.797	-18.797	0	%100
46	M40	Z	10.852	10.852	0	%100
47	M43	X	-2.713	-2.713	0	%100
48	M43	Z	1.567	1.567	0	%100
49	M44	X	-2.714	-2.714	0	%100
50	M44	Z	1.567	1.567	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	-4.786	-4.786	0	%100
54	M50	Z	2.763	2.763	0	%100
55	M52	X	-4.96	-4.96	0	%100
56	M52	Z	2.864	2.864	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-4.786	-4.786	0	%100
60	M55	Z	2.763	2.763	0	%100
61	M57	X	-4.96	-4.96	0	%100
62	M57	Z	2.864	2.864	0	%100
63	MP4C	X	-7.44	-7.44	0	%100
64	MP4C	Z	4.296	4.296	0	%100
65	MP1C	X	-7.44	-7.44	0	%100
66	MP1C	Z	4.296	4.296	0	%100
67	M69	X	-2.741	-2.741	0	%100
68	M69	Z	1.583	1.583	0	%100
69	M70	X	-9.009	-9.009	0	%100
70	M70	Z	5.202	5.202	0	%100
71	M71	X	-2.566	-2.566	0	%100
72	M71	Z	1.481	1.481	0	%100
73	M72	X	-2.566	-2.566	0	%100
74	M72	Z	1.481	1.481	0	%100
75	M73A	X	-4.699	-4.699	0	%100
76	M73A	Z	2.713	2.713	0	%100
77	M76A	X	-2.333	-2.333	0	%100
78	M76A	Z	1.347	1.347	0	%100
79	M77B	X	-10.079	-10.079	0	%100
80	M77B	Z	5.819	5.819	0	%100
81	M82B	X	-14.184	-14.184	0	%100
82	M82B	Z	8.189	8.189	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,%]
83	M83B	X	-19.145	-19.145	0	%100
84	M83B	Z	11.053	11.053	0	%100
85	M85A	X	-19.841	-19.841	0	%100
86	M85A	Z	11.455	11.455	0	%100
87	M87	X	-14.184	-14.184	0	%100
88	M87	Z	8.189	8.189	0	%100
89	M88A	X	-4.786	-4.786	0	%100
90	M88A	Z	2.763	2.763	0	%100
91	M90	X	-4.96	-4.96	0	%100
92	M90	Z	2.864	2.864	0	%100
93	MP4B	X	-7.44	-7.44	0	%100
94	MP4B	Z	4.296	4.296	0	%100
95	MP1B	X	-7.44	-7.44	0	%100
96	MP1B	Z	4.296	4.296	0	%100
97	M102	X	-2.741	-2.741	0	%100
98	M102	Z	1.583	1.583	0	%100
99	M107	X	-10.965	-10.965	0	%100
100	M107	Z	6.33	6.33	0	%100
101	M111	X	-2.741	-2.741	0	%100
102	M111	Z	1.583	1.583	0	%100
103	MP3C	X	-7.44	-7.44	0	%100
104	MP3C	Z	4.296	4.296	0	%100
105	MP2C	X	-7.44	-7.44	0	%100
106	MP2C	Z	4.296	4.296	0	%100
107	MP3B	X	-7.44	-7.44	0	%100
108	MP3B	Z	4.296	4.296	0	%100
109	MP2B	X	-7.44	-7.44	0	%100
110	MP2B	Z	4.296	4.296	0	%100
111	M123	X	-12.039	-12.039	0	%100
112	M123	Z	6.951	6.951	0	%100
113	M124	X	-3.01	-3.01	0	%100
114	M124	Z	1.738	1.738	0	%100
115	M125	X	-3.01	-3.01	0	%100
116	M125	Z	1.738	1.738	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-13.871	-13.871	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-8.509	-8.509	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-8.511	-8.511	0	%100
14	M79	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,%]
15	M84	X	-21.838	-21.838	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-16.58	-16.58	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-17.183	-17.183	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-21.838	-21.838	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-16.58	-16.58	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-17.183	-17.183	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-8.591	-8.591	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-8.591	-8.591	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-8.591	-8.591	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-8.591	-8.591	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	-7.025	-7.025	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	-9.496	-9.496	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-3.468	-3.468	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-8.888	-8.888	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-8.888	-8.888	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-16.278	-16.278	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-8.949	-8.949	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	-.006	-.006	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	-5.46	-5.46	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	-5.46	-5.46	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-16.58	-16.58	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-17.183	-17.183	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-8.591	-8.591	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	-8.591	-8.591	0	%100
66	MP1C	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,%]
67	M69	X	-9.496	-9.496	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-3.468	-3.468	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-8.888	-8.888	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	-8.888	-8.888	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	-16.278	-16.278	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-.006	-.006	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	-8.95	-8.95	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	-5.46	-5.46	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-16.58	-16.58	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	-17.183	-17.183	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-5.46	-5.46	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	-8.591	-8.591	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	-8.591	-8.591	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-9.496	-9.496	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-9.496	-9.496	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-8.591	-8.591	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	-8.591	-8.591	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	-8.591	-8.591	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	-8.591	-8.591	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	-10.427	-10.427	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-10.427	-10.427	0	%100
116	M125	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	M20	X	-2.741	-2.741	0	%100
2	M20	Z	-1.583	-1.583	0	%100
3	M72A	X	-9.009	-9.009	0	%100
4	M72A	Z	-5.202	-5.202	0	%100
5	M73	X	-2.566	-2.566	0	%100
6	M73	Z	-1.481	-1.481	0	%100
7	M74	X	-2.566	-2.566	0	%100
8	M74	Z	-1.481	-1.481	0	%100
9	M75	X	-4.699	-4.699	0	%100
10	M75	Z	-2.713	-2.713	0	%100
11	M78	X	-2.333	-2.333	0	%100
12	M78	Z	-1.347	-1.347	0	%100
13	M79	X	-10.079	-10.079	0	%100
14	M79	Z	-5.819	-5.819	0	%100
15	M84	X	-14.184	-14.184	0	%100
16	M84	Z	-8.189	-8.189	0	%100
17	M85	X	-19.145	-19.145	0	%100
18	M85	Z	-11.053	-11.053	0	%100
19	M87A	X	-19.841	-19.841	0	%100
20	M87A	Z	-11.455	-11.455	0	%100
21	M89A	X	-14.184	-14.184	0	%100
22	M89A	Z	-8.189	-8.189	0	%100
23	M90A	X	-4.786	-4.786	0	%100
24	M90A	Z	-2.763	-2.763	0	%100
25	M92	X	-4.96	-4.96	0	%100
26	M92	Z	-2.864	-2.864	0	%100
27	MP4A	X	-7.44	-7.44	0	%100
28	MP4A	Z	-4.296	-4.296	0	%100
29	MP3A	X	-7.44	-7.44	0	%100
30	MP3A	Z	-4.296	-4.296	0	%100
31	MP2A	X	-7.44	-7.44	0	%100
32	MP2A	Z	-4.296	-4.296	0	%100
33	MP1A	X	-7.44	-7.44	0	%100
34	MP1A	Z	-4.296	-4.296	0	%100
35	OVP	X	-6.084	-6.084	0	%100
36	OVP	Z	-3.513	-3.513	0	%100
37	M36	X	-2.741	-2.741	0	%100
38	M36	Z	-1.583	-1.583	0	%100
39	M37	X	-9.009	-9.009	0	%100
40	M37	Z	-5.202	-5.202	0	%100
41	M38	X	-2.566	-2.566	0	%100
42	M38	Z	-1.481	-1.481	0	%100
43	M39	X	-2.566	-2.566	0	%100
44	M39	Z	-1.481	-1.481	0	%100
45	M40	X	-4.699	-4.699	0	%100
46	M40	Z	-2.713	-2.713	0	%100
47	M43	X	-10.078	-10.078	0	%100
48	M43	Z	-5.818	-5.818	0	%100
49	M44	X	-2.333	-2.333	0	%100
50	M44	Z	-1.347	-1.347	0	%100
51	M49	X	-14.184	-14.184	0	%100
52	M49	Z	-8.189	-8.189	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,%]
53	M50	X	-4.786	-4.786	0	%100
54	M50	Z	-2.763	-2.763	0	%100
55	M52	X	-4.96	-4.96	0	%100
56	M52	Z	-2.864	-2.864	0	%100
57	M54	X	-14.184	-14.184	0	%100
58	M54	Z	-8.189	-8.189	0	%100
59	M55	X	-19.145	-19.145	0	%100
60	M55	Z	-11.053	-11.053	0	%100
61	M57	X	-19.841	-19.841	0	%100
62	M57	Z	-11.455	-11.455	0	%100
63	MP4C	X	-7.44	-7.44	0	%100
64	MP4C	Z	-4.296	-4.296	0	%100
65	MP1C	X	-7.44	-7.44	0	%100
66	MP1C	Z	-4.296	-4.296	0	%100
67	M69	X	-10.965	-10.965	0	%100
68	M69	Z	-6.33	-6.33	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-10.264	-10.264	0	%100
72	M71	Z	-5.926	-5.926	0	%100
73	M72	X	-10.264	-10.264	0	%100
74	M72	Z	-5.926	-5.926	0	%100
75	M73A	X	-18.797	-18.797	0	%100
76	M73A	Z	-10.852	-10.852	0	%100
77	M76A	X	-2.713	-2.713	0	%100
78	M76A	Z	-1.567	-1.567	0	%100
79	M77B	X	-2.714	-2.714	0	%100
80	M77B	Z	-1.567	-1.567	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-4.786	-4.786	0	%100
84	M83B	Z	-2.763	-2.763	0	%100
85	M85A	X	-4.96	-4.96	0	%100
86	M85A	Z	-2.864	-2.864	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	-4.786	-4.786	0	%100
90	M88A	Z	-2.763	-2.763	0	%100
91	M90	X	-4.96	-4.96	0	%100
92	M90	Z	-2.864	-2.864	0	%100
93	MP4B	X	-7.44	-7.44	0	%100
94	MP4B	Z	-4.296	-4.296	0	%100
95	MP1B	X	-7.44	-7.44	0	%100
96	MP1B	Z	-4.296	-4.296	0	%100
97	M102	X	-2.741	-2.741	0	%100
98	M102	Z	-1.583	-1.583	0	%100
99	M107	X	-2.741	-2.741	0	%100
100	M107	Z	-1.583	-1.583	0	%100
101	M111	X	-10.965	-10.965	0	%100
102	M111	Z	-6.33	-6.33	0	%100
103	MP3C	X	-7.44	-7.44	0	%100
104	MP3C	Z	-4.296	-4.296	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,%]
105	MP2C	X	-7.44	-7.44	0	%100
106	MP2C	Z	-4.296	-4.296	0	%100
107	MP3B	X	-7.44	-7.44	0	%100
108	MP3B	Z	-4.296	-4.296	0	%100
109	MP2B	X	-7.44	-7.44	0	%100
110	MP2B	Z	-4.296	-4.296	0	%100
111	M123	X	-3.01	-3.01	0	%100
112	M123	Z	-1.738	-1.738	0	%100
113	M124	X	-3.01	-3.01	0	%100
114	M124	Z	-1.738	-1.738	0	%100
115	M125	X	-12.039	-12.039	0	%100
116	M125	Z	-6.951	-6.951	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	M20	X	-4.748	-4.748	0	%100
2	M20	Z	-8.224	-8.224	0	%100
3	M72A	X	-1.734	-1.734	0	%100
4	M72A	Z	-3.003	-3.003	0	%100
5	M73	X	-4.444	-4.444	0	%100
6	M73	Z	-7.698	-7.698	0	%100
7	M74	X	-4.444	-4.444	0	%100
8	M74	Z	-7.698	-7.698	0	%100
9	M75	X	-8.139	-8.139	0	%100
10	M75	Z	-14.097	-14.097	0	%100
11	M78	X	-.003	-.003	0	%100
12	M78	Z	-.005	-.005	0	%100
13	M79	X	-4.475	-4.475	0	%100
14	M79	Z	-7.751	-7.751	0	%100
15	M84	X	-2.73	-2.73	0	%100
16	M84	Z	-4.728	-4.728	0	%100
17	M85	X	-8.29	-8.29	0	%100
18	M85	Z	-14.359	-14.359	0	%100
19	M87A	X	-8.591	-8.591	0	%100
20	M87A	Z	-14.881	-14.881	0	%100
21	M89A	X	-2.73	-2.73	0	%100
22	M89A	Z	-4.728	-4.728	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-4.296	-4.296	0	%100
28	MP4A	Z	-7.44	-7.44	0	%100
29	MP3A	X	-4.296	-4.296	0	%100
30	MP3A	Z	-7.44	-7.44	0	%100
31	MP2A	X	-4.296	-4.296	0	%100
32	MP2A	Z	-7.44	-7.44	0	%100
33	MP1A	X	-4.296	-4.296	0	%100
34	MP1A	Z	-7.44	-7.44	0	%100
35	OVP	X	-3.513	-3.513	0	%100
36	OVP	Z	-6.084	-6.084	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,%]
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-6.935	-6.935	0	%100
40	M37	Z	-12.013	-12.013	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-4.255	-4.255	0	%100
48	M43	Z	-7.369	-7.369	0	%100
49	M44	X	-4.255	-4.255	0	%100
50	M44	Z	-7.37	-7.37	0	%100
51	M49	X	-10.919	-10.919	0	%100
52	M49	Z	-18.913	-18.913	0	%100
53	M50	X	-8.29	-8.29	0	%100
54	M50	Z	-14.359	-14.359	0	%100
55	M52	X	-8.591	-8.591	0	%100
56	M52	Z	-14.881	-14.881	0	%100
57	M54	X	-10.919	-10.919	0	%100
58	M54	Z	-18.913	-18.913	0	%100
59	M55	X	-8.29	-8.29	0	%100
60	M55	Z	-14.359	-14.359	0	%100
61	M57	X	-8.591	-8.591	0	%100
62	M57	Z	-14.881	-14.881	0	%100
63	MP4C	X	-4.296	-4.296	0	%100
64	MP4C	Z	-7.44	-7.44	0	%100
65	MP1C	X	-4.296	-4.296	0	%100
66	MP1C	Z	-7.44	-7.44	0	%100
67	M69	X	-4.748	-4.748	0	%100
68	M69	Z	-8.224	-8.224	0	%100
69	M70	X	-1.734	-1.734	0	%100
70	M70	Z	-3.003	-3.003	0	%100
71	M71	X	-4.444	-4.444	0	%100
72	M71	Z	-7.698	-7.698	0	%100
73	M72	X	-4.444	-4.444	0	%100
74	M72	Z	-7.698	-7.698	0	%100
75	M73A	X	-8.139	-8.139	0	%100
76	M73A	Z	-14.097	-14.097	0	%100
77	M76A	X	-4.474	-4.474	0	%100
78	M76A	Z	-7.75	-7.75	0	%100
79	M77B	X	-.003	-.003	0	%100
80	M77B	Z	-.005	-.005	0	%100
81	M82B	X	-2.73	-2.73	0	%100
82	M82B	Z	-4.728	-4.728	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-2.73	-2.73	0	%100
88	M87	Z	-4.728	-4.728	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,%]
89	M88A	X	-8.29	-8.29	0	%100
90	M88A	Z	-14.359	-14.359	0	%100
91	M90	X	-8.591	-8.591	0	%100
92	M90	Z	-14.881	-14.881	0	%100
93	MP4B	X	-4.296	-4.296	0	%100
94	MP4B	Z	-7.44	-7.44	0	%100
95	MP1B	X	-4.296	-4.296	0	%100
96	MP1B	Z	-7.44	-7.44	0	%100
97	M102	X	-4.748	-4.748	0	%100
98	M102	Z	-8.224	-8.224	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-4.748	-4.748	0	%100
102	M111	Z	-8.224	-8.224	0	%100
103	MP3C	X	-4.296	-4.296	0	%100
104	MP3C	Z	-7.44	-7.44	0	%100
105	MP2C	X	-4.296	-4.296	0	%100
106	MP2C	Z	-7.44	-7.44	0	%100
107	MP3B	X	-4.296	-4.296	0	%100
108	MP3B	Z	-7.44	-7.44	0	%100
109	MP2B	X	-4.296	-4.296	0	%100
110	MP2B	Z	-7.44	-7.44	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-5.213	-5.213	0	%100
114	M124	Z	-9.03	-9.03	0	%100
115	M125	X	-5.213	-5.213	0	%100
116	M125	Z	-9.03	-9.03	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	M20	X	0	0	0	%100
2	M20	Z	-3.352	-3.352	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-2.918	-2.918	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-2.918	-2.918	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	-4.326	-4.326	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-.825	-.825	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-.825	-.825	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-1.078	-1.078	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-1.11	-1.11	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,%]
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	-1.078	-1.078	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-1.11	-1.11	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-2.701	-2.701	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-2.701	-2.701	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-2.701	-2.701	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-2.701	-2.701	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-2.222	-2.222	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-.838	-.838	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-2.66	-2.66	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-.73	-.73	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.73	-.73	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-1.081	-1.081	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	-.71	-.71	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-3.066	-3.066	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	-3.201	-3.201	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-4.311	-4.311	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-4.44	-4.44	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-3.201	-3.201	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-1.078	-1.078	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-1.11	-1.11	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-2.701	-2.701	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-2.701	-2.701	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	-.838	-.838	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-2.66	-2.66	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-.73	-.73	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,%]
73	M72	X	0	0	0	%100
74	M72	Z	-.73	-.73	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	-1.081	-1.081	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-3.065	-3.065	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	-.71	-.71	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	-3.201	-3.201	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	-1.078	-1.078	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	-1.11	-1.11	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-3.201	-3.201	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	-4.311	-4.311	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-4.44	-4.44	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	-2.701	-2.701	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-2.701	-2.701	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	-3.352	-3.352	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-.838	-.838	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-.838	-.838	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-2.701	-2.701	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-2.701	-2.701	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-2.701	-2.701	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-2.701	-2.701	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.824	-.824	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-3.294	-3.294	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.824	-.824	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	M20	X	1.257	1.257	0	%100
2	M20	Z	-2.177	-2.177	0	%100
3	M72A	X	.443	.443	0	%100
4	M72A	Z	-.768	-.768	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,%]
5	M73	X	1.094	1.094	0	%100
6	M73	Z	-1.895	-1.895	0	%100
7	M74	X	1.094	1.094	0	%100
8	M74	Z	-1.895	-1.895	0	%100
9	M75	X	1.622	1.622	0	%100
10	M75	Z	-2.81	-2.81	0	%100
11	M78	X	1.179	1.179	0	%100
12	M78	Z	-2.041	-2.041	0	%100
13	M79	X	.000729	.000729	0	%100
14	M79	Z	-.001	-.001	0	%100
15	M84	X	.534	.534	0	%100
16	M84	Z	-.924	-.924	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	.534	.534	0	%100
22	M89A	Z	-.924	-.924	0	%100
23	M90A	X	1.617	1.617	0	%100
24	M90A	Z	-2.8	-2.8	0	%100
25	M92	X	1.665	1.665	0	%100
26	M92	Z	-2.884	-2.884	0	%100
27	MP4A	X	1.351	1.351	0	%100
28	MP4A	Z	-2.339	-2.339	0	%100
29	MP3A	X	1.351	1.351	0	%100
30	MP3A	Z	-2.339	-2.339	0	%100
31	MP2A	X	1.351	1.351	0	%100
32	MP2A	Z	-2.339	-2.339	0	%100
33	MP1A	X	1.351	1.351	0	%100
34	MP1A	Z	-2.339	-2.339	0	%100
35	OVP	X	1.111	1.111	0	%100
36	OVP	Z	-1.925	-1.925	0	%100
37	M36	X	1.257	1.257	0	%100
38	M36	Z	-2.177	-2.177	0	%100
39	M37	X	.443	.443	0	%100
40	M37	Z	-.768	-.768	0	%100
41	M38	X	1.094	1.094	0	%100
42	M38	Z	-1.895	-1.895	0	%100
43	M39	X	1.094	1.094	0	%100
44	M39	Z	-1.895	-1.895	0	%100
45	M40	X	1.622	1.622	0	%100
46	M40	Z	-2.81	-2.81	0	%100
47	M43	X	.000729	.000729	0	%100
48	M43	Z	-.001	-.001	0	%100
49	M44	X	1.179	1.179	0	%100
50	M44	Z	-2.042	-2.042	0	%100
51	M49	X	.534	.534	0	%100
52	M49	Z	-.924	-.924	0	%100
53	M50	X	1.617	1.617	0	%100
54	M50	Z	-2.8	-2.8	0	%100
55	M52	X	1.665	1.665	0	%100
56	M52	Z	-2.884	-2.884	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,%]
57	M54	X	.534	.534	0	%100
58	M54	Z	-.924	-.924	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	1.351	1.351	0	%100
64	MP4C	Z	-2.339	-2.339	0	%100
65	MP1C	X	1.351	1.351	0	%100
66	MP1C	Z	-2.339	-2.339	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	1.773	1.773	0	%100
70	M70	Z	-3.071	-3.071	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	1.121	1.121	0	%100
78	M76A	Z	-1.941	-1.941	0	%100
79	M77B	X	1.121	1.121	0	%100
80	M77B	Z	-1.941	-1.941	0	%100
81	M82B	X	2.134	2.134	0	%100
82	M82B	Z	-3.696	-3.696	0	%100
83	M83B	X	1.617	1.617	0	%100
84	M83B	Z	-2.8	-2.8	0	%100
85	M85A	X	1.665	1.665	0	%100
86	M85A	Z	-2.884	-2.884	0	%100
87	M87	X	2.134	2.134	0	%100
88	M87	Z	-3.696	-3.696	0	%100
89	M88A	X	1.617	1.617	0	%100
90	M88A	Z	-2.8	-2.8	0	%100
91	M90	X	1.665	1.665	0	%100
92	M90	Z	-2.884	-2.884	0	%100
93	MP4B	X	1.351	1.351	0	%100
94	MP4B	Z	-2.339	-2.339	0	%100
95	MP1B	X	1.351	1.351	0	%100
96	MP1B	Z	-2.339	-2.339	0	%100
97	M102	X	1.257	1.257	0	%100
98	M102	Z	-2.177	-2.177	0	%100
99	M107	X	1.257	1.257	0	%100
100	M107	Z	-2.177	-2.177	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	1.351	1.351	0	%100
104	MP3C	Z	-2.339	-2.339	0	%100
105	MP2C	X	1.351	1.351	0	%100
106	MP2C	Z	-2.339	-2.339	0	%100
107	MP3B	X	1.351	1.351	0	%100
108	MP3B	Z	-2.339	-2.339	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,%]
109	MP2B	X	1.351	1.351	0	%100
110	MP2B	Z	-2.339	-2.339	0	%100
111	M123	X	1.235	1.235	0	%100
112	M123	Z	-2.14	-2.14	0	%100
113	M124	X	1.235	1.235	0	%100
114	M124	Z	-2.14	-2.14	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	.726	.726	0	%100
2	M20	Z	-.419	-.419	0	%100
3	M72A	X	2.303	2.303	0	%100
4	M72A	Z	-1.33	-1.33	0	%100
5	M73	X	.632	.632	0	%100
6	M73	Z	-.365	-.365	0	%100
7	M74	X	.632	.632	0	%100
8	M74	Z	-.365	-.365	0	%100
9	M75	X	.937	.937	0	%100
10	M75	Z	-.541	-.541	0	%100
11	M78	X	2.655	2.655	0	%100
12	M78	Z	-1.533	-1.533	0	%100
13	M79	X	.615	.615	0	%100
14	M79	Z	-.355	-.355	0	%100
15	M84	X	2.772	2.772	0	%100
16	M84	Z	-1.601	-1.601	0	%100
17	M85	X	.933	.933	0	%100
18	M85	Z	-.539	-.539	0	%100
19	M87A	X	.961	.961	0	%100
20	M87A	Z	-.555	-.555	0	%100
21	M89A	X	2.772	2.772	0	%100
22	M89A	Z	-1.601	-1.601	0	%100
23	M90A	X	3.733	3.733	0	%100
24	M90A	Z	-2.155	-2.155	0	%100
25	M92	X	3.845	3.845	0	%100
26	M92	Z	-2.22	-2.22	0	%100
27	MP4A	X	2.339	2.339	0	%100
28	MP4A	Z	-1.351	-1.351	0	%100
29	MP3A	X	2.339	2.339	0	%100
30	MP3A	Z	-1.351	-1.351	0	%100
31	MP2A	X	2.339	2.339	0	%100
32	MP2A	Z	-1.351	-1.351	0	%100
33	MP1A	X	2.339	2.339	0	%100
34	MP1A	Z	-1.351	-1.351	0	%100
35	OVP	X	1.925	1.925	0	%100
36	OVP	Z	-1.111	-1.111	0	%100
37	M36	X	2.903	2.903	0	%100
38	M36	Z	-1.676	-1.676	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	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,%]
41	M38	X	2.527	2.527	0	%100
42	M38	Z	-1.459	-1.459	0	%100
43	M39	X	2.527	2.527	0	%100
44	M39	Z	-1.459	-1.459	0	%100
45	M40	X	3.746	3.746	0	%100
46	M40	Z	-2.163	-2.163	0	%100
47	M43	X	.715	.715	0	%100
48	M43	Z	-.413	-.413	0	%100
49	M44	X	.715	.715	0	%100
50	M44	Z	-.413	-.413	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	.933	.933	0	%100
54	M50	Z	-.539	-.539	0	%100
55	M52	X	.961	.961	0	%100
56	M52	Z	-.555	-.555	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.933	.933	0	%100
60	M55	Z	-.539	-.539	0	%100
61	M57	X	.961	.961	0	%100
62	M57	Z	-.555	-.555	0	%100
63	MP4C	X	2.339	2.339	0	%100
64	MP4C	Z	-1.351	-1.351	0	%100
65	MP1C	X	2.339	2.339	0	%100
66	MP1C	Z	-1.351	-1.351	0	%100
67	M69	X	.726	.726	0	%100
68	M69	Z	-.419	-.419	0	%100
69	M70	X	2.303	2.303	0	%100
70	M70	Z	-1.33	-1.33	0	%100
71	M71	X	.632	.632	0	%100
72	M71	Z	-.365	-.365	0	%100
73	M72	X	.632	.632	0	%100
74	M72	Z	-.365	-.365	0	%100
75	M73A	X	.937	.937	0	%100
76	M73A	Z	-.541	-.541	0	%100
77	M76A	X	.614	.614	0	%100
78	M76A	Z	-.355	-.355	0	%100
79	M77B	X	2.655	2.655	0	%100
80	M77B	Z	-1.533	-1.533	0	%100
81	M82B	X	2.772	2.772	0	%100
82	M82B	Z	-1.601	-1.601	0	%100
83	M83B	X	3.733	3.733	0	%100
84	M83B	Z	-2.155	-2.155	0	%100
85	M85A	X	3.845	3.845	0	%100
86	M85A	Z	-2.22	-2.22	0	%100
87	M87	X	2.772	2.772	0	%100
88	M87	Z	-1.601	-1.601	0	%100
89	M88A	X	.933	.933	0	%100
90	M88A	Z	-.539	-.539	0	%100
91	M90	X	.961	.961	0	%100
92	M90	Z	-.555	-.555	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	MP4B	X	2.339	2.339	0	%100
94	MP4B	Z	-1.351	-1.351	0	%100
95	MP1B	X	2.339	2.339	0	%100
96	MP1B	Z	-1.351	-1.351	0	%100
97	M102	X	.726	.726	0	%100
98	M102	Z	-.419	-.419	0	%100
99	M107	X	2.903	2.903	0	%100
100	M107	Z	-1.676	-1.676	0	%100
101	M111	X	.726	.726	0	%100
102	M111	Z	-.419	-.419	0	%100
103	MP3C	X	2.339	2.339	0	%100
104	MP3C	Z	-1.351	-1.351	0	%100
105	MP2C	X	2.339	2.339	0	%100
106	MP2C	Z	-1.351	-1.351	0	%100
107	MP3B	X	2.339	2.339	0	%100
108	MP3B	Z	-1.351	-1.351	0	%100
109	MP2B	X	2.339	2.339	0	%100
110	MP2B	Z	-1.351	-1.351	0	%100
111	M123	X	2.853	2.853	0	%100
112	M123	Z	-1.647	-1.647	0	%100
113	M124	X	.713	.713	0	%100
114	M124	Z	-.412	-.412	0	%100
115	M125	X	.713	.713	0	%100
116	M125	Z	-.412	-.412	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	3.546	3.546	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	2.241	2.241	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	2.242	2.242	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	4.268	4.268	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	3.233	3.233	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	3.33	3.33	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	4.268	4.268	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	3.233	3.233	0	%100
24	M90A	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,%]
25	M92	X	3.33	3.33	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	2.701	2.701	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	2.701	2.701	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	2.701	2.701	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	2.701	2.701	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	2.222	2.222	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	2.514	2.514	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.887	.887	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	2.189	2.189	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	2.189	2.189	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	3.244	3.244	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	2.357	2.357	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	.001	.001	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	1.067	1.067	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	1.067	1.067	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	3.233	3.233	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	3.33	3.33	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	2.701	2.701	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	2.701	2.701	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	2.514	2.514	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	.887	.887	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	2.189	2.189	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	2.189	2.189	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	3.244	3.244	0	%100
76	M73A	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,%]
77	M76A	X	.001	.001	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	2.358	2.358	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	1.067	1.067	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	3.233	3.233	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	3.33	3.33	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	1.067	1.067	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	2.701	2.701	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	2.701	2.701	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	2.514	2.514	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	2.514	2.514	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	2.701	2.701	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	2.701	2.701	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	2.701	2.701	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	2.701	2.701	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	2.471	2.471	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	2.471	2.471	0	%100
116	M125	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	M20	X	.726	.726	0	%100
2	M20	Z	.419	.419	0	%100
3	M72A	X	2.303	2.303	0	%100
4	M72A	Z	1.33	1.33	0	%100
5	M73	X	.632	.632	0	%100
6	M73	Z	.365	.365	0	%100
7	M74	X	.632	.632	0	%100
8	M74	Z	.365	.365	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,%]
9	M75	X	.937	.937	0	%100
10	M75	Z	.541	.541	0	%100
11	M78	X	.614	.614	0	%100
12	M78	Z	.355	.355	0	%100
13	M79	X	2.655	2.655	0	%100
14	M79	Z	1.533	1.533	0	%100
15	M84	X	2.772	2.772	0	%100
16	M84	Z	1.601	1.601	0	%100
17	M85	X	3.733	3.733	0	%100
18	M85	Z	2.155	2.155	0	%100
19	M87A	X	3.845	3.845	0	%100
20	M87A	Z	2.22	2.22	0	%100
21	M89A	X	2.772	2.772	0	%100
22	M89A	Z	1.601	1.601	0	%100
23	M90A	X	.933	.933	0	%100
24	M90A	Z	.539	.539	0	%100
25	M92	X	.961	.961	0	%100
26	M92	Z	.555	.555	0	%100
27	MP4A	X	2.339	2.339	0	%100
28	MP4A	Z	1.351	1.351	0	%100
29	MP3A	X	2.339	2.339	0	%100
30	MP3A	Z	1.351	1.351	0	%100
31	MP2A	X	2.339	2.339	0	%100
32	MP2A	Z	1.351	1.351	0	%100
33	MP1A	X	2.339	2.339	0	%100
34	MP1A	Z	1.351	1.351	0	%100
35	OVP	X	1.925	1.925	0	%100
36	OVP	Z	1.111	1.111	0	%100
37	M36	X	.726	.726	0	%100
38	M36	Z	.419	.419	0	%100
39	M37	X	2.303	2.303	0	%100
40	M37	Z	1.33	1.33	0	%100
41	M38	X	.632	.632	0	%100
42	M38	Z	.365	.365	0	%100
43	M39	X	.632	.632	0	%100
44	M39	Z	.365	.365	0	%100
45	M40	X	.937	.937	0	%100
46	M40	Z	.541	.541	0	%100
47	M43	X	2.655	2.655	0	%100
48	M43	Z	1.533	1.533	0	%100
49	M44	X	.615	.615	0	%100
50	M44	Z	.355	.355	0	%100
51	M49	X	2.772	2.772	0	%100
52	M49	Z	1.601	1.601	0	%100
53	M50	X	.933	.933	0	%100
54	M50	Z	.539	.539	0	%100
55	M52	X	.961	.961	0	%100
56	M52	Z	.555	.555	0	%100
57	M54	X	2.772	2.772	0	%100
58	M54	Z	1.601	1.601	0	%100
59	M55	X	3.733	3.733	0	%100
60	M55	Z	2.155	2.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M57	X	3.845	3.845	0	%100
62	M57	Z	2.22	2.22	0	%100
63	MP4C	X	2.339	2.339	0	%100
64	MP4C	Z	1.351	1.351	0	%100
65	MP1C	X	2.339	2.339	0	%100
66	MP1C	Z	1.351	1.351	0	%100
67	M69	X	2.903	2.903	0	%100
68	M69	Z	1.676	1.676	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	2.527	2.527	0	%100
72	M71	Z	1.459	1.459	0	%100
73	M72	X	2.527	2.527	0	%100
74	M72	Z	1.459	1.459	0	%100
75	M73A	X	3.746	3.746	0	%100
76	M73A	Z	2.163	2.163	0	%100
77	M76A	X	.715	.715	0	%100
78	M76A	Z	.413	.413	0	%100
79	M77B	X	.715	.715	0	%100
80	M77B	Z	.413	.413	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	.933	.933	0	%100
84	M83B	Z	.539	.539	0	%100
85	M85A	X	.961	.961	0	%100
86	M85A	Z	.555	.555	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	.933	.933	0	%100
90	M88A	Z	.539	.539	0	%100
91	M90	X	.961	.961	0	%100
92	M90	Z	.555	.555	0	%100
93	MP4B	X	2.339	2.339	0	%100
94	MP4B	Z	1.351	1.351	0	%100
95	MP1B	X	2.339	2.339	0	%100
96	MP1B	Z	1.351	1.351	0	%100
97	M102	X	.726	.726	0	%100
98	M102	Z	.419	.419	0	%100
99	M107	X	.726	.726	0	%100
100	M107	Z	.419	.419	0	%100
101	M111	X	2.903	2.903	0	%100
102	M111	Z	1.676	1.676	0	%100
103	MP3C	X	2.339	2.339	0	%100
104	MP3C	Z	1.351	1.351	0	%100
105	MP2C	X	2.339	2.339	0	%100
106	MP2C	Z	1.351	1.351	0	%100
107	MP3B	X	2.339	2.339	0	%100
108	MP3B	Z	1.351	1.351	0	%100
109	MP2B	X	2.339	2.339	0	%100
110	MP2B	Z	1.351	1.351	0	%100
111	M123	X	.713	.713	0	%100
112	M123	Z	.412	.412	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,%]
113	M124	X	.713	.713	0	%100
114	M124	Z	.412	.412	0	%100
115	M125	X	2.853	2.853	0	%100
116	M125	Z	1.647	1.647	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	M20	X	1.257	1.257	0	%100
2	M20	Z	2.177	2.177	0	%100
3	M72A	X	.443	.443	0	%100
4	M72A	Z	.768	.768	0	%100
5	M73	X	1.094	1.094	0	%100
6	M73	Z	1.895	1.895	0	%100
7	M74	X	1.094	1.094	0	%100
8	M74	Z	1.895	1.895	0	%100
9	M75	X	1.622	1.622	0	%100
10	M75	Z	2.81	2.81	0	%100
11	M78	X	.000729	.000729	0	%100
12	M78	Z	.001	.001	0	%100
13	M79	X	1.179	1.179	0	%100
14	M79	Z	2.042	2.042	0	%100
15	M84	X	.534	.534	0	%100
16	M84	Z	.924	.924	0	%100
17	M85	X	1.617	1.617	0	%100
18	M85	Z	2.8	2.8	0	%100
19	M87A	X	1.665	1.665	0	%100
20	M87A	Z	2.884	2.884	0	%100
21	M89A	X	.534	.534	0	%100
22	M89A	Z	.924	.924	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	1.351	1.351	0	%100
28	MP4A	Z	2.339	2.339	0	%100
29	MP3A	X	1.351	1.351	0	%100
30	MP3A	Z	2.339	2.339	0	%100
31	MP2A	X	1.351	1.351	0	%100
32	MP2A	Z	2.339	2.339	0	%100
33	MP1A	X	1.351	1.351	0	%100
34	MP1A	Z	2.339	2.339	0	%100
35	OVP	X	1.111	1.111	0	%100
36	OVP	Z	1.925	1.925	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	1.773	1.773	0	%100
40	M37	Z	3.071	3.071	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100

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,%]
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	1.121	1.121	0	%100
48	M43	Z	1.941	1.941	0	%100
49	M44	X	1.121	1.121	0	%100
50	M44	Z	1.941	1.941	0	%100
51	M49	X	2.134	2.134	0	%100
52	M49	Z	3.696	3.696	0	%100
53	M50	X	1.617	1.617	0	%100
54	M50	Z	2.8	2.8	0	%100
55	M52	X	1.665	1.665	0	%100
56	M52	Z	2.884	2.884	0	%100
57	M54	X	2.134	2.134	0	%100
58	M54	Z	3.696	3.696	0	%100
59	M55	X	1.617	1.617	0	%100
60	M55	Z	2.8	2.8	0	%100
61	M57	X	1.665	1.665	0	%100
62	M57	Z	2.884	2.884	0	%100
63	MP4C	X	1.351	1.351	0	%100
64	MP4C	Z	2.339	2.339	0	%100
65	MP1C	X	1.351	1.351	0	%100
66	MP1C	Z	2.339	2.339	0	%100
67	M69	X	1.257	1.257	0	%100
68	M69	Z	2.177	2.177	0	%100
69	M70	X	.443	.443	0	%100
70	M70	Z	.768	.768	0	%100
71	M71	X	1.094	1.094	0	%100
72	M71	Z	1.895	1.895	0	%100
73	M72	X	1.094	1.094	0	%100
74	M72	Z	1.895	1.895	0	%100
75	M73A	X	1.622	1.622	0	%100
76	M73A	Z	2.81	2.81	0	%100
77	M76A	X	1.179	1.179	0	%100
78	M76A	Z	2.041	2.041	0	%100
79	M77B	X	.000729	.000729	0	%100
80	M77B	Z	.001	.001	0	%100
81	M82B	X	.534	.534	0	%100
82	M82B	Z	.924	.924	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	.534	.534	0	%100
88	M87	Z	.924	.924	0	%100
89	M88A	X	1.617	1.617	0	%100
90	M88A	Z	2.8	2.8	0	%100
91	M90	X	1.665	1.665	0	%100
92	M90	Z	2.884	2.884	0	%100
93	MP4B	X	1.351	1.351	0	%100
94	MP4B	Z	2.339	2.339	0	%100
95	MP1B	X	1.351	1.351	0	%100
96	MP1B	Z	2.339	2.339	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,%]
97	M102	X	1.257	1.257	0	%100
98	M102	Z	2.177	2.177	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	1.257	1.257	0	%100
102	M111	Z	2.177	2.177	0	%100
103	MP3C	X	1.351	1.351	0	%100
104	MP3C	Z	2.339	2.339	0	%100
105	MP2C	X	1.351	1.351	0	%100
106	MP2C	Z	2.339	2.339	0	%100
107	MP3B	X	1.351	1.351	0	%100
108	MP3B	Z	2.339	2.339	0	%100
109	MP2B	X	1.351	1.351	0	%100
110	MP2B	Z	2.339	2.339	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	1.235	1.235	0	%100
114	M124	Z	2.14	2.14	0	%100
115	M125	X	1.235	1.235	0	%100
116	M125	Z	2.14	2.14	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	M20	X	0	0	0	%100
2	M20	Z	3.352	3.352	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	2.918	2.918	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	2.918	2.918	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	4.326	4.326	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	.825	.825	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	.825	.825	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	1.078	1.078	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	1.11	1.11	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	1.078	1.078	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	1.11	1.11	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	2.701	2.701	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,%]
29	MP3A	X	0	0	0	%100
30	MP3A	Z	2.701	2.701	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	2.701	2.701	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	2.701	2.701	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	2.222	2.222	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	.838	.838	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	2.66	2.66	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	.73	.73	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.73	.73	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	1.081	1.081	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	.71	.71	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	3.066	3.066	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	3.201	3.201	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	4.311	4.311	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	4.44	4.44	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	3.201	3.201	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	1.078	1.078	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	1.11	1.11	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	2.701	2.701	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	2.701	2.701	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	.838	.838	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	2.66	2.66	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	.73	.73	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	.73	.73	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	1.081	1.081	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	3.065	3.065	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	.71	.71	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,%]
81	M82B	X	0	0	0	%100
82	M82B	Z	3.201	3.201	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	1.078	1.078	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	1.11	1.11	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	3.201	3.201	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	4.311	4.311	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	4.44	4.44	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	2.701	2.701	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	2.701	2.701	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	3.352	3.352	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	.838	.838	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	.838	.838	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	2.701	2.701	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	2.701	2.701	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	2.701	2.701	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	2.701	2.701	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.824	.824	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	3.294	3.294	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.824	.824	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	M20	X	-1.257	-1.257	0	%100
2	M20	Z	2.177	2.177	0	%100
3	M72A	X	-.443	-.443	0	%100
4	M72A	Z	.768	.768	0	%100
5	M73	X	-1.094	-1.094	0	%100
6	M73	Z	1.895	1.895	0	%100
7	M74	X	-1.094	-1.094	0	%100
8	M74	Z	1.895	1.895	0	%100
9	M75	X	-1.622	-1.622	0	%100
10	M75	Z	2.81	2.81	0	%100
11	M78	X	-1.179	-1.179	0	%100
12	M78	Z	2.041	2.041	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,%]
13	M79	X	-.000729	-.000729	0	%100
14	M79	Z	.001	.001	0	%100
15	M84	X	-.534	-.534	0	%100
16	M84	Z	.924	.924	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-.534	-.534	0	%100
22	M89A	Z	.924	.924	0	%100
23	M90A	X	-1.617	-1.617	0	%100
24	M90A	Z	2.8	2.8	0	%100
25	M92	X	-1.665	-1.665	0	%100
26	M92	Z	2.884	2.884	0	%100
27	MP4A	X	-1.351	-1.351	0	%100
28	MP4A	Z	2.339	2.339	0	%100
29	MP3A	X	-1.351	-1.351	0	%100
30	MP3A	Z	2.339	2.339	0	%100
31	MP2A	X	-1.351	-1.351	0	%100
32	MP2A	Z	2.339	2.339	0	%100
33	MP1A	X	-1.351	-1.351	0	%100
34	MP1A	Z	2.339	2.339	0	%100
35	OVP	X	-1.111	-1.111	0	%100
36	OVP	Z	1.925	1.925	0	%100
37	M36	X	-1.257	-1.257	0	%100
38	M36	Z	2.177	2.177	0	%100
39	M37	X	-.443	-.443	0	%100
40	M37	Z	.768	.768	0	%100
41	M38	X	-1.094	-1.094	0	%100
42	M38	Z	1.895	1.895	0	%100
43	M39	X	-1.094	-1.094	0	%100
44	M39	Z	1.895	1.895	0	%100
45	M40	X	-1.622	-1.622	0	%100
46	M40	Z	2.81	2.81	0	%100
47	M43	X	-.000729	-.000729	0	%100
48	M43	Z	.001	.001	0	%100
49	M44	X	-1.179	-1.179	0	%100
50	M44	Z	2.042	2.042	0	%100
51	M49	X	-.534	-.534	0	%100
52	M49	Z	.924	.924	0	%100
53	M50	X	-1.617	-1.617	0	%100
54	M50	Z	2.8	2.8	0	%100
55	M52	X	-1.665	-1.665	0	%100
56	M52	Z	2.884	2.884	0	%100
57	M54	X	-.534	-.534	0	%100
58	M54	Z	.924	.924	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-1.351	-1.351	0	%100
64	MP4C	Z	2.339	2.339	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,%]
65	MP1C	X	-1.351	-1.351	0	%100
66	MP1C	Z	2.339	2.339	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-1.773	-1.773	0	%100
70	M70	Z	3.071	3.071	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-1.121	-1.121	0	%100
78	M76A	Z	1.941	1.941	0	%100
79	M77B	X	-1.121	-1.121	0	%100
80	M77B	Z	1.941	1.941	0	%100
81	M82B	X	-2.134	-2.134	0	%100
82	M82B	Z	3.696	3.696	0	%100
83	M83B	X	-1.617	-1.617	0	%100
84	M83B	Z	2.8	2.8	0	%100
85	M85A	X	-1.665	-1.665	0	%100
86	M85A	Z	2.884	2.884	0	%100
87	M87	X	-2.134	-2.134	0	%100
88	M87	Z	3.696	3.696	0	%100
89	M88A	X	-1.617	-1.617	0	%100
90	M88A	Z	2.8	2.8	0	%100
91	M90	X	-1.665	-1.665	0	%100
92	M90	Z	2.884	2.884	0	%100
93	MP4B	X	-1.351	-1.351	0	%100
94	MP4B	Z	2.339	2.339	0	%100
95	MP1B	X	-1.351	-1.351	0	%100
96	MP1B	Z	2.339	2.339	0	%100
97	M102	X	-1.257	-1.257	0	%100
98	M102	Z	2.177	2.177	0	%100
99	M107	X	-1.257	-1.257	0	%100
100	M107	Z	2.177	2.177	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-1.351	-1.351	0	%100
104	MP3C	Z	2.339	2.339	0	%100
105	MP2C	X	-1.351	-1.351	0	%100
106	MP2C	Z	2.339	2.339	0	%100
107	MP3B	X	-1.351	-1.351	0	%100
108	MP3B	Z	2.339	2.339	0	%100
109	MP2B	X	-1.351	-1.351	0	%100
110	MP2B	Z	2.339	2.339	0	%100
111	M123	X	-1.235	-1.235	0	%100
112	M123	Z	2.14	2.14	0	%100
113	M124	X	-1.235	-1.235	0	%100
114	M124	Z	2.14	2.14	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.726	-.726	0	%100
2	M20	Z	.419	.419	0	%100
3	M72A	X	-2.303	-2.303	0	%100
4	M72A	Z	1.33	1.33	0	%100
5	M73	X	-.632	-.632	0	%100
6	M73	Z	.365	.365	0	%100
7	M74	X	-.632	-.632	0	%100
8	M74	Z	.365	.365	0	%100
9	M75	X	-.937	-.937	0	%100
10	M75	Z	.541	.541	0	%100
11	M78	X	-2.655	-2.655	0	%100
12	M78	Z	1.533	1.533	0	%100
13	M79	X	-.615	-.615	0	%100
14	M79	Z	.355	.355	0	%100
15	M84	X	-2.772	-2.772	0	%100
16	M84	Z	1.601	1.601	0	%100
17	M85	X	-.933	-.933	0	%100
18	M85	Z	.539	.539	0	%100
19	M87A	X	-.961	-.961	0	%100
20	M87A	Z	.555	.555	0	%100
21	M89A	X	-2.772	-2.772	0	%100
22	M89A	Z	1.601	1.601	0	%100
23	M90A	X	-3.733	-3.733	0	%100
24	M90A	Z	2.155	2.155	0	%100
25	M92	X	-3.845	-3.845	0	%100
26	M92	Z	2.22	2.22	0	%100
27	MP4A	X	-2.339	-2.339	0	%100
28	MP4A	Z	1.351	1.351	0	%100
29	MP3A	X	-2.339	-2.339	0	%100
30	MP3A	Z	1.351	1.351	0	%100
31	MP2A	X	-2.339	-2.339	0	%100
32	MP2A	Z	1.351	1.351	0	%100
33	MP1A	X	-2.339	-2.339	0	%100
34	MP1A	Z	1.351	1.351	0	%100
35	OVP	X	-1.925	-1.925	0	%100
36	OVP	Z	1.111	1.111	0	%100
37	M36	X	-2.903	-2.903	0	%100
38	M36	Z	1.676	1.676	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-2.527	-2.527	0	%100
42	M38	Z	1.459	1.459	0	%100
43	M39	X	-2.527	-2.527	0	%100
44	M39	Z	1.459	1.459	0	%100
45	M40	X	-3.746	-3.746	0	%100
46	M40	Z	2.163	2.163	0	%100
47	M43	X	-.715	-.715	0	%100
48	M43	Z	.413	.413	0	%100
49	M44	X	-.715	-.715	0	%100
50	M44	Z	.413	.413	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	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,%]
53	M50	X	-.933	-.933	0	%100
54	M50	Z	.539	.539	0	%100
55	M52	X	-.961	-.961	0	%100
56	M52	Z	.555	.555	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.933	-.933	0	%100
60	M55	Z	.539	.539	0	%100
61	M57	X	-.961	-.961	0	%100
62	M57	Z	.555	.555	0	%100
63	MP4C	X	-2.339	-2.339	0	%100
64	MP4C	Z	1.351	1.351	0	%100
65	MP1C	X	-2.339	-2.339	0	%100
66	MP1C	Z	1.351	1.351	0	%100
67	M69	X	-.726	-.726	0	%100
68	M69	Z	.419	.419	0	%100
69	M70	X	-2.303	-2.303	0	%100
70	M70	Z	1.33	1.33	0	%100
71	M71	X	-.632	-.632	0	%100
72	M71	Z	.365	.365	0	%100
73	M72	X	-.632	-.632	0	%100
74	M72	Z	.365	.365	0	%100
75	M73A	X	-.937	-.937	0	%100
76	M73A	Z	.541	.541	0	%100
77	M76A	X	-.614	-.614	0	%100
78	M76A	Z	.355	.355	0	%100
79	M77B	X	-2.655	-2.655	0	%100
80	M77B	Z	1.533	1.533	0	%100
81	M82B	X	-2.772	-2.772	0	%100
82	M82B	Z	1.601	1.601	0	%100
83	M83B	X	-3.733	-3.733	0	%100
84	M83B	Z	2.155	2.155	0	%100
85	M85A	X	-3.845	-3.845	0	%100
86	M85A	Z	2.22	2.22	0	%100
87	M87	X	-2.772	-2.772	0	%100
88	M87	Z	1.601	1.601	0	%100
89	M88A	X	-.933	-.933	0	%100
90	M88A	Z	.539	.539	0	%100
91	M90	X	-.961	-.961	0	%100
92	M90	Z	.555	.555	0	%100
93	MP4B	X	-2.339	-2.339	0	%100
94	MP4B	Z	1.351	1.351	0	%100
95	MP1B	X	-2.339	-2.339	0	%100
96	MP1B	Z	1.351	1.351	0	%100
97	M102	X	-.726	-.726	0	%100
98	M102	Z	.419	.419	0	%100
99	M107	X	-2.903	-2.903	0	%100
100	M107	Z	1.676	1.676	0	%100
101	M111	X	-.726	-.726	0	%100
102	M111	Z	.419	.419	0	%100
103	MP3C	X	-2.339	-2.339	0	%100
104	MP3C	Z	1.351	1.351	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,%]
105	MP2C	X	-2.339	-2.339	0	%100
106	MP2C	Z	1.351	1.351	0	%100
107	MP3B	X	-2.339	-2.339	0	%100
108	MP3B	Z	1.351	1.351	0	%100
109	MP2B	X	-2.339	-2.339	0	%100
110	MP2B	Z	1.351	1.351	0	%100
111	M123	X	-2.853	-2.853	0	%100
112	M123	Z	1.647	1.647	0	%100
113	M124	X	-.713	-.713	0	%100
114	M124	Z	.412	.412	0	%100
115	M125	X	-.713	-.713	0	%100
116	M125	Z	.412	.412	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-3.546	-3.546	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-2.241	-2.241	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-2.242	-2.242	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-4.268	-4.268	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-3.233	-3.233	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-3.33	-3.33	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-4.268	-4.268	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-3.233	-3.233	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-3.33	-3.33	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-2.701	-2.701	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-2.701	-2.701	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-2.701	-2.701	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-2.701	-2.701	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	-2.222	-2.222	0	%100
36	OVP	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,%]
37	M36	X	-2.514	-2.514	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.887	-.887	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-2.189	-2.189	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-2.189	-2.189	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-3.244	-3.244	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-2.357	-2.357	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	-.001	-.001	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	-1.067	-1.067	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	-1.067	-1.067	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-3.233	-3.233	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-3.33	-3.33	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-2.701	-2.701	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	-2.701	-2.701	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	-2.514	-2.514	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-.887	-.887	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-2.189	-2.189	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	-2.189	-2.189	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	-3.244	-3.244	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-.001	-.001	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	-2.358	-2.358	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	-1.067	-1.067	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-3.233	-3.233	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	-3.33	-3.33	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-1.067	-1.067	0	%100
88	M87	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,%]
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	-2.701	-2.701	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	-2.701	-2.701	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-2.514	-2.514	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-2.514	-2.514	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-2.701	-2.701	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	-2.701	-2.701	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	-2.701	-2.701	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	-2.701	-2.701	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	-2.471	-2.471	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-2.471	-2.471	0	%100
116	M125	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	M20	X	-.726	-.726	0	%100
2	M20	Z	-.419	-.419	0	%100
3	M72A	X	-2.303	-2.303	0	%100
4	M72A	Z	-1.33	-1.33	0	%100
5	M73	X	-.632	-.632	0	%100
6	M73	Z	-.365	-.365	0	%100
7	M74	X	-.632	-.632	0	%100
8	M74	Z	-.365	-.365	0	%100
9	M75	X	-.937	-.937	0	%100
10	M75	Z	-.541	-.541	0	%100
11	M78	X	-.614	-.614	0	%100
12	M78	Z	-.355	-.355	0	%100
13	M79	X	-2.655	-2.655	0	%100
14	M79	Z	-1.533	-1.533	0	%100
15	M84	X	-2.772	-2.772	0	%100
16	M84	Z	-1.601	-1.601	0	%100
17	M85	X	-3.733	-3.733	0	%100
18	M85	Z	-2.155	-2.155	0	%100
19	M87A	X	-3.845	-3.845	0	%100
20	M87A	Z	-2.22	-2.22	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,%]
21	M89A	X	-2.772	-2.772	0	%100
22	M89A	Z	-1.601	-1.601	0	%100
23	M90A	X	-.933	-.933	0	%100
24	M90A	Z	-.539	-.539	0	%100
25	M92	X	-.961	-.961	0	%100
26	M92	Z	-.555	-.555	0	%100
27	MP4A	X	-2.339	-2.339	0	%100
28	MP4A	Z	-1.351	-1.351	0	%100
29	MP3A	X	-2.339	-2.339	0	%100
30	MP3A	Z	-1.351	-1.351	0	%100
31	MP2A	X	-2.339	-2.339	0	%100
32	MP2A	Z	-1.351	-1.351	0	%100
33	MP1A	X	-2.339	-2.339	0	%100
34	MP1A	Z	-1.351	-1.351	0	%100
35	OVP	X	-1.925	-1.925	0	%100
36	OVP	Z	-1.111	-1.111	0	%100
37	M36	X	-.726	-.726	0	%100
38	M36	Z	-.419	-.419	0	%100
39	M37	X	-2.303	-2.303	0	%100
40	M37	Z	-1.33	-1.33	0	%100
41	M38	X	-.632	-.632	0	%100
42	M38	Z	-.365	-.365	0	%100
43	M39	X	-.632	-.632	0	%100
44	M39	Z	-.365	-.365	0	%100
45	M40	X	-.937	-.937	0	%100
46	M40	Z	-.541	-.541	0	%100
47	M43	X	-2.655	-2.655	0	%100
48	M43	Z	-1.533	-1.533	0	%100
49	M44	X	-.615	-.615	0	%100
50	M44	Z	-.355	-.355	0	%100
51	M49	X	-2.772	-2.772	0	%100
52	M49	Z	-1.601	-1.601	0	%100
53	M50	X	-.933	-.933	0	%100
54	M50	Z	-.539	-.539	0	%100
55	M52	X	-.961	-.961	0	%100
56	M52	Z	-.555	-.555	0	%100
57	M54	X	-2.772	-2.772	0	%100
58	M54	Z	-1.601	-1.601	0	%100
59	M55	X	-3.733	-3.733	0	%100
60	M55	Z	-2.155	-2.155	0	%100
61	M57	X	-3.845	-3.845	0	%100
62	M57	Z	-2.22	-2.22	0	%100
63	MP4C	X	-2.339	-2.339	0	%100
64	MP4C	Z	-1.351	-1.351	0	%100
65	MP1C	X	-2.339	-2.339	0	%100
66	MP1C	Z	-1.351	-1.351	0	%100
67	M69	X	-2.903	-2.903	0	%100
68	M69	Z	-1.676	-1.676	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-2.527	-2.527	0	%100
72	M71	Z	-1.459	-1.459	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,%]
73	M72	X	-2.527	-2.527	0	%100
74	M72	Z	-1.459	-1.459	0	%100
75	M73A	X	-3.746	-3.746	0	%100
76	M73A	Z	-2.163	-2.163	0	%100
77	M76A	X	-.715	-.715	0	%100
78	M76A	Z	-.413	-.413	0	%100
79	M77B	X	-.715	-.715	0	%100
80	M77B	Z	-.413	-.413	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-.933	-.933	0	%100
84	M83B	Z	-.539	-.539	0	%100
85	M85A	X	-.961	-.961	0	%100
86	M85A	Z	-.555	-.555	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	-.933	-.933	0	%100
90	M88A	Z	-.539	-.539	0	%100
91	M90	X	-.961	-.961	0	%100
92	M90	Z	-.555	-.555	0	%100
93	MP4B	X	-2.339	-2.339	0	%100
94	MP4B	Z	-1.351	-1.351	0	%100
95	MP1B	X	-2.339	-2.339	0	%100
96	MP1B	Z	-1.351	-1.351	0	%100
97	M102	X	-.726	-.726	0	%100
98	M102	Z	-.419	-.419	0	%100
99	M107	X	-.726	-.726	0	%100
100	M107	Z	-.419	-.419	0	%100
101	M111	X	-2.903	-2.903	0	%100
102	M111	Z	-1.676	-1.676	0	%100
103	MP3C	X	-2.339	-2.339	0	%100
104	MP3C	Z	-1.351	-1.351	0	%100
105	MP2C	X	-2.339	-2.339	0	%100
106	MP2C	Z	-1.351	-1.351	0	%100
107	MP3B	X	-2.339	-2.339	0	%100
108	MP3B	Z	-1.351	-1.351	0	%100
109	MP2B	X	-2.339	-2.339	0	%100
110	MP2B	Z	-1.351	-1.351	0	%100
111	M123	X	-.713	-.713	0	%100
112	M123	Z	-.412	-.412	0	%100
113	M124	X	-.713	-.713	0	%100
114	M124	Z	-.412	-.412	0	%100
115	M125	X	-2.853	-2.853	0	%100
116	M125	Z	-1.647	-1.647	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	M20	X	-1.257	-1.257	0	%100
2	M20	Z	-2.177	-2.177	0	%100
3	M72A	X	-.443	-.443	0	%100
4	M72A	Z	-.768	-.768	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,%]
5	M73	X	-1.094	-1.094	0	%100
6	M73	Z	-1.895	-1.895	0	%100
7	M74	X	-1.094	-1.094	0	%100
8	M74	Z	-1.895	-1.895	0	%100
9	M75	X	-1.622	-1.622	0	%100
10	M75	Z	-2.81	-2.81	0	%100
11	M78	X	-.000729	-.000729	0	%100
12	M78	Z	-.001	-.001	0	%100
13	M79	X	-1.179	-1.179	0	%100
14	M79	Z	-2.042	-2.042	0	%100
15	M84	X	-.534	-.534	0	%100
16	M84	Z	-.924	-.924	0	%100
17	M85	X	-1.617	-1.617	0	%100
18	M85	Z	-2.8	-2.8	0	%100
19	M87A	X	-1.665	-1.665	0	%100
20	M87A	Z	-2.884	-2.884	0	%100
21	M89A	X	-.534	-.534	0	%100
22	M89A	Z	-.924	-.924	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-1.351	-1.351	0	%100
28	MP4A	Z	-2.339	-2.339	0	%100
29	MP3A	X	-1.351	-1.351	0	%100
30	MP3A	Z	-2.339	-2.339	0	%100
31	MP2A	X	-1.351	-1.351	0	%100
32	MP2A	Z	-2.339	-2.339	0	%100
33	MP1A	X	-1.351	-1.351	0	%100
34	MP1A	Z	-2.339	-2.339	0	%100
35	OVP	X	-1.111	-1.111	0	%100
36	OVP	Z	-1.925	-1.925	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-1.773	-1.773	0	%100
40	M37	Z	-3.071	-3.071	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-1.121	-1.121	0	%100
48	M43	Z	-1.941	-1.941	0	%100
49	M44	X	-1.121	-1.121	0	%100
50	M44	Z	-1.941	-1.941	0	%100
51	M49	X	-2.134	-2.134	0	%100
52	M49	Z	-3.696	-3.696	0	%100
53	M50	X	-1.617	-1.617	0	%100
54	M50	Z	-2.8	-2.8	0	%100
55	M52	X	-1.665	-1.665	0	%100
56	M52	Z	-2.884	-2.884	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,%]
57	M54	X	-2.134	-2.134	0	%100
58	M54	Z	-3.696	-3.696	0	%100
59	M55	X	-1.617	-1.617	0	%100
60	M55	Z	-2.8	-2.8	0	%100
61	M57	X	-1.665	-1.665	0	%100
62	M57	Z	-2.884	-2.884	0	%100
63	MP4C	X	-1.351	-1.351	0	%100
64	MP4C	Z	-2.339	-2.339	0	%100
65	MP1C	X	-1.351	-1.351	0	%100
66	MP1C	Z	-2.339	-2.339	0	%100
67	M69	X	-1.257	-1.257	0	%100
68	M69	Z	-2.177	-2.177	0	%100
69	M70	X	-.443	-.443	0	%100
70	M70	Z	-.768	-.768	0	%100
71	M71	X	-1.094	-1.094	0	%100
72	M71	Z	-1.895	-1.895	0	%100
73	M72	X	-1.094	-1.094	0	%100
74	M72	Z	-1.895	-1.895	0	%100
75	M73A	X	-1.622	-1.622	0	%100
76	M73A	Z	-2.81	-2.81	0	%100
77	M76A	X	-1.179	-1.179	0	%100
78	M76A	Z	-2.041	-2.041	0	%100
79	M77B	X	-.000729	-.000729	0	%100
80	M77B	Z	-.001	-.001	0	%100
81	M82B	X	-.534	-.534	0	%100
82	M82B	Z	-.924	-.924	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-.534	-.534	0	%100
88	M87	Z	-.924	-.924	0	%100
89	M88A	X	-1.617	-1.617	0	%100
90	M88A	Z	-2.8	-2.8	0	%100
91	M90	X	-1.665	-1.665	0	%100
92	M90	Z	-2.884	-2.884	0	%100
93	MP4B	X	-1.351	-1.351	0	%100
94	MP4B	Z	-2.339	-2.339	0	%100
95	MP1B	X	-1.351	-1.351	0	%100
96	MP1B	Z	-2.339	-2.339	0	%100
97	M102	X	-1.257	-1.257	0	%100
98	M102	Z	-2.177	-2.177	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-1.257	-1.257	0	%100
102	M111	Z	-2.177	-2.177	0	%100
103	MP3C	X	-1.351	-1.351	0	%100
104	MP3C	Z	-2.339	-2.339	0	%100
105	MP2C	X	-1.351	-1.351	0	%100
106	MP2C	Z	-2.339	-2.339	0	%100
107	MP3B	X	-1.351	-1.351	0	%100
108	MP3B	Z	-2.339	-2.339	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,%]
109	MP2B	X	-1.351	-1.351	0	%100
110	MP2B	Z	-2.339	-2.339	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-1.235	-1.235	0	%100
114	M124	Z	-2.14	-2.14	0	%100
115	M125	X	-1.235	-1.235	0	%100
116	M125	Z	-2.14	-2.14	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	M20	X	0	0	0	%100
2	M20	Z	-.729	-.729	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	-.683	-.683	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	-.683	-.683	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	-1.25	-1.25	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	-.18	-.18	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	-.18	-.18	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	-.318	-.318	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	-.33	-.33	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	-.318	-.318	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	-.33	-.33	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	-.495	-.495	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	-.495	-.495	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	-.495	-.495	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	-.495	-.495	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	-.405	-.405	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-.182	-.182	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-.599	-.599	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,%]
41	M38	X	0	0	0	%100
42	M38	Z	-.171	-.171	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	-.171	-.171	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	-.313	-.313	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	-.155	-.155	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	-.67	-.67	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	-.943	-.943	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	-1.273	-1.273	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	-1.32	-1.32	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	-.943	-.943	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	-.318	-.318	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-.33	-.33	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	-.495	-.495	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	-.495	-.495	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	-.182	-.182	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-.599	-.599	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-.171	-.171	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	-.171	-.171	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	-.313	-.313	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	-.67	-.67	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	-.155	-.155	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	-.943	-.943	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	-.318	-.318	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	-.33	-.33	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-.943	-.943	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	-1.273	-1.273	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	-1.32	-1.32	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	MP4B	X	0	0	0	%100
94	MP4B	Z	-.495	-.495	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	-.495	-.495	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	-.729	-.729	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	-.182	-.182	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-.182	-.182	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-.495	-.495	0	%100
105	MP2C	X	0	0	0	%100
106	MP2C	Z	-.495	-.495	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	-.495	-.495	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-.495	-.495	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	-.2	-.2	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	-.801	-.801	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	-.2	-.2	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	M20	X	.273	.273	0	%100
2	M20	Z	-.474	-.474	0	%100
3	M72A	X	.1	.1	0	%100
4	M72A	Z	-.173	-.173	0	%100
5	M73	X	.256	.256	0	%100
6	M73	Z	-.443	-.443	0	%100
7	M74	X	.256	.256	0	%100
8	M74	Z	-.443	-.443	0	%100
9	M75	X	.469	.469	0	%100
10	M75	Z	-.812	-.812	0	%100
11	M78	X	.258	.258	0	%100
12	M78	Z	-.446	-.446	0	%100
13	M79	X	.000159	.000159	0	%100
14	M79	Z	-.000276	-.000276	0	%100
15	M84	X	.157	.157	0	%100
16	M84	Z	-.272	-.272	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	.157	.157	0	%100
22	M89A	Z	-.272	-.272	0	%100
23	M90A	X	.477	.477	0	%100
24	M90A	Z	-.827	-.827	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,%]
25	M92	X	.495	.495	0	%100
26	M92	Z	-.857	-.857	0	%100
27	MP4A	X	.247	.247	0	%100
28	MP4A	Z	-.429	-.429	0	%100
29	MP3A	X	.247	.247	0	%100
30	MP3A	Z	-.429	-.429	0	%100
31	MP2A	X	.247	.247	0	%100
32	MP2A	Z	-.429	-.429	0	%100
33	MP1A	X	.247	.247	0	%100
34	MP1A	Z	-.429	-.429	0	%100
35	OVP	X	.202	.202	0	%100
36	OVP	Z	-.35	-.35	0	%100
37	M36	X	.273	.273	0	%100
38	M36	Z	-.474	-.474	0	%100
39	M37	X	.1	.1	0	%100
40	M37	Z	-.173	-.173	0	%100
41	M38	X	.256	.256	0	%100
42	M38	Z	-.443	-.443	0	%100
43	M39	X	.256	.256	0	%100
44	M39	Z	-.443	-.443	0	%100
45	M40	X	.469	.469	0	%100
46	M40	Z	-.812	-.812	0	%100
47	M43	X	.000159	.000159	0	%100
48	M43	Z	-.000276	-.000276	0	%100
49	M44	X	.258	.258	0	%100
50	M44	Z	-.446	-.446	0	%100
51	M49	X	.157	.157	0	%100
52	M49	Z	-.272	-.272	0	%100
53	M50	X	.477	.477	0	%100
54	M50	Z	-.827	-.827	0	%100
55	M52	X	.495	.495	0	%100
56	M52	Z	-.857	-.857	0	%100
57	M54	X	.157	.157	0	%100
58	M54	Z	-.272	-.272	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	.247	.247	0	%100
64	MP4C	Z	-.429	-.429	0	%100
65	MP1C	X	.247	.247	0	%100
66	MP1C	Z	-.429	-.429	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	.399	.399	0	%100
70	M70	Z	-.692	-.692	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	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,%]
77	M76A	X	.245	.245	0	%100
78	M76A	Z	-.424	-.424	0	%100
79	M77B	X	.245	.245	0	%100
80	M77B	Z	-.425	-.425	0	%100
81	M82B	X	.629	.629	0	%100
82	M82B	Z	-1.089	-1.089	0	%100
83	M83B	X	.477	.477	0	%100
84	M83B	Z	-.827	-.827	0	%100
85	M85A	X	.495	.495	0	%100
86	M85A	Z	-.857	-.857	0	%100
87	M87	X	.629	.629	0	%100
88	M87	Z	-1.089	-1.089	0	%100
89	M88A	X	.477	.477	0	%100
90	M88A	Z	-.827	-.827	0	%100
91	M90	X	.495	.495	0	%100
92	M90	Z	-.857	-.857	0	%100
93	MP4B	X	.247	.247	0	%100
94	MP4B	Z	-.429	-.429	0	%100
95	MP1B	X	.247	.247	0	%100
96	MP1B	Z	-.429	-.429	0	%100
97	M102	X	.273	.273	0	%100
98	M102	Z	-.474	-.474	0	%100
99	M107	X	.273	.273	0	%100
100	M107	Z	-.474	-.474	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	.247	.247	0	%100
104	MP3C	Z	-.429	-.429	0	%100
105	MP2C	X	.247	.247	0	%100
106	MP2C	Z	-.429	-.429	0	%100
107	MP3B	X	.247	.247	0	%100
108	MP3B	Z	-.429	-.429	0	%100
109	MP2B	X	.247	.247	0	%100
110	MP2B	Z	-.429	-.429	0	%100
111	M123	X	.3	.3	0	%100
112	M123	Z	-.52	-.52	0	%100
113	M124	X	.3	.3	0	%100
114	M124	Z	-.52	-.52	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	.158	.158	0	%100
2	M20	Z	-.091	-.091	0	%100
3	M72A	X	.519	.519	0	%100
4	M72A	Z	-.3	-.3	0	%100
5	M73	X	.148	.148	0	%100
6	M73	Z	-.085	-.085	0	%100
7	M74	X	.148	.148	0	%100
8	M74	Z	-.085	-.085	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,%]
9	M75	X	.271	.271	0	%100
10	M75	Z	-.156	-.156	0	%100
11	M78	X	.58	.58	0	%100
12	M78	Z	-.335	-.335	0	%100
13	M79	X	.134	.134	0	%100
14	M79	Z	-.078	-.078	0	%100
15	M84	X	.817	.817	0	%100
16	M84	Z	-.472	-.472	0	%100
17	M85	X	.276	.276	0	%100
18	M85	Z	-.159	-.159	0	%100
19	M87A	X	.286	.286	0	%100
20	M87A	Z	-.165	-.165	0	%100
21	M89A	X	.817	.817	0	%100
22	M89A	Z	-.472	-.472	0	%100
23	M90A	X	1.103	1.103	0	%100
24	M90A	Z	-.637	-.637	0	%100
25	M92	X	1.143	1.143	0	%100
26	M92	Z	-.66	-.66	0	%100
27	MP4A	X	.429	.429	0	%100
28	MP4A	Z	-.247	-.247	0	%100
29	MP3A	X	.429	.429	0	%100
30	MP3A	Z	-.247	-.247	0	%100
31	MP2A	X	.429	.429	0	%100
32	MP2A	Z	-.247	-.247	0	%100
33	MP1A	X	.429	.429	0	%100
34	MP1A	Z	-.247	-.247	0	%100
35	OVP	X	.35	.35	0	%100
36	OVP	Z	-.202	-.202	0	%100
37	M36	X	.632	.632	0	%100
38	M36	Z	-.365	-.365	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	.591	.591	0	%100
42	M38	Z	-.341	-.341	0	%100
43	M39	X	.591	.591	0	%100
44	M39	Z	-.341	-.341	0	%100
45	M40	X	1.083	1.083	0	%100
46	M40	Z	-.625	-.625	0	%100
47	M43	X	.156	.156	0	%100
48	M43	Z	-.09	-.09	0	%100
49	M44	X	.156	.156	0	%100
50	M44	Z	-.09	-.09	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	.276	.276	0	%100
54	M50	Z	-.159	-.159	0	%100
55	M52	X	.286	.286	0	%100
56	M52	Z	-.165	-.165	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.276	.276	0	%100
60	M55	Z	-.159	-.159	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M57	X	.286	.286	0	%100
62	M57	Z	-.165	-.165	0	%100
63	MP4C	X	.429	.429	0	%100
64	MP4C	Z	-.247	-.247	0	%100
65	MP1C	X	.429	.429	0	%100
66	MP1C	Z	-.247	-.247	0	%100
67	M69	X	.158	.158	0	%100
68	M69	Z	-.091	-.091	0	%100
69	M70	X	.519	.519	0	%100
70	M70	Z	-.3	-.3	0	%100
71	M71	X	.148	.148	0	%100
72	M71	Z	-.085	-.085	0	%100
73	M72	X	.148	.148	0	%100
74	M72	Z	-.085	-.085	0	%100
75	M73A	X	.271	.271	0	%100
76	M73A	Z	-.156	-.156	0	%100
77	M76A	X	.134	.134	0	%100
78	M76A	Z	-.078	-.078	0	%100
79	M77B	X	.581	.581	0	%100
80	M77B	Z	-.335	-.335	0	%100
81	M82B	X	.817	.817	0	%100
82	M82B	Z	-.472	-.472	0	%100
83	M83B	X	1.103	1.103	0	%100
84	M83B	Z	-.637	-.637	0	%100
85	M85A	X	1.143	1.143	0	%100
86	M85A	Z	-.66	-.66	0	%100
87	M87	X	.817	.817	0	%100
88	M87	Z	-.472	-.472	0	%100
89	M88A	X	.276	.276	0	%100
90	M88A	Z	-.159	-.159	0	%100
91	M90	X	.286	.286	0	%100
92	M90	Z	-.165	-.165	0	%100
93	MP4B	X	.429	.429	0	%100
94	MP4B	Z	-.247	-.247	0	%100
95	MP1B	X	.429	.429	0	%100
96	MP1B	Z	-.247	-.247	0	%100
97	M102	X	.158	.158	0	%100
98	M102	Z	-.091	-.091	0	%100
99	M107	X	.632	.632	0	%100
100	M107	Z	-.365	-.365	0	%100
101	M111	X	.158	.158	0	%100
102	M111	Z	-.091	-.091	0	%100
103	MP3C	X	.429	.429	0	%100
104	MP3C	Z	-.247	-.247	0	%100
105	MP2C	X	.429	.429	0	%100
106	MP2C	Z	-.247	-.247	0	%100
107	MP3B	X	.429	.429	0	%100
108	MP3B	Z	-.247	-.247	0	%100
109	MP2B	X	.429	.429	0	%100
110	MP2B	Z	-.247	-.247	0	%100
111	M123	X	.693	.693	0	%100
112	M123	Z	-.4	-.4	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,%]
113	M124	X	.173	.173	0	%100
114	M124	Z	-.1	-.1	0	%100
115	M125	X	.173	.173	0	%100
116	M125	Z	-.1	-.1	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	.799	.799	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	.49	.49	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	.49	.49	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	1.258	1.258	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	.955	.955	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	.99	.99	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	1.258	1.258	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	.955	.955	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	.99	.99	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	.495	.495	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	.495	.495	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	.495	.495	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	.495	.495	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	.405	.405	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	.547	.547	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.2	.2	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	.512	.512	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	.512	.512	0	%100
44	M39	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,%]
45	M40	X	.938	.938	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	.515	.515	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	.000319	.000319	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	.314	.314	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	0	0	0	%100
57	M54	X	.314	.314	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	.955	.955	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	.99	.99	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	.495	.495	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	.495	.495	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	.547	.547	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	.2	.2	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	.512	.512	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	.512	.512	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	.938	.938	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	.000319	.000319	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	.516	.516	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	.314	.314	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	.955	.955	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	.99	.99	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	.314	.314	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	.495	.495	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	.495	.495	0	%100
96	MP1B	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,%]
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	.547	.547	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	.547	.547	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	.495	.495	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	.495	.495	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	.495	.495	0	%100
108	MP3B	Z	0	0	0	%100
109	MP2B	X	.495	.495	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	.601	.601	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	.601	.601	0	%100
116	M125	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	M20	X	.158	.158	0	%100
2	M20	Z	.091	.091	0	%100
3	M72A	X	.519	.519	0	%100
4	M72A	Z	.3	.3	0	%100
5	M73	X	.148	.148	0	%100
6	M73	Z	.085	.085	0	%100
7	M74	X	.148	.148	0	%100
8	M74	Z	.085	.085	0	%100
9	M75	X	.271	.271	0	%100
10	M75	Z	.156	.156	0	%100
11	M78	X	.134	.134	0	%100
12	M78	Z	.078	.078	0	%100
13	M79	X	.581	.581	0	%100
14	M79	Z	.335	.335	0	%100
15	M84	X	.817	.817	0	%100
16	M84	Z	.472	.472	0	%100
17	M85	X	1.103	1.103	0	%100
18	M85	Z	.637	.637	0	%100
19	M87A	X	1.143	1.143	0	%100
20	M87A	Z	.66	.66	0	%100
21	M89A	X	.817	.817	0	%100
22	M89A	Z	.472	.472	0	%100
23	M90A	X	.276	.276	0	%100
24	M90A	Z	.159	.159	0	%100
25	M92	X	.286	.286	0	%100
26	M92	Z	.165	.165	0	%100
27	MP4A	X	.429	.429	0	%100
28	MP4A	Z	.247	.247	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,%]
29	MP3A	X	.429	.429	0	%100
30	MP3A	Z	.247	.247	0	%100
31	MP2A	X	.429	.429	0	%100
32	MP2A	Z	.247	.247	0	%100
33	MP1A	X	.429	.429	0	%100
34	MP1A	Z	.247	.247	0	%100
35	OVP	X	.35	.35	0	%100
36	OVP	Z	.202	.202	0	%100
37	M36	X	.158	.158	0	%100
38	M36	Z	.091	.091	0	%100
39	M37	X	.519	.519	0	%100
40	M37	Z	.3	.3	0	%100
41	M38	X	.148	.148	0	%100
42	M38	Z	.085	.085	0	%100
43	M39	X	.148	.148	0	%100
44	M39	Z	.085	.085	0	%100
45	M40	X	.271	.271	0	%100
46	M40	Z	.156	.156	0	%100
47	M43	X	.58	.58	0	%100
48	M43	Z	.335	.335	0	%100
49	M44	X	.134	.134	0	%100
50	M44	Z	.078	.078	0	%100
51	M49	X	.817	.817	0	%100
52	M49	Z	.472	.472	0	%100
53	M50	X	.276	.276	0	%100
54	M50	Z	.159	.159	0	%100
55	M52	X	.286	.286	0	%100
56	M52	Z	.165	.165	0	%100
57	M54	X	.817	.817	0	%100
58	M54	Z	.472	.472	0	%100
59	M55	X	1.103	1.103	0	%100
60	M55	Z	.637	.637	0	%100
61	M57	X	1.143	1.143	0	%100
62	M57	Z	.66	.66	0	%100
63	MP4C	X	.429	.429	0	%100
64	MP4C	Z	.247	.247	0	%100
65	MP1C	X	.429	.429	0	%100
66	MP1C	Z	.247	.247	0	%100
67	M69	X	.632	.632	0	%100
68	M69	Z	.365	.365	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	.591	.591	0	%100
72	M71	Z	.341	.341	0	%100
73	M72	X	.591	.591	0	%100
74	M72	Z	.341	.341	0	%100
75	M73A	X	1.083	1.083	0	%100
76	M73A	Z	.625	.625	0	%100
77	M76A	X	.156	.156	0	%100
78	M76A	Z	.09	.09	0	%100
79	M77B	X	.156	.156	0	%100
80	M77B	Z	.09	.09	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,%]
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	.276	.276	0	%100
84	M83B	Z	.159	.159	0	%100
85	M85A	X	.286	.286	0	%100
86	M85A	Z	.165	.165	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	.276	.276	0	%100
90	M88A	Z	.159	.159	0	%100
91	M90	X	.286	.286	0	%100
92	M90	Z	.165	.165	0	%100
93	MP4B	X	.429	.429	0	%100
94	MP4B	Z	.247	.247	0	%100
95	MP1B	X	.429	.429	0	%100
96	MP1B	Z	.247	.247	0	%100
97	M102	X	.158	.158	0	%100
98	M102	Z	.091	.091	0	%100
99	M107	X	.158	.158	0	%100
100	M107	Z	.091	.091	0	%100
101	M111	X	.632	.632	0	%100
102	M111	Z	.365	.365	0	%100
103	MP3C	X	.429	.429	0	%100
104	MP3C	Z	.247	.247	0	%100
105	MP2C	X	.429	.429	0	%100
106	MP2C	Z	.247	.247	0	%100
107	MP3B	X	.429	.429	0	%100
108	MP3B	Z	.247	.247	0	%100
109	MP2B	X	.429	.429	0	%100
110	MP2B	Z	.247	.247	0	%100
111	M123	X	.173	.173	0	%100
112	M123	Z	.1	.1	0	%100
113	M124	X	.173	.173	0	%100
114	M124	Z	.1	.1	0	%100
115	M125	X	.693	.693	0	%100
116	M125	Z	.4	.4	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	M20	X	.273	.273	0	%100
2	M20	Z	.474	.474	0	%100
3	M72A	X	.1	.1	0	%100
4	M72A	Z	.173	.173	0	%100
5	M73	X	.256	.256	0	%100
6	M73	Z	.443	.443	0	%100
7	M74	X	.256	.256	0	%100
8	M74	Z	.443	.443	0	%100
9	M75	X	.469	.469	0	%100
10	M75	Z	.812	.812	0	%100
11	M78	X	.000159	.000159	0	%100
12	M78	Z	.000276	.000276	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,%]
13	M79	X	.258	.258	0	%100
14	M79	Z	.446	.446	0	%100
15	M84	X	.157	.157	0	%100
16	M84	Z	.272	.272	0	%100
17	M85	X	.477	.477	0	%100
18	M85	Z	.827	.827	0	%100
19	M87A	X	.495	.495	0	%100
20	M87A	Z	.857	.857	0	%100
21	M89A	X	.157	.157	0	%100
22	M89A	Z	.272	.272	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	.247	.247	0	%100
28	MP4A	Z	.429	.429	0	%100
29	MP3A	X	.247	.247	0	%100
30	MP3A	Z	.429	.429	0	%100
31	MP2A	X	.247	.247	0	%100
32	MP2A	Z	.429	.429	0	%100
33	MP1A	X	.247	.247	0	%100
34	MP1A	Z	.429	.429	0	%100
35	OVP	X	.202	.202	0	%100
36	OVP	Z	.35	.35	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.399	.399	0	%100
40	M37	Z	.692	.692	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	.245	.245	0	%100
48	M43	Z	.424	.424	0	%100
49	M44	X	.245	.245	0	%100
50	M44	Z	.425	.425	0	%100
51	M49	X	.629	.629	0	%100
52	M49	Z	1.089	1.089	0	%100
53	M50	X	.477	.477	0	%100
54	M50	Z	.827	.827	0	%100
55	M52	X	.495	.495	0	%100
56	M52	Z	.857	.857	0	%100
57	M54	X	.629	.629	0	%100
58	M54	Z	1.089	1.089	0	%100
59	M55	X	.477	.477	0	%100
60	M55	Z	.827	.827	0	%100
61	M57	X	.495	.495	0	%100
62	M57	Z	.857	.857	0	%100
63	MP4C	X	.247	.247	0	%100
64	MP4C	Z	.429	.429	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,%]
65	MP1C	X	.247	.247	0	%100
66	MP1C	Z	.429	.429	0	%100
67	M69	X	.273	.273	0	%100
68	M69	Z	.474	.474	0	%100
69	M70	X	.1	.1	0	%100
70	M70	Z	.173	.173	0	%100
71	M71	X	.256	.256	0	%100
72	M71	Z	.443	.443	0	%100
73	M72	X	.256	.256	0	%100
74	M72	Z	.443	.443	0	%100
75	M73A	X	.469	.469	0	%100
76	M73A	Z	.812	.812	0	%100
77	M76A	X	.258	.258	0	%100
78	M76A	Z	.446	.446	0	%100
79	M77B	X	.000159	.000159	0	%100
80	M77B	Z	.000276	.000276	0	%100
81	M82B	X	.157	.157	0	%100
82	M82B	Z	.272	.272	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	.157	.157	0	%100
88	M87	Z	.272	.272	0	%100
89	M88A	X	.477	.477	0	%100
90	M88A	Z	.827	.827	0	%100
91	M90	X	.495	.495	0	%100
92	M90	Z	.857	.857	0	%100
93	MP4B	X	.247	.247	0	%100
94	MP4B	Z	.429	.429	0	%100
95	MP1B	X	.247	.247	0	%100
96	MP1B	Z	.429	.429	0	%100
97	M102	X	.273	.273	0	%100
98	M102	Z	.474	.474	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	.273	.273	0	%100
102	M111	Z	.474	.474	0	%100
103	MP3C	X	.247	.247	0	%100
104	MP3C	Z	.429	.429	0	%100
105	MP2C	X	.247	.247	0	%100
106	MP2C	Z	.429	.429	0	%100
107	MP3B	X	.247	.247	0	%100
108	MP3B	Z	.429	.429	0	%100
109	MP2B	X	.247	.247	0	%100
110	MP2B	Z	.429	.429	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	.3	.3	0	%100
114	M124	Z	.52	.52	0	%100
115	M125	X	.3	.3	0	%100
116	M125	Z	.52	.52	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	M20	X	0	0	0	%100
2	M20	Z	.729	.729	0	%100
3	M72A	X	0	0	0	%100
4	M72A	Z	0	0	0	%100
5	M73	X	0	0	0	%100
6	M73	Z	.683	.683	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	.683	.683	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	1.25	1.25	0	%100
11	M78	X	0	0	0	%100
12	M78	Z	.18	.18	0	%100
13	M79	X	0	0	0	%100
14	M79	Z	.18	.18	0	%100
15	M84	X	0	0	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	.318	.318	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	.33	.33	0	%100
21	M89A	X	0	0	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	.318	.318	0	%100
25	M92	X	0	0	0	%100
26	M92	Z	.33	.33	0	%100
27	MP4A	X	0	0	0	%100
28	MP4A	Z	.495	.495	0	%100
29	MP3A	X	0	0	0	%100
30	MP3A	Z	.495	.495	0	%100
31	MP2A	X	0	0	0	%100
32	MP2A	Z	.495	.495	0	%100
33	MP1A	X	0	0	0	%100
34	MP1A	Z	.495	.495	0	%100
35	OVP	X	0	0	0	%100
36	OVP	Z	.405	.405	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	.182	.182	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	.599	.599	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	.171	.171	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	.171	.171	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	.313	.313	0	%100
47	M43	X	0	0	0	%100
48	M43	Z	.155	.155	0	%100
49	M44	X	0	0	0	%100
50	M44	Z	.67	.67	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	.943	.943	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,%]
53	M50	X	0	0	0	%100
54	M50	Z	1.273	1.273	0	%100
55	M52	X	0	0	0	%100
56	M52	Z	1.32	1.32	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	.943	.943	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	.318	.318	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	.33	.33	0	%100
63	MP4C	X	0	0	0	%100
64	MP4C	Z	.495	.495	0	%100
65	MP1C	X	0	0	0	%100
66	MP1C	Z	.495	.495	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	.182	.182	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	.599	.599	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	.171	.171	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	.171	.171	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	.313	.313	0	%100
77	M76A	X	0	0	0	%100
78	M76A	Z	.67	.67	0	%100
79	M77B	X	0	0	0	%100
80	M77B	Z	.155	.155	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	.943	.943	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	.318	.318	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	.33	.33	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	.943	.943	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	1.273	1.273	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	1.32	1.32	0	%100
93	MP4B	X	0	0	0	%100
94	MP4B	Z	.495	.495	0	%100
95	MP1B	X	0	0	0	%100
96	MP1B	Z	.495	.495	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	.729	.729	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	.182	.182	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	.182	.182	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	.495	.495	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP2C	X	0	0	0	%100
106	MP2C	Z	.495	.495	0	%100
107	MP3B	X	0	0	0	%100
108	MP3B	Z	.495	.495	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	.495	.495	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	.2	.2	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	.801	.801	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	.2	.2	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	M20	X	-.273	-.273	0	%100
2	M20	Z	.474	.474	0	%100
3	M72A	X	-.1	-.1	0	%100
4	M72A	Z	.173	.173	0	%100
5	M73	X	-.256	-.256	0	%100
6	M73	Z	.443	.443	0	%100
7	M74	X	-.256	-.256	0	%100
8	M74	Z	.443	.443	0	%100
9	M75	X	-.469	-.469	0	%100
10	M75	Z	.812	.812	0	%100
11	M78	X	-.258	-.258	0	%100
12	M78	Z	.446	.446	0	%100
13	M79	X	-.000159	-.000159	0	%100
14	M79	Z	.000276	.000276	0	%100
15	M84	X	-.157	-.157	0	%100
16	M84	Z	.272	.272	0	%100
17	M85	X	0	0	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	0	0	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-.157	-.157	0	%100
22	M89A	Z	.272	.272	0	%100
23	M90A	X	-.477	-.477	0	%100
24	M90A	Z	.827	.827	0	%100
25	M92	X	-.495	-.495	0	%100
26	M92	Z	.857	.857	0	%100
27	MP4A	X	-.247	-.247	0	%100
28	MP4A	Z	.429	.429	0	%100
29	MP3A	X	-.247	-.247	0	%100
30	MP3A	Z	.429	.429	0	%100
31	MP2A	X	-.247	-.247	0	%100
32	MP2A	Z	.429	.429	0	%100
33	MP1A	X	-.247	-.247	0	%100
34	MP1A	Z	.429	.429	0	%100
35	OVP	X	-.202	-.202	0	%100
36	OVP	Z	.35	.35	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,%]
37	M36	X	-.273	-.273	0	%100
38	M36	Z	.474	.474	0	%100
39	M37	X	-.1	-.1	0	%100
40	M37	Z	.173	.173	0	%100
41	M38	X	-.256	-.256	0	%100
42	M38	Z	.443	.443	0	%100
43	M39	X	-.256	-.256	0	%100
44	M39	Z	.443	.443	0	%100
45	M40	X	-.469	-.469	0	%100
46	M40	Z	.812	.812	0	%100
47	M43	X	-.000159	-.000159	0	%100
48	M43	Z	.000276	.000276	0	%100
49	M44	X	-.258	-.258	0	%100
50	M44	Z	.446	.446	0	%100
51	M49	X	-.157	-.157	0	%100
52	M49	Z	.272	.272	0	%100
53	M50	X	-.477	-.477	0	%100
54	M50	Z	.827	.827	0	%100
55	M52	X	-.495	-.495	0	%100
56	M52	Z	.857	.857	0	%100
57	M54	X	-.157	-.157	0	%100
58	M54	Z	.272	.272	0	%100
59	M55	X	0	0	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-.247	-.247	0	%100
64	MP4C	Z	.429	.429	0	%100
65	MP1C	X	-.247	-.247	0	%100
66	MP1C	Z	.429	.429	0	%100
67	M69	X	0	0	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-.399	-.399	0	%100
70	M70	Z	.692	.692	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	0	0	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	0	0	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-.245	-.245	0	%100
78	M76A	Z	.424	.424	0	%100
79	M77B	X	-.245	-.245	0	%100
80	M77B	Z	.425	.425	0	%100
81	M82B	X	-.629	-.629	0	%100
82	M82B	Z	1.089	1.089	0	%100
83	M83B	X	-.477	-.477	0	%100
84	M83B	Z	.827	.827	0	%100
85	M85A	X	-.495	-.495	0	%100
86	M85A	Z	.857	.857	0	%100
87	M87	X	-.629	-.629	0	%100
88	M87	Z	1.089	1.089	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,%]
89	M88A	X	-.477	-.477	0	%100
90	M88A	Z	.827	.827	0	%100
91	M90	X	-.495	-.495	0	%100
92	M90	Z	.857	.857	0	%100
93	MP4B	X	-.247	-.247	0	%100
94	MP4B	Z	.429	.429	0	%100
95	MP1B	X	-.247	-.247	0	%100
96	MP1B	Z	.429	.429	0	%100
97	M102	X	-.273	-.273	0	%100
98	M102	Z	.474	.474	0	%100
99	M107	X	-.273	-.273	0	%100
100	M107	Z	.474	.474	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-.247	-.247	0	%100
104	MP3C	Z	.429	.429	0	%100
105	MP2C	X	-.247	-.247	0	%100
106	MP2C	Z	.429	.429	0	%100
107	MP3B	X	-.247	-.247	0	%100
108	MP3B	Z	.429	.429	0	%100
109	MP2B	X	-.247	-.247	0	%100
110	MP2B	Z	.429	.429	0	%100
111	M123	X	-.3	-.3	0	%100
112	M123	Z	.52	.52	0	%100
113	M124	X	-.3	-.3	0	%100
114	M124	Z	.52	.52	0	%100
115	M125	X	0	0	0	%100
116	M125	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-.158	-.158	0	%100
2	M20	Z	.091	.091	0	%100
3	M72A	X	-.519	-.519	0	%100
4	M72A	Z	.3	.3	0	%100
5	M73	X	-.148	-.148	0	%100
6	M73	Z	.085	.085	0	%100
7	M74	X	-.148	-.148	0	%100
8	M74	Z	.085	.085	0	%100
9	M75	X	-.271	-.271	0	%100
10	M75	Z	.156	.156	0	%100
11	M78	X	-.58	-.58	0	%100
12	M78	Z	.335	.335	0	%100
13	M79	X	-.134	-.134	0	%100
14	M79	Z	.078	.078	0	%100
15	M84	X	-.817	-.817	0	%100
16	M84	Z	.472	.472	0	%100
17	M85	X	-.276	-.276	0	%100
18	M85	Z	.159	.159	0	%100
19	M87A	X	-.286	-.286	0	%100
20	M87A	Z	.165	.165	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,%]
21	M89A	X	-.817	-.817	0	%100
22	M89A	Z	.472	.472	0	%100
23	M90A	X	-1.103	-1.103	0	%100
24	M90A	Z	.637	.637	0	%100
25	M92	X	-1.143	-1.143	0	%100
26	M92	Z	.66	.66	0	%100
27	MP4A	X	-.429	-.429	0	%100
28	MP4A	Z	.247	.247	0	%100
29	MP3A	X	-.429	-.429	0	%100
30	MP3A	Z	.247	.247	0	%100
31	MP2A	X	-.429	-.429	0	%100
32	MP2A	Z	.247	.247	0	%100
33	MP1A	X	-.429	-.429	0	%100
34	MP1A	Z	.247	.247	0	%100
35	OVP	X	-.35	-.35	0	%100
36	OVP	Z	.202	.202	0	%100
37	M36	X	-.632	-.632	0	%100
38	M36	Z	.365	.365	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-.591	-.591	0	%100
42	M38	Z	.341	.341	0	%100
43	M39	X	-.591	-.591	0	%100
44	M39	Z	.341	.341	0	%100
45	M40	X	-1.083	-1.083	0	%100
46	M40	Z	.625	.625	0	%100
47	M43	X	-.156	-.156	0	%100
48	M43	Z	.09	.09	0	%100
49	M44	X	-.156	-.156	0	%100
50	M44	Z	.09	.09	0	%100
51	M49	X	0	0	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	-.276	-.276	0	%100
54	M50	Z	.159	.159	0	%100
55	M52	X	-.286	-.286	0	%100
56	M52	Z	.165	.165	0	%100
57	M54	X	0	0	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.276	-.276	0	%100
60	M55	Z	.159	.159	0	%100
61	M57	X	-.286	-.286	0	%100
62	M57	Z	.165	.165	0	%100
63	MP4C	X	-.429	-.429	0	%100
64	MP4C	Z	.247	.247	0	%100
65	MP1C	X	-.429	-.429	0	%100
66	MP1C	Z	.247	.247	0	%100
67	M69	X	-.158	-.158	0	%100
68	M69	Z	.091	.091	0	%100
69	M70	X	-.519	-.519	0	%100
70	M70	Z	.3	.3	0	%100
71	M71	X	-.148	-.148	0	%100
72	M71	Z	.085	.085	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,%]
73	M72	X	-.148	-.148	0	%100
74	M72	Z	.085	.085	0	%100
75	M73A	X	-.271	-.271	0	%100
76	M73A	Z	.156	.156	0	%100
77	M76A	X	-.134	-.134	0	%100
78	M76A	Z	.078	.078	0	%100
79	M77B	X	-.581	-.581	0	%100
80	M77B	Z	.335	.335	0	%100
81	M82B	X	-.817	-.817	0	%100
82	M82B	Z	.472	.472	0	%100
83	M83B	X	-1.103	-1.103	0	%100
84	M83B	Z	.637	.637	0	%100
85	M85A	X	-1.143	-1.143	0	%100
86	M85A	Z	.66	.66	0	%100
87	M87	X	-.817	-.817	0	%100
88	M87	Z	.472	.472	0	%100
89	M88A	X	-.276	-.276	0	%100
90	M88A	Z	.159	.159	0	%100
91	M90	X	-.286	-.286	0	%100
92	M90	Z	.165	.165	0	%100
93	MP4B	X	-.429	-.429	0	%100
94	MP4B	Z	.247	.247	0	%100
95	MP1B	X	-.429	-.429	0	%100
96	MP1B	Z	.247	.247	0	%100
97	M102	X	-.158	-.158	0	%100
98	M102	Z	.091	.091	0	%100
99	M107	X	-.632	-.632	0	%100
100	M107	Z	.365	.365	0	%100
101	M111	X	-.158	-.158	0	%100
102	M111	Z	.091	.091	0	%100
103	MP3C	X	-.429	-.429	0	%100
104	MP3C	Z	.247	.247	0	%100
105	MP2C	X	-.429	-.429	0	%100
106	MP2C	Z	.247	.247	0	%100
107	MP3B	X	-.429	-.429	0	%100
108	MP3B	Z	.247	.247	0	%100
109	MP2B	X	-.429	-.429	0	%100
110	MP2B	Z	.247	.247	0	%100
111	M123	X	-.693	-.693	0	%100
112	M123	Z	.4	.4	0	%100
113	M124	X	-.173	-.173	0	%100
114	M124	Z	.1	.1	0	%100
115	M125	X	-.173	-.173	0	%100
116	M125	Z	.1	.1	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	M72A	X	-.799	-.799	0	%100
4	M72A	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,%]
5	M73	X	0	0	0	%100
6	M73	Z	0	0	0	%100
7	M74	X	0	0	0	%100
8	M74	Z	0	0	0	%100
9	M75	X	0	0	0	%100
10	M75	Z	0	0	0	%100
11	M78	X	-.49	-.49	0	%100
12	M78	Z	0	0	0	%100
13	M79	X	-.49	-.49	0	%100
14	M79	Z	0	0	0	%100
15	M84	X	-1.258	-1.258	0	%100
16	M84	Z	0	0	0	%100
17	M85	X	-.955	-.955	0	%100
18	M85	Z	0	0	0	%100
19	M87A	X	-.99	-.99	0	%100
20	M87A	Z	0	0	0	%100
21	M89A	X	-1.258	-1.258	0	%100
22	M89A	Z	0	0	0	%100
23	M90A	X	-.955	-.955	0	%100
24	M90A	Z	0	0	0	%100
25	M92	X	-.99	-.99	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-.495	-.495	0	%100
28	MP4A	Z	0	0	0	%100
29	MP3A	X	-.495	-.495	0	%100
30	MP3A	Z	0	0	0	%100
31	MP2A	X	-.495	-.495	0	%100
32	MP2A	Z	0	0	0	%100
33	MP1A	X	-.495	-.495	0	%100
34	MP1A	Z	0	0	0	%100
35	OVP	X	-.405	-.405	0	%100
36	OVP	Z	0	0	0	%100
37	M36	X	-.547	-.547	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.2	-.2	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-.512	-.512	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	-.512	-.512	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	-.938	-.938	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-.515	-.515	0	%100
48	M43	Z	0	0	0	%100
49	M44	X	-.000319	-.000319	0	%100
50	M44	Z	0	0	0	%100
51	M49	X	-.314	-.314	0	%100
52	M49	Z	0	0	0	%100
53	M50	X	0	0	0	%100
54	M50	Z	0	0	0	%100
55	M52	X	0	0	0	%100
56	M52	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,%]
57	M54	X	-.314	-.314	0	%100
58	M54	Z	0	0	0	%100
59	M55	X	-.955	-.955	0	%100
60	M55	Z	0	0	0	%100
61	M57	X	-.99	-.99	0	%100
62	M57	Z	0	0	0	%100
63	MP4C	X	-.495	-.495	0	%100
64	MP4C	Z	0	0	0	%100
65	MP1C	X	-.495	-.495	0	%100
66	MP1C	Z	0	0	0	%100
67	M69	X	-.547	-.547	0	%100
68	M69	Z	0	0	0	%100
69	M70	X	-.2	-.2	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-.512	-.512	0	%100
72	M71	Z	0	0	0	%100
73	M72	X	-.512	-.512	0	%100
74	M72	Z	0	0	0	%100
75	M73A	X	-.938	-.938	0	%100
76	M73A	Z	0	0	0	%100
77	M76A	X	-.000319	-.000319	0	%100
78	M76A	Z	0	0	0	%100
79	M77B	X	-.516	-.516	0	%100
80	M77B	Z	0	0	0	%100
81	M82B	X	-.314	-.314	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-.955	-.955	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	-.99	-.99	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-.314	-.314	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	0	0	0	%100
90	M88A	Z	0	0	0	%100
91	M90	X	0	0	0	%100
92	M90	Z	0	0	0	%100
93	MP4B	X	-.495	-.495	0	%100
94	MP4B	Z	0	0	0	%100
95	MP1B	X	-.495	-.495	0	%100
96	MP1B	Z	0	0	0	%100
97	M102	X	0	0	0	%100
98	M102	Z	0	0	0	%100
99	M107	X	-.547	-.547	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-.547	-.547	0	%100
102	M111	Z	0	0	0	%100
103	MP3C	X	-.495	-.495	0	%100
104	MP3C	Z	0	0	0	%100
105	MP2C	X	-.495	-.495	0	%100
106	MP2C	Z	0	0	0	%100
107	MP3B	X	-.495	-.495	0	%100
108	MP3B	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,%]
109	MP2B	X	-.495	-.495	0	%100
110	MP2B	Z	0	0	0	%100
111	M123	X	-.601	-.601	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	0	0	0	%100
114	M124	Z	0	0	0	%100
115	M125	X	-.601	-.601	0	%100
116	M125	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	M20	X	-.158	-.158	0	%100
2	M20	Z	-.091	-.091	0	%100
3	M72A	X	-.519	-.519	0	%100
4	M72A	Z	-.3	-.3	0	%100
5	M73	X	-.148	-.148	0	%100
6	M73	Z	-.085	-.085	0	%100
7	M74	X	-.148	-.148	0	%100
8	M74	Z	-.085	-.085	0	%100
9	M75	X	-.271	-.271	0	%100
10	M75	Z	-.156	-.156	0	%100
11	M78	X	-.134	-.134	0	%100
12	M78	Z	-.078	-.078	0	%100
13	M79	X	-.581	-.581	0	%100
14	M79	Z	-.335	-.335	0	%100
15	M84	X	-.817	-.817	0	%100
16	M84	Z	-.472	-.472	0	%100
17	M85	X	-1.103	-1.103	0	%100
18	M85	Z	-.637	-.637	0	%100
19	M87A	X	-1.143	-1.143	0	%100
20	M87A	Z	-.66	-.66	0	%100
21	M89A	X	-.817	-.817	0	%100
22	M89A	Z	-.472	-.472	0	%100
23	M90A	X	-.276	-.276	0	%100
24	M90A	Z	-.159	-.159	0	%100
25	M92	X	-.286	-.286	0	%100
26	M92	Z	-.165	-.165	0	%100
27	MP4A	X	-.429	-.429	0	%100
28	MP4A	Z	-.247	-.247	0	%100
29	MP3A	X	-.429	-.429	0	%100
30	MP3A	Z	-.247	-.247	0	%100
31	MP2A	X	-.429	-.429	0	%100
32	MP2A	Z	-.247	-.247	0	%100
33	MP1A	X	-.429	-.429	0	%100
34	MP1A	Z	-.247	-.247	0	%100
35	OVP	X	-.35	-.35	0	%100
36	OVP	Z	-.202	-.202	0	%100
37	M36	X	-.158	-.158	0	%100
38	M36	Z	-.091	-.091	0	%100
39	M37	X	-.519	-.519	0	%100
40	M37	Z	-.3	-.3	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,%]
41	M38	X	-.148	-.148	0	%100
42	M38	Z	-.085	-.085	0	%100
43	M39	X	-.148	-.148	0	%100
44	M39	Z	-.085	-.085	0	%100
45	M40	X	-.271	-.271	0	%100
46	M40	Z	-.156	-.156	0	%100
47	M43	X	-.58	-.58	0	%100
48	M43	Z	-.335	-.335	0	%100
49	M44	X	-.134	-.134	0	%100
50	M44	Z	-.078	-.078	0	%100
51	M49	X	-.817	-.817	0	%100
52	M49	Z	-.472	-.472	0	%100
53	M50	X	-.276	-.276	0	%100
54	M50	Z	-.159	-.159	0	%100
55	M52	X	-.286	-.286	0	%100
56	M52	Z	-.165	-.165	0	%100
57	M54	X	-.817	-.817	0	%100
58	M54	Z	-.472	-.472	0	%100
59	M55	X	-1.103	-1.103	0	%100
60	M55	Z	-.637	-.637	0	%100
61	M57	X	-1.143	-1.143	0	%100
62	M57	Z	-.66	-.66	0	%100
63	MP4C	X	-.429	-.429	0	%100
64	MP4C	Z	-.247	-.247	0	%100
65	MP1C	X	-.429	-.429	0	%100
66	MP1C	Z	-.247	-.247	0	%100
67	M69	X	-.632	-.632	0	%100
68	M69	Z	-.365	-.365	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-.591	-.591	0	%100
72	M71	Z	-.341	-.341	0	%100
73	M72	X	-.591	-.591	0	%100
74	M72	Z	-.341	-.341	0	%100
75	M73A	X	-1.083	-1.083	0	%100
76	M73A	Z	-.625	-.625	0	%100
77	M76A	X	-.156	-.156	0	%100
78	M76A	Z	-.09	-.09	0	%100
79	M77B	X	-.156	-.156	0	%100
80	M77B	Z	-.09	-.09	0	%100
81	M82B	X	0	0	0	%100
82	M82B	Z	0	0	0	%100
83	M83B	X	-.276	-.276	0	%100
84	M83B	Z	-.159	-.159	0	%100
85	M85A	X	-.286	-.286	0	%100
86	M85A	Z	-.165	-.165	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M88A	X	-.276	-.276	0	%100
90	M88A	Z	-.159	-.159	0	%100
91	M90	X	-.286	-.286	0	%100
92	M90	Z	-.165	-.165	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	MP4B	X	-.429	-.429	0	%100
94	MP4B	Z	-.247	-.247	0	%100
95	MP1B	X	-.429	-.429	0	%100
96	MP1B	Z	-.247	-.247	0	%100
97	M102	X	-.158	-.158	0	%100
98	M102	Z	-.091	-.091	0	%100
99	M107	X	-.158	-.158	0	%100
100	M107	Z	-.091	-.091	0	%100
101	M111	X	-.632	-.632	0	%100
102	M111	Z	-.365	-.365	0	%100
103	MP3C	X	-.429	-.429	0	%100
104	MP3C	Z	-.247	-.247	0	%100
105	MP2C	X	-.429	-.429	0	%100
106	MP2C	Z	-.247	-.247	0	%100
107	MP3B	X	-.429	-.429	0	%100
108	MP3B	Z	-.247	-.247	0	%100
109	MP2B	X	-.429	-.429	0	%100
110	MP2B	Z	-.247	-.247	0	%100
111	M123	X	-.173	-.173	0	%100
112	M123	Z	-.1	-.1	0	%100
113	M124	X	-.173	-.173	0	%100
114	M124	Z	-.1	-.1	0	%100
115	M125	X	-.693	-.693	0	%100
116	M125	Z	-.4	-.4	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	M20	X	-.273	-.273	0	%100
2	M20	Z	-.474	-.474	0	%100
3	M72A	X	-.1	-.1	0	%100
4	M72A	Z	-.173	-.173	0	%100
5	M73	X	-.256	-.256	0	%100
6	M73	Z	-.443	-.443	0	%100
7	M74	X	-.256	-.256	0	%100
8	M74	Z	-.443	-.443	0	%100
9	M75	X	-.469	-.469	0	%100
10	M75	Z	-.812	-.812	0	%100
11	M78	X	-.000159	-.000159	0	%100
12	M78	Z	-.000276	-.000276	0	%100
13	M79	X	-.258	-.258	0	%100
14	M79	Z	-.446	-.446	0	%100
15	M84	X	-.157	-.157	0	%100
16	M84	Z	-.272	-.272	0	%100
17	M85	X	-.477	-.477	0	%100
18	M85	Z	-.827	-.827	0	%100
19	M87A	X	-.495	-.495	0	%100
20	M87A	Z	-.857	-.857	0	%100
21	M89A	X	-.157	-.157	0	%100
22	M89A	Z	-.272	-.272	0	%100
23	M90A	X	0	0	0	%100
24	M90A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M92	X	0	0	0	%100
26	M92	Z	0	0	0	%100
27	MP4A	X	-.247	-.247	0	%100
28	MP4A	Z	-.429	-.429	0	%100
29	MP3A	X	-.247	-.247	0	%100
30	MP3A	Z	-.429	-.429	0	%100
31	MP2A	X	-.247	-.247	0	%100
32	MP2A	Z	-.429	-.429	0	%100
33	MP1A	X	-.247	-.247	0	%100
34	MP1A	Z	-.429	-.429	0	%100
35	OVP	X	-.202	-.202	0	%100
36	OVP	Z	-.35	-.35	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.399	-.399	0	%100
40	M37	Z	-.692	-.692	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M39	X	0	0	0	%100
44	M39	Z	0	0	0	%100
45	M40	X	0	0	0	%100
46	M40	Z	0	0	0	%100
47	M43	X	-.245	-.245	0	%100
48	M43	Z	-.424	-.424	0	%100
49	M44	X	-.245	-.245	0	%100
50	M44	Z	-.425	-.425	0	%100
51	M49	X	-.629	-.629	0	%100
52	M49	Z	-1.089	-1.089	0	%100
53	M50	X	-.477	-.477	0	%100
54	M50	Z	-.827	-.827	0	%100
55	M52	X	-.495	-.495	0	%100
56	M52	Z	-.857	-.857	0	%100
57	M54	X	-.629	-.629	0	%100
58	M54	Z	-1.089	-1.089	0	%100
59	M55	X	-.477	-.477	0	%100
60	M55	Z	-.827	-.827	0	%100
61	M57	X	-.495	-.495	0	%100
62	M57	Z	-.857	-.857	0	%100
63	MP4C	X	-.247	-.247	0	%100
64	MP4C	Z	-.429	-.429	0	%100
65	MP1C	X	-.247	-.247	0	%100
66	MP1C	Z	-.429	-.429	0	%100
67	M69	X	-.273	-.273	0	%100
68	M69	Z	-.474	-.474	0	%100
69	M70	X	-.1	-.1	0	%100
70	M70	Z	-.173	-.173	0	%100
71	M71	X	-.256	-.256	0	%100
72	M71	Z	-.443	-.443	0	%100
73	M72	X	-.256	-.256	0	%100
74	M72	Z	-.443	-.443	0	%100
75	M73A	X	-.469	-.469	0	%100
76	M73A	Z	-.812	-.812	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,%]
77	M76A	X	-.258	-.258	0	%100
78	M76A	Z	-.446	-.446	0	%100
79	M77B	X	-.000159	-.000159	0	%100
80	M77B	Z	-.000276	-.000276	0	%100
81	M82B	X	-.157	-.157	0	%100
82	M82B	Z	-.272	-.272	0	%100
83	M83B	X	0	0	0	%100
84	M83B	Z	0	0	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-.157	-.157	0	%100
88	M87	Z	-.272	-.272	0	%100
89	M88A	X	-.477	-.477	0	%100
90	M88A	Z	-.827	-.827	0	%100
91	M90	X	-.495	-.495	0	%100
92	M90	Z	-.857	-.857	0	%100
93	MP4B	X	-.247	-.247	0	%100
94	MP4B	Z	-.429	-.429	0	%100
95	MP1B	X	-.247	-.247	0	%100
96	MP1B	Z	-.429	-.429	0	%100
97	M102	X	-.273	-.273	0	%100
98	M102	Z	-.474	-.474	0	%100
99	M107	X	0	0	0	%100
100	M107	Z	0	0	0	%100
101	M111	X	-.273	-.273	0	%100
102	M111	Z	-.474	-.474	0	%100
103	MP3C	X	-.247	-.247	0	%100
104	MP3C	Z	-.429	-.429	0	%100
105	MP2C	X	-.247	-.247	0	%100
106	MP2C	Z	-.429	-.429	0	%100
107	MP3B	X	-.247	-.247	0	%100
108	MP3B	Z	-.429	-.429	0	%100
109	MP2B	X	-.247	-.247	0	%100
110	MP2B	Z	-.429	-.429	0	%100
111	M123	X	0	0	0	%100
112	M123	Z	0	0	0	%100
113	M124	X	-.3	-.3	0	%100
114	M124	Z	-.52	-.52	0	%100
115	M125	X	-.3	-.3	0	%100
116	M125	Z	-.52	-.52	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	M78	Y	-2.164	-4.775	0	.764
2	M78	Y	-4.775	-6.304	.764	1.529
3	M78	Y	-6.304	-7.823	1.529	2.293
4	M78	Y	-7.823	-7.436	2.293	3.058
5	M78	Y	-7.436	-4.071	3.058	3.822
6	M79	Y	-4.042	-7.346	0	.765
7	M79	Y	-7.346	-7.66	.765	1.529
8	M79	Y	-7.66	-5.957	1.529	2.294

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,%]
9	M79	Y	-5.957	-4.517	2.294	3.059
10	M79	Y	-4.517	-2.371	3.059	3.823
11	M76A	Y	-2.167	-4.777	0	.764
12	M76A	Y	-4.777	-6.308	.764	1.529
13	M76A	Y	-6.308	-7.827	1.529	2.293
14	M76A	Y	-7.827	-7.434	2.293	3.058
15	M76A	Y	-7.434	-4.062	3.058	3.822
16	M77B	Y	-4.042	-7.346	0	.765
17	M77B	Y	-7.346	-7.66	.765	1.529
18	M77B	Y	-7.66	-5.956	1.529	2.294
19	M77B	Y	-5.956	-4.516	2.294	3.059
20	M77B	Y	-4.516	-2.367	3.059	3.823
21	M43	Y	-2.167	-4.777	0	.764
22	M43	Y	-4.777	-6.308	.764	1.529
23	M43	Y	-6.308	-7.827	1.529	2.293
24	M43	Y	-7.827	-7.434	2.293	3.058
25	M43	Y	-7.434	-4.062	3.058	3.822
26	M44	Y	-4.042	-7.346	0	.765
27	M44	Y	-7.346	-7.66	.765	1.529
28	M44	Y	-7.66	-5.956	1.529	2.294
29	M44	Y	-5.956	-4.516	2.294	3.059
30	M44	Y	-4.516	-2.367	3.059	3.823

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	M78	Y	-4.454	-9.826	0	.764
2	M78	Y	-9.826	-12.971	.764	1.529
3	M78	Y	-12.971	-16.097	1.529	2.293
4	M78	Y	-16.097	-15.302	2.293	3.058
5	M78	Y	-15.302	-8.376	3.058	3.822
6	M79	Y	-8.318	-15.115	0	.765
7	M79	Y	-15.115	-15.762	.765	1.529
8	M79	Y	-15.762	-12.257	1.529	2.294
9	M79	Y	-12.257	-9.295	2.294	3.059
10	M79	Y	-9.295	-4.879	3.059	3.823
11	M76A	Y	-4.459	-9.83	0	.764
12	M76A	Y	-9.83	-12.979	.764	1.529
13	M76A	Y	-12.979	-16.105	1.529	2.293
14	M76A	Y	-16.105	-15.296	2.293	3.058
15	M76A	Y	-15.296	-8.358	3.058	3.822
16	M77B	Y	-8.317	-15.116	0	.765
17	M77B	Y	-15.116	-15.762	.765	1.529
18	M77B	Y	-15.762	-12.256	1.529	2.294
19	M77B	Y	-12.256	-9.292	2.294	3.059
20	M77B	Y	-9.292	-4.871	3.059	3.823
21	M43	Y	-4.459	-9.83	0	.764
22	M43	Y	-9.83	-12.979	.764	1.529
23	M43	Y	-12.979	-16.105	1.529	2.293
24	M43	Y	-16.105	-15.296	2.293	3.058
25	M43	Y	-15.296	-8.358	3.058	3.822
26	M44	Y	-8.317	-15.116	0	.765

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	M44	Y	-15.116	-15.762	.765	1.529
28	M44	Y	-15.762	-12.256	1.529	2.294
29	M44	Y	-12.256	-9.292	2.294	3.059
30	M44	Y	-9.292	-4.871	3.059	3.823

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	M78	Y	-.095	-.21	0	.764
2	M78	Y	-.21	-.278	.764	1.529
3	M78	Y	-.278	-.345	1.529	2.293
4	M78	Y	-.345	-.327	2.293	3.058
5	M78	Y	-.327	-.179	3.058	3.822
6	M79	Y	-.178	-.323	0	.765
7	M79	Y	-.323	-.337	.765	1.529
8	M79	Y	-.337	-.262	1.529	2.294
9	M79	Y	-.262	-.199	2.294	3.059
10	M79	Y	-.199	-.104	3.059	3.823
11	M76A	Y	-.095	-.21	0	.764
12	M76A	Y	-.21	-.278	.764	1.529
13	M76A	Y	-.278	-.345	1.529	2.293
14	M76A	Y	-.345	-.327	2.293	3.058
15	M76A	Y	-.327	-.179	3.058	3.822
16	M77B	Y	-.178	-.324	0	.765
17	M77B	Y	-.324	-.337	.765	1.529
18	M77B	Y	-.337	-.262	1.529	2.294
19	M77B	Y	-.262	-.199	2.294	3.059
20	M77B	Y	-.199	-.104	3.059	3.823
21	M43	Y	-.095	-.21	0	.764
22	M43	Y	-.21	-.278	.764	1.529
23	M43	Y	-.278	-.345	1.529	2.293
24	M43	Y	-.345	-.327	2.293	3.058
25	M43	Y	-.327	-.179	3.058	3.822
26	M44	Y	-.178	-.324	0	.765
27	M44	Y	-.324	-.337	.765	1.529
28	M44	Y	-.337	-.262	1.529	2.294
29	M44	Y	-.262	-.199	2.294	3.059
30	M44	Y	-.199	-.104	3.059	3.823

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	M78	Z	-.238	-.524	0	.764
2	M78	Z	-.524	-.692	.764	1.529
3	M78	Z	-.692	-.859	1.529	2.293
4	M78	Z	-.859	-.817	2.293	3.058
5	M78	Z	-.817	-.447	3.058	3.822
6	M79	Z	-.444	-.807	0	.765
7	M79	Z	-.807	-.841	.765	1.529
8	M79	Z	-.841	-.654	1.529	2.294
9	M79	Z	-.654	-.496	2.294	3.059
10	M79	Z	-.496	-.26	3.059	3.823
11	M76A	Z	-.238	-.525	0	.764

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,%]
12	M76A	Z	-.525	-.693	.764	1.529
13	M76A	Z	-.693	-.859	1.529	2.293
14	M76A	Z	-.859	-.816	2.293	3.058
15	M76A	Z	-.816	-.446	3.058	3.822
16	M77B	Z	-.444	-.807	0	.765
17	M77B	Z	-.807	-.841	.765	1.529
18	M77B	Z	-.841	-.654	1.529	2.294
19	M77B	Z	-.654	-.496	2.294	3.059
20	M77B	Z	-.496	-.26	3.059	3.823
21	M43	Z	-.238	-.525	0	.764
22	M43	Z	-.525	-.693	.764	1.529
23	M43	Z	-.693	-.859	1.529	2.293
24	M43	Z	-.859	-.816	2.293	3.058
25	M43	Z	-.816	-.446	3.058	3.822
26	M44	Z	-.444	-.807	0	.765
27	M44	Z	-.807	-.841	.765	1.529
28	M44	Z	-.841	-.654	1.529	2.294
29	M44	Z	-.654	-.496	2.294	3.059
30	M44	Z	-.496	-.26	3.059	3.823

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	M78	X	.238	.524	0	.764
2	M78	X	.524	.692	.764	1.529
3	M78	X	.692	.859	1.529	2.293
4	M78	X	.859	.817	2.293	3.058
5	M78	X	.817	.447	3.058	3.822
6	M79	X	.444	.807	0	.765
7	M79	X	.807	.841	.765	1.529
8	M79	X	.841	.654	1.529	2.294
9	M79	X	.654	.496	2.294	3.059
10	M79	X	.496	.26	3.059	3.823
11	M76A	X	.238	.525	0	.764
12	M76A	X	.525	.693	.764	1.529
13	M76A	X	.693	.859	1.529	2.293
14	M76A	X	.859	.816	2.293	3.058
15	M76A	X	.816	.446	3.058	3.822
16	M77B	X	.444	.807	0	.765
17	M77B	X	.807	.841	.765	1.529
18	M77B	X	.841	.654	1.529	2.294
19	M77B	X	.654	.496	2.294	3.059
20	M77B	X	.496	.26	3.059	3.823
21	M43	X	.238	.525	0	.764
22	M43	X	.525	.693	.764	1.529
23	M43	X	.693	.859	1.529	2.293
24	M43	X	.859	.816	2.293	3.058
25	M43	X	.816	.446	3.058	3.822
26	M44	X	.444	.807	0	.765
27	M44	X	.807	.841	.765	1.529
28	M44	X	.841	.654	1.529	2.294
29	M44	X	.654	.496	2.294	3.059

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M44	X	.496	.26	3.059	3.823

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N116A	N117	N122	N121	Y	Two Way	-.005
2	N105	N104	N108	N109	Y	Two Way	-.005
3	N59	N58	N62	N63	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N116A	N117	N122	N121	Y	Two Way	-.011
2	N105	N104	N108	N109	Y	Two Way	-.011
3	N59	N58	N62	N63	Y	Two Way	-.011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N116A	N117	N122	N121	Y	Two Way	-.000229
2	N105	N104	N108	N109	Y	Two Way	-.000229
3	N59	N58	N62	N63	Y	Two Way	-.000229

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N116A	N117	N122	N121	Z	Two Way	-.000571
2	N105	N104	N108	N109	Z	Two Way	-.000571
3	N59	N58	N62	N63	Z	Two Way	-.000571

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N116A	N117	N122	N121	X	Two Way	.000571
2	N105	N104	N108	N109	X	Two Way	.000571
3	N59	N58	N62	N63	X	Two Way	.000571

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N112A	max	1036.631	10	2524.592	13	2244.522	1	6824.872	13	1997.727	4	104.2	28
2		min	-1038.989	4	663.111	7	-2489.894	7	1057.764	7	-1997.892	10	-135.114	10
3	N54	max	1692.754	9	2375.059	21	1429.889	1	-583.934	3	2110.398	12	-1019.903	3
4		min	-1905.682	3	638.84	3	-1307.767	7	-3260.336	21	-2113.433	6	-5702.524	21
5	N100	max	1910.495	11	2348.243	17	1178.573	1	-495.754	11	1620.707	8	5624.298	17
6		min	-1695.508	5	596.176	11	-1055.323	7	-3347.587	29	-1621.342	2	927.189	11
7	Totals:	max	4495.878	10	6930.465	20	4852.983	1						
8		min	-4495.878	4	2269.32	65	-4852.984	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M20	PIPE_3.0	.203	4.083	18	.077	9.917		7	22812.1...	65205	5748.75	5748.75	2...	H1-1b
2	M72A	HSS4X4X4	.427	0	15	.067	0	y	14	116105....	139518	16180.5	16180.5	2...	H1-1b
3	M73	HSS4X4X3	.250	2.406	14	.046	.251	z	8	104351....	106812	12661.5	12661.5	1...	H1-1b
4	M74	HSS4X4X3	.261	0	24	.049	2.156	z	6	104351....	106812	12661.5	12661.5	1...	H1-1b
5	M75	PL1/2x6	.070	.547	8	.066	0	y	23	62895.0...	97200	1012.5	12150	1...	H1-1b
6	M78	L2x2x3	.146	0	2	.015	0	y	16	11253.0...	23392.8	557.717	1104.975	1...	H2-1
7	M79	L2x2x3	.152	3.823	12	.016	3.823	y	21	11247.1...	23392.8	557.717	1106.235	1...	H2-1
8	M84	PL3/8x6	.184	0	10	.432	0	y	20	71260.7...	72900	569.533	9112.5	1...	H1-1b
9	M85	PL3/8x6	.124	0	5	.126	0	y	13	71601.7...	72900	569.533	9112.5	1...	H1-1b
10	M87A	PL1/2x6	.027	.125	2	.079	.125	y	22	96648.9...	97200	1012.5	12150	1...	H1-1b
11	M89A	PL3/8x6	.220	0	10	.395	0	y	18	71260.7...	72900	569.533	9112.5	1...	H1-1b
12	M90A	PL3/8x6	.139	0	10	.121	0	y	13	71601.7...	72900	569.533	9112.5	1...	H1-1b
13	M92	PL1/2x6	.027	.125	6	.051	.125	y	4	96648.9...	97200	1012.5	12150	2...	H1-1b
14	MP4A	PIPE_2.0	.302	3.625	5	.072	3.625		6	20866.7...	32130	1871.625	1871.625	1...	H1-1b
15	MP3A	PIPE_2.0	.235	3.625	5	.043	3.625		3	20866.7...	32130	1871.625	1871.625	2...	H1-1b
16	MP2A	PIPE_2.0	.263	3.625	9	.050	3.625		9	20866.7...	32130	1871.625	1871.625	1...	H1-1b
17	MP1A	PIPE_2.0	.338	3.625	9	.075	3.625		8	20866.7...	32130	1871.625	1871.625	1...	H1-1b
18	OVP	PIPE_2.0	.070	2	10	.013	2		10	28843.4...	32130	1871.625	1871.625	2...	H1-1b
19	M36	PIPE_3.0	.205	4.083	14	.075	9.917		3	22812.1...	65205	5748.75	5748.75	2...	H1-1b
20	M37	HSS4X4X4	.414	0	19	.069	0	y	44	116105....	139518	16180.5	16180.5	2...	H1-1b
21	M38	HSS4X4X3	.253	2.406	22	.043	2.406	y	17	104351....	106812	12661.5	12661.5	1...	H1-1b
22	M39	HSS4X4X3	.259	0	20	.048	2.156	z	2	104351....	106812	12661.5	12661.5	1...	H1-1b
23	M40	PL1/2x6	.068	.547	4	.066	0	y	19	62895.0...	97200	1012.5	12150	1...	H1-1b
24	M43	L2x2x3	.138	0	10	.015	0	y	24	11253.0...	23392.8	557.717	1104.97	1...	H2-1
25	M44	L2x2x3	.151	3.823	8	.016	3.823	y	18	11247.1...	23392.8	557.717	1106.248	1...	H2-1
26	M49	PL3/8x6	.226	0	6	.429	0	y	17	71260.7...	72900	569.533	9112.5	1...	H1-1b
27	M50	PL3/8x6	.143	0	1	.125	0	y	20	71601.7...	72900	569.533	9112.5	1...	H1-1b
28	M52	PL1/2x6	.025	.125	10	.079	.125	y	18	96648.9...	97200	1012.5	12150	1...	H1-1b
29	M54	PL3/8x6	.272	0	6	.397	0	y	13	71260.7...	72900	569.533	9112.5	1...	H1-1b
30	M55	PL3/8x6	.164	0	6	.122	0	y	21	71601.7...	72900	569.533	9112.5	1...	H1-1b
31	M57	PL1/2x6	.027	.125	1	.054	.125	y	12	96648.9...	97200	1012.5	12150	1...	H1-1b
32	MP4C	PIPE_2.0	.309	3.625	1	.071	3.625		2	20866.7...	32130	1871.625	1871.625	2...	H1-1b
33	MP1C	PIPE_2.0	.337	3.625	5	.073	3.625		4	20866.7...	32130	1871.625	1871.625	1...	H1-1b
34	M69	PIPE_3.0	.205	4.083	22	.073	9.917		12	22812.1...	65205	5748.75	5748.75	2...	H1-1b
35	M70	HSS4X4X4	.404	0	15	.081	0	y	41	116105....	139518	16180.5	16180.5	2...	H1-1b
36	M71	HSS4X4X3	.249	2.406	18	.045	.251	z	12	104351....	106812	12661.5	12661.5	1...	H1-1b
37	M72	HSS4X4X3	.257	0	16	.047	2.156	z	10	104351....	106812	12661.5	12661.5	1...	H1-1b
38	M73A	PL1/2x6	.070	.547	12	.093	0	y	27	62895.0...	97200	1012.5	12150	1...	H1-1b
39	M76A	L2x2x3	.142	3.822	6	.015	0	y	20	11253.0...	23392.8	557.717	1104.97	1...	H2-1
40	M77B	L2x2x3	.146	3.823	4	.016	3.823	y	14	11247.1...	23392.8	557.717	1106.248	1...	H2-1
41	M82B	PL3/8x6	.183	0	2	.427	0	y	13	71260.7...	72900	569.533	9112.5	1...	H1-1b
42	M83B	PL3/8x6	.129	0	9	.124	0	y	16	71601.7...	72900	569.533	9112.5	1...	H1-1b
43	M85A	PL1/2x6	.026	.125	6	.102	.125	y	26	96648.9...	97200	1012.5	12150	1...	H1-1b
44	M87	PL3/8x6	.188	0	2	.390	0	y	22	71260.7...	72900	569.533	9112.5	1...	H1-1b
45	M88A	PL3/8x6	.123	0	2	.120	0	y	17	71601.7...	72900	569.533	9112.5	1...	H1-1b
46	M90	PL1/2x6	.025	.125	10	.078	0	y	26	96648.9...	97200	1012.5	12150	2...	H1-1b
47	MP4B	PIPE_2.0	.299	3.625	21	.065	3.625		10	20866.7...	32130	1871.625	1871.625	1...	H1-1b
48	MP1B	PIPE_2.0	.356	3.625	1	.076	3.625		12	20866.7...	32130	1871.625	1871.625	2...	H1-1b
49	M102	PIPE_3.0	.118	9.333	18	.035	1.896		12	22812.1...	65205	5748.75	5748.75	2...	H1-1b
50	M107	PIPE_3.0	.117	9.333	14	.033	5.833		7	22812.1...	65205	5748.75	5748.75	2...	H1-1b
51	M111	PIPE_3.0	.117	9.333	22	.038	9.333		7	22812.1...	65205	5748.75	5748.75	2...	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
52	MP3C	PIPE_2.0	.245	.688	1	.043	3.625		11	20866.7...	32130	1871.625	1871.625	2....	H1-1b
53	MP2C	PIPE_2.0	.265	3.625	6	.049	3.625		5	20866.7...	32130	1871.625	1871.625	1....	H1-1b
54	MP3B	PIPE_2.0	.244	3.625	8	.047	3.625		7	20866.7...	32130	1871.625	1871.625	2....	H1-1b
55	MP2B	PIPE_2.0	.304	3.625	1	.059	3.625		1	20866.7...	32130	1871.625	1871.625	2....	H1-1b
56	M123	L3X3X4	.221	0	11	.020	0	y	12	39318.6...	46656	1688.138	3755.745	2....	H2-1
57	M124	L3X3X4	.239	0	3	.020	0	y	3	39318.6...	46656	1688.138	3755.745	2....	H2-1
58	M125	L3X3X4	.252	0	7	.021	0	y	8	39318.6...	46656	1688.138	3755.745	2....	H2-1

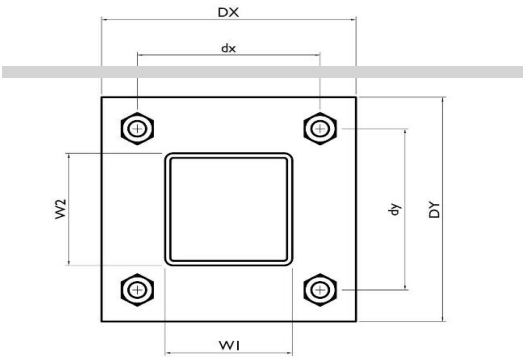
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	9/12/2023
Site Name:	MADISON 3 CT		
MDG #:	5000392974		
Fuze ID #:	17136809	Page:	1

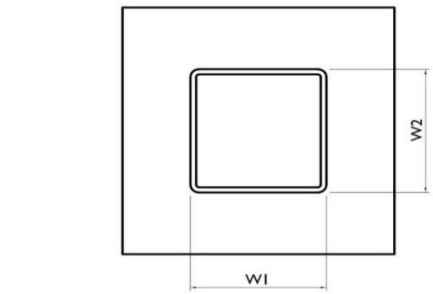
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)*:	6
d_y (in) *(Delta Y of typ. bolt config. sketch)*:	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	6.9
Required Shear Strength / bolt (kips):	0.6
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**33.5%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
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):	0.75
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	11.42
Phi*M_n (kip-in):	26.65
Plate Bending Utilization:	**42.8%**



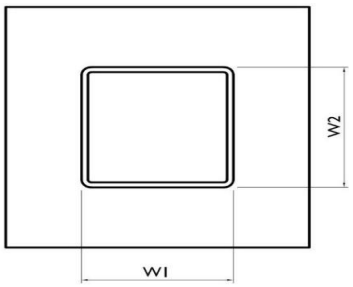
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	9/12/2023
Site Name:	MADISON 3 CT		
MDG #:	5000392974		
Fuze ID #:	17136809	Page:	2

Version 1.01

Tower Connection Weld Checks

	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	4
W1 (in):	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):	2.60
Weld Capacity (kip/in):	5.57
Weld Utilization:	**46.6%**



Date: **January 16, 2024**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000392974
	Site Name:	MADISON 3 CT
Crown Castle Designation:	**BU Number:**	5800059
	Site Name:	Ridge Road, Madison
	JDE Job Number:	2101359
	Work Order Number:	2278086
	Order Number:	656561 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number**	2278086
Site Data:	**258 Ridge Road, Madison, New Haven County, CT**	
	Latitude: *41° 18' 33.3"* Longitude: *-72° 36' 51.57"*	
	150 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:

LC7: Proposed Equipment Configuration **Sufficient Capacity**

This analysis has been performed in accordance with the 2018 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 123 mph. Applicable Standard references and design criteria are listed in Section 2 – "Analysis Criteria".

Structural analysis prepared by: Steven Hu

Respectfully submitted by:

Sudarshan Kasera

Digitally signed by Sudarshan C Kasera
Date: 2024.01.16 12:01:57 -05'00'

Sudarshan C Kasera, P.E.
Senior Project Engineer

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 150 ft Monopole Tower designed by Valmont.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	123 mph
Exposure Category:	B
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)
130	130	1		Platform Mount [LP 301-1]	13	1-5/8
		6	commscope	SBNHH-1D65B w/ Mount Pipe		
		6	decibel	DB846F65ZAXY w/ Mount Pipe		
		2	kaelus	KA-6030		
		1	raycap	RVZDC-6627-PF-48		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		

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)
148	159	1	dbspectra	DS4C06F36D-D	2 12	7/8 1-5/8
	150	3	ericsson	AIR 32 B2A/B66AA w/ Mount Pipe		
		3	ericsson	AIR6449 B41		
		3	ericsson	ERICSSON AIR 21 B2P w/ Mount Pipe		
		3	ericsson	KRY 112 144/1		
		3	ericsson	RADIO 4449 B71 B85A_T-MOBILE		
		3	ericsson	RRUS 4415 B25		
		3	rfs celwave	APXVAARR24_43-U-NA20_T-MOBILE w/ Mount Pipe		
	148	1	tower mounts	Platform Mount [LP 303-1_KCKR-HR-1]		
140	142	3	ericsson	AIR 6449 B77D_CCVI2	12	1-5/8
	140	3	cci antennas	OPA65R-BU6D w/ Mount Pipe	2	13/16

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
		6	cci antennas	TPA65R-BU6D_CCIV2 w/ Mount Pipe	3 4	3/8 7/8
		3	ericsson	RRUS 32 B2		
		3	ericsson	RRUS 4426 B66		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14_CCIV2		
		3	raycap	DC6-48-60-18-8F		
		1	tower mounts	Platform Mount [LP 304-1_HR-1]		
	138	3	ericsson	AIR 6419 B77G_CCIV3		
124	124	1	kathrein	800 10251 w/ Mount Pipe	2 1	11/32 7/8
		1	radiowaves	HP2-4.7NS		
		1	tower mounts	Side Arm Mount [SO 701-1]		
113	113	3	kathrein	800 10252	3	7/8
		1	tower mounts	T-Arm Mount [TA 601-1]		
95	95	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		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	2354009	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	2354010	CCISITES
4-TOWER MANUFACTURER DRAWINGS	2354011	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.

3.2) Assumptions

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

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

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass/ Fail
L1	150 - 110	Pole	TP39.633x28.4x0.25	1	-17.943	1847.695	27.5	Pass
L2	110 - 94.25	Pole	TP43.556x37.659x0.281	2	-22.040	2288.202	34.3	Pass
L3	94.25 - 46.25	Pole	TP56.472x41.449x0.375	3	-39.246	3952.473	38.7	Pass
L4	46.25 - 0	Pole	TP68.71x53.686x0.438	4	-62.957	5823.394	39.5	Pass
							Summary	
						Pole (L4)	39.5	Pass
						RATING =	39.5	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	33.7	Pass
1	Base Plate	0	28.7	Pass
1	Base Foundation (Structural)	0	41.8	Pass
1	Base Foundation (Soil)	0	28.4	Pass

Structure Rating (max from all components) =	**41.8%**

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

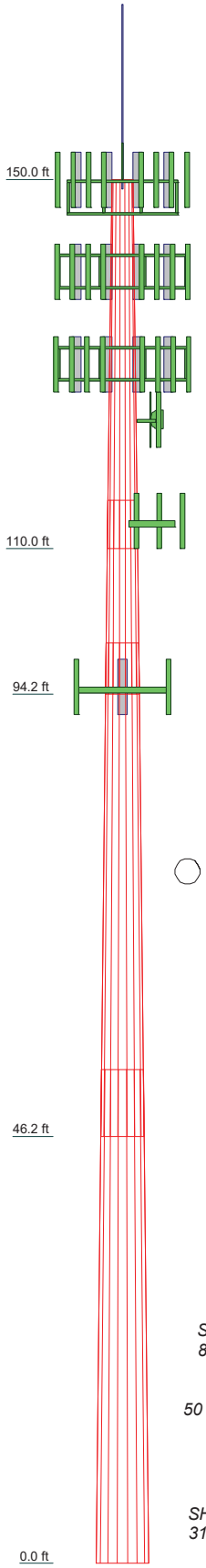
TNXTOWER OUTPUT

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in New Haven County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 123 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TOWER RATING: 39.5%



ALL REACTIONS ARE FACTORED

AXIAL 84 K

SHEAR 8 K — *MOMENT 826 kip-ft*

TORQUE 2 kip-ft
50 mph WIND - 1.000 in ICE

AXIAL 63 K

SHEAR 31 K — *MOMENT 3379 kip-ft*

TORQUE 11 kip-ft
REACTIONS - 123 mph WIND

Section	1	2	3	4	
Length (ft)	40.000	21.000	53.500	53.500	
Number of Sides	18	18	18	18	
Thickness (in)	0.250	0.281	0.375	0.438	
Socket Length (ft)	5.250	5.500	7.250		
Top Dia (in)	28.400	37.659	41.449	53.686	
Bot Dia (in)	39.633	43.556	56.472	68.710	
Grade	A572-65				
Weight (K)	3.6	2.6	10.5	15.4	32.1

CROWN CASTLE
The Pathway to Possible

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

Job: **5800059**			
Project:			
Client: Crown Castle	Drawn by: SHu	App'd:	
Code: TIA-222-H	Date: 01/12/24	Scale: NTS	
Path: C:\SAPI Work Area\5800059\WO 2278086 - SA\Prod\5800059.eri		Dwg No. E-1	

Tower Input Data

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

Tower is located in New Haven County, Connecticut.
Tower base elevation above sea level: 133.000 ft.
Basic wind speed of 123 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 1.000 in.
Ice thickness is considered to increase with height.
Ice density of 56.000 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50.000 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Tower analysis based on target reliabilities in accordance with Annex S.
Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.
Maximum demand-capacity ratio is: 1.05.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

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

Tapered Pole Section Geometry

Section	Elevation 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	150.000-110.000	40.000	5.250	18	28.400	39.633	0.250	1.000	A572-65 (65 ksi)
L2	110.000-94.250	21.000	5.500	18	37.659	43.556	0.281	1.125	A572-65 (65 ksi)
L3	94.250-46.250	53.500	7.250	18	41.449	56.472	0.375	1.500	A572-65 (65 ksi)
L4	46.250-0.000	53.500		18	53.686	68.710	0.438	1.750	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	28.800	22.337	2236.246	9.993	14.427	155.002	4475.435	11.171	4.558	18.234
	40.206	31.250	6123.656	13.981	20.134	304.152	12255.369	15.628	6.535	26.142
L2	39.693	33.366	5889.316	13.269	19.131	307.848	11786.381	16.686	6.133	21.806
	44.185	38.631	9139.882	15.363	22.126	413.075	18291.791	19.319	7.171	25.496
L3	43.599	48.888	10420.184	14.581	21.056	494.878	20854.080	24.449	6.635	17.693
	57.285	66.769	26545.722	19.914	28.688	925.332	53126.374	33.391	9.279	24.744
L4	56.514	73.942	26487.970	18.903	27.273	971.231	53010.794	36.978	8.679	19.837
	69.702	94.805	55829.000	24.237	34.905	1599.470	111731.461	47.411	11.323	25.881

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 150.000-110.000				1	1	1			
L2 110.000-94.250				1	1	1			
L3 94.250-46.250				1	1	1			
L4 46.250-0.000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

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

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 klf

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
LDF5-50A(7/8)	A	No	No	Inside Pole	148.000 - 0.000	2	No Ice	0.000	0.000
							1/2'' Ice	0.000	0.000
							1'' Ice	0.000	0.000
HCS 6X12 4AWG(1-5/8)	A	No	No	Inside Pole	148.000 - 0.000	3	No Ice	0.000	0.002
							1/2'' Ice	0.000	0.002
							1'' Ice	0.000	0.002
MLE HYBRID 9POWER/18FIBER RL 2(1-5/8)	A	No	No	Inside Pole	148.000 - 0.000	1	No Ice	0.000	0.001
							1/2'' Ice	0.000	0.001
							1'' Ice	0.000	0.001
LCF158-50A(1-5/8)	A	No	No	Inside Pole	148.000 - 0.000	8	No Ice	0.000	0.001
							1/2'' Ice	0.000	0.001
							1'' Ice	0.000	0.001
*									
AVA7-50(1-5/8)	C	No	No	Inside Pole	140.000 - 0.000	12	No Ice	0.000	0.001
							1/2'' Ice	0.000	0.001
							1'' Ice	0.000	0.001
PWRT-608-S(13/16'')	C	No	No	Inside Pole	140.000 - 0.000	2	No Ice	0.000	0.001
							1/2'' Ice	0.000	0.001
							1'' Ice	0.000	0.001
RFFT-36SM-001-XXM(3/8)	C	No	No	Inside Pole	140.000 - 0.000	1	No Ice	0.000	0.000
							1/2'' Ice	0.000	0.000
							1'' Ice	0.000	0.000
RFFT-36SM-001-XXM(3/8)	C	No	No	Inside Pole	140.000 - 0.000	2	No Ice	0.000	0.000
							1/2'' Ice	0.000	0.000
							1'' Ice	0.000	0.000
PWRT-606-S(7/8)	C	No	No	Inside Pole	140.000 - 0.000	4	No Ice	0.000	0.001
							1/2'' Ice	0.000	0.001
							1'' Ice	0.000	0.001
2'' Rigid Conduit	C	No	No	Inside Pole	140.000 - 0.000	1	No Ice	0.000	0.003
							1/2'' Ice	0.000	0.003
							1'' Ice	0.000	0.003
*									
AVA7-50(1-5/8)	B	No	No	Inside Pole	130.000 - 0.000	13	No Ice	0.000	0.001
							1/2'' Ice	0.000	0.001
							1'' Ice	0.000	0.001
*									
LDF5-50A(7/8)	C	No	No	Inside Pole	124.000 - 0.000	1	No Ice	0.000	0.000
							1/2'' Ice	0.000	0.000
							1'' Ice	0.000	0.000
7921A(11/32)	C	No	No	Inside Pole	124.000 - 0.000	2	No Ice	0.000	0.001
							1/2'' Ice	0.000	0.001
							1'' Ice	0.000	0.001
*									
LDF5-50A(7/8)	C	No	No	Inside Pole	113.000 - 0.000	3	No Ice	0.000	0.000
							1/2'' Ice	0.000	0.000
							1'' Ice	0.000	0.000
*									
CU12PSM9P6XXX(1-1/2)	B	No	No	Inside Pole	95.000 - 0.000	1	No Ice	0.000	0.002
							1/2'' Ice	0.000	0.002
							1'' Ice	0.000	0.002
*									
*									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	150.000-110.000	A	0.000	0.000	0.000	0.000	0.583
		B	0.000	0.000	0.000	0.000	0.182
		C	0.000	0.000	0.000	0.000	0.510
L2	110.000-94.250	A	0.000	0.000	0.000	0.000	0.241
		B	0.000	0.000	0.000	0.000	0.145
		C	0.000	0.000	0.000	0.000	0.293
L3	94.250-46.250	A	0.000	0.000	0.000	0.000	0.736
		B	0.000	0.000	0.000	0.000	0.550
		C	0.000	0.000	0.000	0.000	0.892
L4	46.250-0.000	A	0.000	0.000	0.000	0.000	0.709
		B	0.000	0.000	0.000	0.000	0.530
		C	0.000	0.000	0.000	0.000	0.860

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	150.000-110.000	A	0.974	0.000	0.000	0.000	0.000	0.583
		B		0.000	0.000	0.000	0.000	0.182
		C		0.000	0.000	0.000	0.000	0.510
L2	110.000-94.250	A	0.952	0.000	0.000	0.000	0.000	0.241
		B		0.000	0.000	0.000	0.000	0.145
		C		0.000	0.000	0.000	0.000	0.293
L3	94.250-46.250	A	0.916	0.000	0.000	0.000	0.000	0.736
		B		0.000	0.000	0.000	0.000	0.550
		C		0.000	0.000	0.000	0.000	0.892
L4	46.250-0.000	A	0.818	0.000	0.000	0.000	0.000	0.709
		B		0.000	0.000	0.000	0.000	0.530
		C		0.000	0.000	0.000	0.000	0.860

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	150.000-110.000	0.000	0.000	0.000	0.000
L2	110.000-94.250	0.000	0.000	0.000	0.000
L3	94.250-46.250	0.000	0.000	0.000	0.000
L4	46.250-0.000	0.000	0.000	0.000	0.000

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
Lightning Rod 5/8'' x 4'	C	None		0.000	152.000
*					
DS4C06F36D-D	A	From Leg	2.000 0.000 11.000	0.000	148.000
Pipe Mount [PM 601-1]	A	From Leg	2.000 0.000 4.000	0.000	148.000
10' x 2'' Mount Pipe	A	From Leg	2.000 0.000 -2.000	0.000	148.000
*					
ERICSSON AIR 21 B2P w/ Mount Pipe	A	From Leg	4.000 0.000 2.000	0.000	148.000
ERICSSON AIR 21 B2P w/ Mount Pipe	B	From Leg	4.000 0.000 2.000	0.000	148.000
ERICSSON AIR 21 B2P w/ Mount Pipe	C	From Leg	4.000 0.000 2.000	0.000	148.000
APXVAARR24_43-U-NA20_T-MOBILE w/ Mount Pipe	A	From Leg	4.000 0.000 2.000	0.000	148.000
APXVAARR24_43-U-NA20_T-MOBILE w/ Mount Pipe	B	From Leg	4.000 0.000 2.000	0.000	148.000
APXVAARR24_43-U-NA20_T-MOBILE w/ Mount Pipe	C	From Leg	4.000 0.000 2.000	0.000	148.000
AIR6449 B41	A	From Leg	4.000 0.000 2.000	0.000	148.000
AIR6449 B41	B	From Leg	4.000 0.000 2.000	0.000	148.000
AIR6449 B41	C	From Leg	4.000 0.000 2.000	0.000	148.000
AIR 32 B2A/B66AA w/ Mount Pipe	A	From Leg	4.000 0.000 2.000	0.000	148.000
AIR 32 B2A/B66AA w/ Mount Pipe	B	From Leg	4.000 0.000 2.000	0.000	148.000
AIR 32 B2A/B66AA w/ Mount Pipe	C	From Leg	4.000 0.000 2.000	0.000	148.000
RRUS 4415 B25	A	From Leg	4.000 0.000 2.000	0.000	148.000
RRUS 4415 B25	B	From Leg	4.000 0.000 2.000	0.000	148.000
RRUS 4415 B25	C	From Leg	4.000 0.000 2.000	0.000	148.000
(2) KRY 112 144/1	A	From Leg	4.000	0.000	148.000

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
			0.000 2.000		
KRY 112 144/1	B	From Leg	4.000 0.000 2.000	0.000	148.000
RADIO 4449 B71 B85A_T-MOBILE	A	From Leg	4.000 0.000 2.000	0.000	148.000
RADIO 4449 B71 B85A_T-MOBILE	B	From Leg	4.000 0.000 2.000	0.000	148.000
RADIO 4449 B71 B85A_T-MOBILE	C	From Leg	4.000 0.000 2.000	0.000	148.000
8' x 2'' Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	148.000
8' x 2'' Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	148.000
8' x 2'' Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	148.000
Platform Mount [LP 303-1_KCKR-HR-1] *	C	None		0.000	148.000
RRUS 32 B2	A	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 32 B2	B	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 32 B2	C	From Leg	4.000 0.000 0.000	0.000	140.000
DC6-48-60-18-8F	A	From Leg	4.000 0.000 0.000	0.000	140.000
(2) TPA65R-BU6D_CCIV2 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	140.000
(2) TPA65R-BU6D_CCIV2 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	140.000
(2) TPA65R-BU6D_CCIV2 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	140.000
AIR 6449 B77D_CCVI2	A	From Leg	4.000 0.000 2.000	0.000	140.000
AIR 6449 B77D_CCVI2	B	From Leg	4.000 0.000 2.000	0.000	140.000
AIR 6449 B77D_CCVI2	C	From Leg	4.000 0.000 2.000	0.000	140.000
AIR 6419 B77G_CCIV3	A	From Leg	4.000 0.000	0.000	140.000

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
AIR 6419 B77G_CCIV3	B	From Leg	-2.000 4.000 0.000	0.000	140.000
AIR 6419 B77G_CCIV3	C	From Leg	-2.000 4.000 0.000	0.000	140.000
OPA65R-BU6D w/ Mount Pipe	A	From Leg	-2.000 4.000 0.000 0.000	0.000	140.000
OPA65R-BU6D w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	140.000
OPA65R-BU6D w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4478 B14_CCIV2	A	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4478 B14_CCIV2	B	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4478 B14_CCIV2	C	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4426 B66	A	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4426 B66	B	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4426 B66	C	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4449 B5/B12	A	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4449 B5/B12	B	From Leg	4.000 0.000 0.000	0.000	140.000
RRUS 4449 B5/B12	C	From Leg	4.000 0.000 0.000	0.000	140.000
DC6-48-60-18-8F	A	From Leg	4.000 0.000 0.000	0.000	140.000
DC6-48-60-18-8F	C	From Leg	4.000 0.000 0.000	0.000	140.000
9' x 2'' Pipe Mount	A	From Leg	4.000 0.000 0.000	0.000	140.000
9' x 2'' Pipe Mount	B	From Leg	4.000 0.000 0.000	0.000	140.000
9' x 2'' Pipe Mount	C	From Leg	4.000 0.000 0.000	0.000	140.000

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
Side Arm Mount [SO 102-3]	C	None		0.000	140.000
Platform Mount [LP 304-1_HR-1]	C	None		0.000	140.000
*					
MT6407-77A w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000
MT6407-77A w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000
MT6407-77A w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000
(2) KA-6030	B	From Leg	4.000 0.000 0.000	0.000	130.000
RVZDC-6627-PF-48	A	From Leg	4.000 0.000 0.000	0.000	130.000
RFV01U-D1A	A	From Leg	4.000 0.000 0.000	0.000	130.000
RFV01U-D1A	B	From Leg	4.000 0.000 0.000	0.000	130.000
RFV01U-D1A	C	From Leg	4.000 0.000 0.000	0.000	130.000
RFV01U-D2A	A	From Leg	4.000 0.000 0.000	0.000	130.000
RFV01U-D2A	B	From Leg	4.000 0.000 0.000	0.000	130.000
RFV01U-D2A	C	From Leg	4.000 0.000 0.000	0.000	130.000
(2) SBNHH-1D65B w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000
(2) SBNHH-1D65B w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000
(2) SBNHH-1D65B w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000
(2) DB846F65ZAXY w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	130.000
(2) DB846F65ZAXY w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	130.000
(2) DB846F65ZAXY w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	130.000
Platform Mount [LP 301-1]	C	None		0.000	130.000
BSAMNT-SBS-1-2	C	None		0.000	130.000
*					

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
800 10251 w/ Mount Pipe	B	From Leg	3.000 0.000 0.000	0.000	124.000
4' x 2'' Pipe Mount	B	From Leg	2.000 0.000 0.000	0.000	124.000
Side Arm Mount [SO 102-3]	C	None		0.000	124.000
Side Arm Mount [SO 701-1]	B	From Leg	1.500 0.000 0.000	0.000	124.000
*					
(3) 800 10252	B	From Leg	3.000 0.000 0.000	0.000	113.000
(3) 6' x 2'' Mount Pipe	B	From Leg	3.000 0.000 0.000	0.000	113.000
T-Arm Mount [TA 601-1]	B	From Leg	2.000 0.000 0.000	0.000	113.000
* *					
MX08FRO665-21 w/ Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	95.000
MX08FRO665-21 w/ Mount Pipe	B	From Leg	4.000 0.000 0.000	0.000	95.000
MX08FRO665-21 w/ Mount Pipe	C	From Leg	4.000 0.000 0.000	0.000	95.000
TA08025-B604	A	From Leg	4.000 0.000 0.000	0.000	95.000
TA08025-B604	B	From Leg	4.000 0.000 0.000	0.000	95.000
TA08025-B604	C	From Leg	4.000 0.000 0.000	0.000	95.000
TA08025-B605	A	From Leg	4.000 0.000 0.000	0.000	95.000
TA08025-B605	B	From Leg	4.000 0.000 0.000	0.000	95.000
TA08025-B605	C	From Leg	4.000 0.000 0.000	0.000	95.000
RDIDC-9181-PF-48	A	From Leg	4.000 0.000 0.000	0.000	95.000
Valmont SNP8HR-396	C	None		0.000	95.000
(2) 8' x 2'' Mount Pipe	A	From Leg	4.000 0.000 0.000	0.000	95.000
(2) 8' x 2'' Mount Pipe	B	From Leg	4.000 0.000	0.000	95.000

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
(2) 8' x 2'' Mount Pipe **	C	From Leg	0.000 4.000 0.000 0.000	0.000	95.000

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral ft Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft²	Weight K
HP2-4.7NS *	B	Paraboloid w/Shroud (HP)	From Leg	2.000 0.000 0.000	-11.000		124.000	2.042	No Ice 1/2'' Ice 1'' Ice	3.274 3.547 3.819	0.027 0.045 0.063

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

Comb. No.	Description
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	150 - 110	Pole	Max Tension	2	0.000	0.000	-0.000
			Max. Compression	26	-30.321	-1.422	1.452
			Max. Mx	8	-17.945	-414.062	0.425
			Max. My	2	-17.955	-0.352	413.634
			Max. Vy	20	-17.765	412.650	0.956
			Max. Vx	14	17.684	-1.281	-412.501
			Max. Torque	12			7.721
L2	110 - 94.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-35.877	-4.861	-0.502
			Max. Mx	8	-22.051	-714.931	-0.862
			Max. My	14	-22.071	-3.503	-707.712
			Max. Vy	20	-20.135	710.816	0.572
			Max. Vx	14	19.734	-3.503	-707.712
			Max. Torque	13			10.020
L3	94.25 - 46.25	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-57.312	-4.861	-0.141
			Max. Mx	8	-39.253	-1830.923	-1.931
			Max. My	14	-39.264	-5.576	-1807.550
			Max. Vy	20	-26.349	1828.406	2.203
			Max. Vx	14	25.972	-5.576	-1807.550
			Max. Torque	13			10.899
L4	46.25 - 0	Pole	Max Tension	1	0.000	0.000	0.000
			Max. Compression	26	-84.419	-4.861	-0.141
			Max. Mx	8	-62.957	-3353.815	-3.240
			Max. My	14	-62.957	-7.859	-3312.319
			Max. Vy	20	-30.591	3353.184	3.973
			Max. Vx	14	30.221	-7.859	-3312.319
			Max. Torque	13			10.892

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	84.419	-0.000	0.000
	Max. H_x	20	62.968	30.568	0.033
	Max. H_z	2	62.968	0.058	30.197
	Max. M_x	2	3311.699	0.058	30.197
	Max. M_z	8	3353.815	-30.532	-0.024
	Max. Torsion	13	10.889	-15.338	-26.453
	Min. Vert	17	47.226	15.014	-25.953
	Min. H_x	8	62.968	-30.532	-0.024
	Min. H_z	14	62.968	-0.042	-30.199
	Min. M_x	14	-3312.319	-0.042	-30.199
	Min. M_z	20	-3353.184	30.568	0.033
	Min. Torsion	25	-10.858	15.363	26.468

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	52.473	0.000	0.000	0.172	-2.046	0.000
1.2 Dead+1.0 Wind 0 deg - No Ice	62.968	-0.058	-30.197	-3311.699	4.793	3.680
0.9 Dead+1.0 Wind 0 deg - No Ice	47.226	-0.058	-30.197	-3289.794	5.408	3.685
1.2 Dead+1.0 Wind 30 deg - No Ice	62.968	15.021	-25.954	-2844.369	-1649.613	-4.437
0.9 Dead+1.0 Wind 30 deg - No Ice	47.226	15.021	-25.954	-2825.555	-1638.018	-4.429
1.2 Dead+1.0 Wind 60 deg - No Ice	62.968	26.144	-15.025	-1646.479	-2869.952	1.782
0.9 Dead+1.0 Wind 60 deg - No Ice	47.226	26.144	-15.025	-1635.614	-2850.273	1.792
1.2 Dead+1.0 Wind 90 deg - No Ice	62.968	30.532	0.024	3.239	-3353.815	7.604
0.9 Dead+1.0 Wind 90 deg - No Ice	47.226	30.532	0.024	3.170	-3330.945	7.612
1.2 Dead+1.0 Wind 120 deg - No Ice	62.968	26.631	15.362	1687.116	-2927.341	-1.928
0.9 Dead+1.0 Wind 120 deg - No Ice	47.226	26.631	15.362	1675.888	-2907.303	-1.924
1.2 Dead+1.0 Wind 150 deg - No Ice	62.968	15.338	26.453	2903.810	-1687.203	-10.888
0.9 Dead+1.0 Wind 150 deg - No Ice	47.226	15.338	26.453	2884.513	-1675.381	-10.889
1.2 Dead+1.0 Wind 180 deg - No Ice	62.968	0.042	30.199	3312.319	-7.858	-3.735
0.9 Dead+1.0 Wind 180 deg - No Ice	47.226	0.042	30.199	3290.305	-7.159	-3.740
1.2 Dead+1.0 Wind 210 deg - No Ice	62.968	-15.014	25.953	2844.716	1643.528	4.464
0.9 Dead+1.0 Wind 210 deg - No Ice	47.226	-15.014	25.953	2825.791	1633.277	4.456
1.2 Dead+1.0 Wind 240 deg - No Ice	62.968	-26.172	15.015	1645.633	2868.387	-1.770
0.9 Dead+1.0 Wind 240 deg - No Ice	47.226	-26.172	15.015	1634.669	2850.014	-1.779
1.2 Dead+1.0 Wind 270 deg -	62.968	-30.568	-0.033	-3.974	3353.184	-7.617

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
No Ice 0.9 Dead+1.0 Wind 270 deg - No Ice	47.226	-30.568	-0.033	-3.994	3331.614	-7.625
1.2 Dead+1.0 Wind 300 deg - No Ice	62.968	-26.664	-15.374	-1688.184	2926.416	1.891
0.9 Dead+1.0 Wind 300 deg - No Ice	47.226	-26.664	-15.374	-1677.055	2907.680	1.887
1.2 Dead+1.0 Wind 330 deg - No Ice	62.968	-15.363	-26.468	-2905.287	1685.399	10.857
0.9 Dead+1.0 Wind 330 deg - No Ice	47.226	-15.363	-26.468	-2886.092	1674.874	10.858
1.2 Dead+1.0 Ice+1.0 Temp	84.419	0.000	-0.000	0.141	-4.861	-0.000
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	84.419	-0.011	-7.621	-809.769	-3.625	0.796
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	84.419	3.797	-6.565	-696.978	-408.461	-0.674
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	84.419	6.599	-3.797	-403.051	-706.385	0.311
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	84.419	7.681	0.005	0.739	-822.085	1.229
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	84.419	6.686	3.857	410.675	-716.691	-0.491
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	84.419	3.854	6.653	707.893	-415.284	-2.068
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	84.419	0.008	7.621	810.102	-6.089	-0.807
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	84.419	-3.796	6.565	697.255	398.164	0.679
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	84.419	-6.605	3.795	403.099	696.964	-0.309
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	84.419	-7.688	-0.006	-0.665	812.847	-1.232
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	84.419	-6.692	-3.860	-410.672	707.396	0.483
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	84.419	-3.859	-6.656	-707.972	405.812	2.062
Dead+Wind 0 deg - Service	52.473	-0.013	-6.771	-739.402	-0.486	0.822
Dead+Wind 30 deg - Service	52.473	3.368	-5.819	-635.044	-369.924	-1.004
Dead+Wind 60 deg - Service	52.473	5.862	-3.369	-367.545	-642.439	0.392
Dead+Wind 90 deg - Service	52.473	6.846	0.005	0.855	-750.491	1.701
Dead+Wind 120 deg - Service	52.473	5.971	3.444	376.876	-655.256	-0.437
Dead+Wind 150 deg - Service	52.473	3.439	5.931	648.573	-378.325	-2.446
Dead+Wind 180 deg - Service	52.473	0.009	6.771	739.798	-3.310	-0.835
Dead+Wind 210 deg - Service	52.473	-3.366	5.819	635.376	365.461	1.010
Dead+Wind 240 deg - Service	52.473	-5.868	3.367	367.614	638.980	-0.389
Dead+Wind 270 deg - Service	52.473	-6.854	-0.007	-0.754	747.241	-1.704
Dead+Wind 300 deg - Service	52.473	-5.978	-3.447	-376.859	651.940	0.429
Dead+Wind 330 deg - Service	52.473	-3.445	-5.934	-648.650	374.805	2.438

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	0.000	-52.473	0.000	0.000	52.473	0.000	0.000%
2	-0.058	-62.968	-30.197	0.058	62.968	30.197	0.000%
3	-0.058	-47.226	-30.197	0.058	47.226	30.197	0.000%
4	15.021	-62.968	-25.954	-15.021	62.968	25.954	0.000%
5	15.021	-47.226	-25.954	-15.021	47.226	25.954	0.000%
6	26.144	-62.968	-15.025	-26.144	62.968	15.025	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
7	26.144	-47.226	-15.025	-26.144	47.226	15.025	0.000%
8	30.532	-62.968	0.024	-30.532	62.968	-0.024	0.000%
9	30.532	-47.226	0.024	-30.532	47.226	-0.024	0.000%
10	26.631	-62.968	15.362	-26.631	62.968	-15.362	0.000%
11	26.631	-47.226	15.362	-26.631	47.226	-15.362	0.000%
12	15.338	-62.968	26.453	-15.338	62.968	-26.453	0.000%
13	15.338	-47.226	26.453	-15.338	47.226	-26.453	0.000%
14	0.042	-62.968	30.199	-0.042	62.968	-30.199	0.000%
15	0.042	-47.226	30.199	-0.042	47.226	-30.199	0.000%
16	-15.014	-62.968	25.953	15.014	62.968	-25.953	0.000%
17	-15.014	-47.226	25.953	15.014	47.226	-25.953	0.000%
18	-26.172	-62.968	15.015	26.172	62.968	-15.015	0.000%
19	-26.172	-47.226	15.015	26.172	47.226	-15.015	0.000%
20	-30.568	-62.968	-0.033	30.568	62.968	0.033	0.000%
21	-30.568	-47.226	-0.033	30.568	47.226	0.033	0.000%
22	-26.664	-62.968	-15.374	26.664	62.968	15.374	0.000%
23	-26.664	-47.226	-15.374	26.664	47.226	15.374	0.000%
24	-15.363	-62.968	-26.468	15.363	62.968	26.468	0.000%
25	-15.363	-47.226	-26.468	15.363	47.226	26.468	0.000%
26	0.000	-84.419	0.000	-0.000	84.419	0.000	0.000%
27	-0.011	-84.419	-7.621	0.011	84.419	7.621	0.000%
28	3.797	-84.419	-6.565	-3.797	84.419	6.565	0.000%
29	6.599	-84.419	-3.797	-6.599	84.419	3.797	0.000%
30	7.681	-84.419	0.005	-7.681	84.419	-0.005	0.000%
31	6.686	-84.419	3.857	-6.686	84.419	-3.857	0.000%
32	3.854	-84.419	6.653	-3.854	84.419	-6.653	0.000%
33	0.008	-84.419	7.621	-0.008	84.419	-7.621	0.000%
34	-3.796	-84.419	6.565	3.796	84.419	-6.565	0.000%
35	-6.605	-84.419	3.795	6.605	84.419	-3.795	0.000%
36	-7.688	-84.419	-0.006	7.688	84.419	0.006	0.000%
37	-6.692	-84.419	-3.860	6.692	84.419	3.860	0.000%
38	-3.859	-84.419	-6.656	3.859	84.419	6.656	0.000%
39	-0.013	-52.473	-6.771	0.013	52.473	6.771	0.000%
40	3.368	-52.473	-5.819	-3.368	52.473	5.819	0.000%
41	5.862	-52.473	-3.369	-5.862	52.473	3.369	0.000%
42	6.846	-52.473	0.005	-6.846	52.473	-0.005	0.000%
43	5.971	-52.473	3.444	-5.971	52.473	-3.444	0.000%
44	3.439	-52.473	5.931	-3.439	52.473	-5.931	0.000%
45	0.009	-52.473	6.771	-0.009	52.473	-6.771	0.000%
46	-3.366	-52.473	5.819	3.366	52.473	-5.819	0.000%
47	-5.868	-52.473	3.367	5.868	52.473	-3.367	0.000%
48	-6.854	-52.473	-0.007	6.854	52.473	0.007	0.000%
49	-5.978	-52.473	-3.447	5.978	52.473	3.447	0.000%
50	-3.445	-52.473	-5.934	3.445	52.473	5.934	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00071461
3	Yes	4	0.00000001	0.00048179
4	Yes	5	0.00000001	0.00009899
5	Yes	5	0.00000001	0.00004811
6	Yes	5	0.00000001	0.00010547
7	Yes	5	0.00000001	0.00005128
8	Yes	5	0.00000001	0.00005092
9	Yes	5	0.00000001	0.00002565

10	Yes	5	0.00000001	0.00011036
11	Yes	5	0.00000001	0.00005347
12	Yes	5	0.00000001	0.00016491
13	Yes	5	0.00000001	0.00008166
14	Yes	4	0.00000001	0.00075482
15	Yes	4	0.00000001	0.00050892
16	Yes	5	0.00000001	0.00012713
17	Yes	5	0.00000001	0.00006264
18	Yes	5	0.00000001	0.00011603
19	Yes	5	0.00000001	0.00005684
20	Yes	5	0.00000001	0.00005035
21	Yes	5	0.00000001	0.00002538
22	Yes	5	0.00000001	0.00012270
23	Yes	5	0.00000001	0.00005988
24	Yes	5	0.00000001	0.00010290
25	Yes	5	0.00000001	0.00005037
26	Yes	4	0.00000001	0.00000963
27	Yes	5	0.00000001	0.00006087
28	Yes	5	0.00000001	0.00006499
29	Yes	5	0.00000001	0.00006540
30	Yes	5	0.00000001	0.00006228
31	Yes	5	0.00000001	0.00006642
32	Yes	5	0.00000001	0.00006725
33	Yes	5	0.00000001	0.00006083
34	Yes	5	0.00000001	0.00006403
35	Yes	5	0.00000001	0.00006399
36	Yes	5	0.00000001	0.00006078
37	Yes	5	0.00000001	0.00006519
38	Yes	5	0.00000001	0.00006542
39	Yes	4	0.00000001	0.00004276
40	Yes	4	0.00000001	0.00006202
41	Yes	4	0.00000001	0.00005471
42	Yes	4	0.00000001	0.00007990
43	Yes	4	0.00000001	0.00005708
44	Yes	4	0.00000001	0.00014096
45	Yes	4	0.00000001	0.00004353
46	Yes	4	0.00000001	0.00008347
47	Yes	4	0.00000001	0.00006387
48	Yes	4	0.00000001	0.00007902
49	Yes	4	0.00000001	0.00006812
50	Yes	4	0.00000001	0.00010592

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 110	9.774	43	0.570	0.009
L2	115.25 - 94.25	5.813	43	0.489	0.005
L3	99.75 - 46.25	4.319	43	0.421	0.004
L4	53.5 - 0	1.208	43	0.208	0.001

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
152.000	Lightning Rod 5/8'' x 4'	43	9.774	0.570	0.009	90133
148.000	DS4C06F36D-D	43	9.536	0.567	0.009	90133
140.000	RRUS 32 B2	43	8.586	0.553	0.008	45067
130.000	MT6407-77A w/ Mount Pipe	43	7.423	0.532	0.007	22533
124.000	HP2-4.7NS	43	6.750	0.517	0.006	17333
113.000	(3) 800 10252	43	5.583	0.480	0.005	13185
95.000	MX08FRO665-21 w/ Mount Pipe	43	3.904	0.399	0.003	13342

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	150 - 110	43.649	10	2.547	0.041
L2	115.25 - 94.25	25.967	10	2.180	0.023
L3	99.75 - 46.25	19.300	10	1.880	0.016
L4	53.5 - 0	5.401	10	0.929	0.005

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
152.000	Lightning Rod 5/8'' x 4'	10	43.649	2.547	0.041	20342
148.000	DS4C06F36D-D	10	42.584	2.532	0.040	20342
140.000	RRUS 32 B2	10	38.343	2.469	0.036	10171
130.000	MT6407-77A w/ Mount Pipe	10	33.154	2.376	0.030	5084
124.000	HP2-4.7NS	10	30.147	2.307	0.027	3910
113.000	(3) 800 10252	10	24.939	2.142	0.022	2968
95.000	MX08FRO665-21 w/ Mount Pipe	10	17.446	1.781	0.014	3008

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	150 - 110 (1)	TP39.633x28.4x0.25	40.000	0.000	0.0	30.080	-17.943	1759.710	0.010
L2	110 - 94.25 (2)	TP43.556x37.659x0.281	21.000	0.000	0.0	37.252	-22.040	2179.240	0.010
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	53.500	0.000	0.0	64.346	-39.246	3764.260	0.010
L4	46.25 - 0 (4)	TP68.71x53.686x0.438	53.500	0.000	0.0	94.805	-62.957	5546.090	0.011

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	150 - 110 (1)	TP39.633x28.4x0.25	414.202	1496.850	0.277	0.000	1496.850	0.000
L2	110 - 94.25 (2)	TP43.556x37.659x0.281	718.429	2059.733	0.349	0.000	2059.733	0.000
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	1844.350	4664.408	0.395	0.000	4664.408	0.000
L4	46.25 - 0 (4)	TP68.71x53.686x0.438	3378.708	8388.250	0.403	0.000	8388.250	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	150 - 110 (1)	TP39.633x28.4x0.25	17.784	527.913	0.034	7.689	1752.592	0.004
L2	110 - 94.25 (2)	TP43.556x37.659x0.281	20.312	653.773	0.031	1.722	2389.225	0.001
L3	94.25 - 46.25 (3)	TP56.472x41.449x0.375	26.530	1129.280	0.023	1.929	5346.458	0.000
L4	46.25 - 0 (4)	TP68.71x53.686x0.438	30.767	1663.830	0.018	1.928	9947.917	0.000

Pole Interaction Design Data

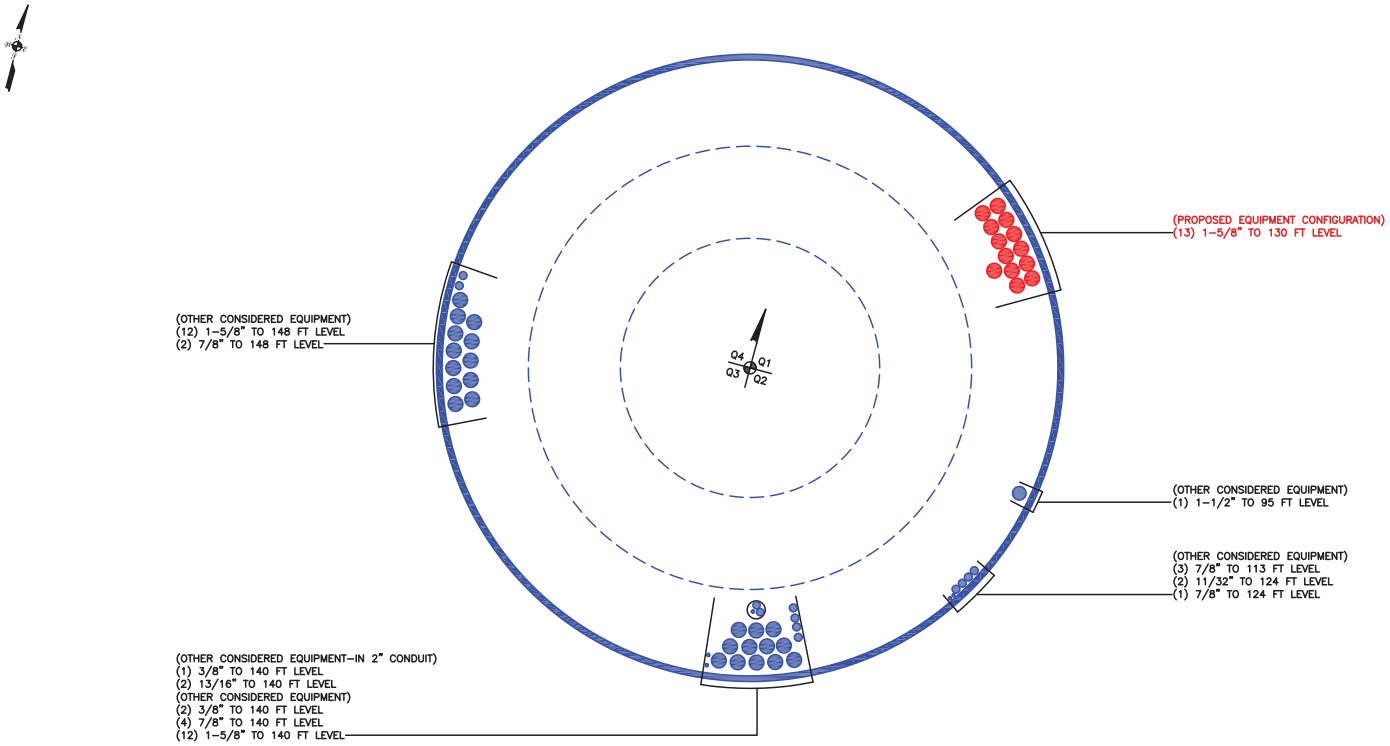
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	150 - 110 (1)	0.010	0.277	0.000	0.034	0.004	0.288	1.050	
L2	110 - 94.25 (2)	0.010	0.349	0.000	0.031	0.001	0.360	1.050	
L3	94.25 - 46.25 (3)	0.010	0.395	0.000	0.023	0.000	0.406	1.050	
L4	46.25 - 0 (4)	0.011	0.403	0.000	0.018	0.000	0.414	1.050	

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	150 - 110	Pole	TP39.633x28.4x0.25	1	-17.943	1847.695	27.5	Pass
L2	110 - 94.25	Pole	TP43.556x37.659x0.281	2	-22.040	2288.202	34.3	Pass
L3	94.25 - 46.25	Pole	TP56.472x41.449x0.375	3	-39.246	3952.473	38.7	Pass
L4	46.25 - 0	Pole	TP68.71x53.686x0.438	4	-62.957	5823.394	39.5	Pass
							Summary	
						Pole (L4)	39.5	Pass
						RATING =	**39.5**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(PROPOSED EQUIPMENT CONFIGURATION)
(13) 1-5/8" TO 130 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(12) 1-5/8" TO 148 FT LEVEL
(2) 7/8" TO 148 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 95 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(3) 7/8" TO 113 FT LEVEL
(2) 11/32" TO 124 FT LEVEL
(1) 7/8" TO 124 FT LEVEL
(OTHER CONSIDERED EQUIPMENT-IN 2" CONDUIT)
(1) 3/8" TO 140 FT LEVEL
(2) 13/16" TO 140 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(2) 3/8" TO 140 FT LEVEL
(4) 7/8" TO 140 FT LEVEL
(12) 1-5/8" TO 140 FT LEVEL
Q1
Q2
Q3
Q4

APPENDIX C

ADDITIONAL CALCULATIONS

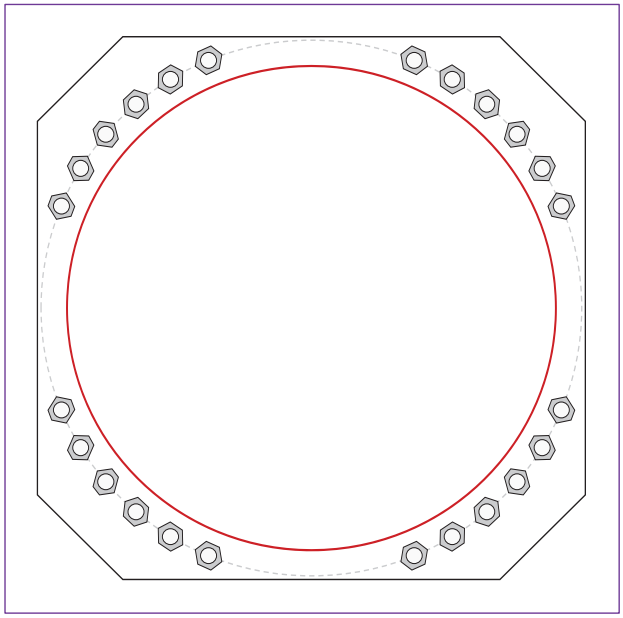
Monopole Base Plate Connection

Site Info	
BU #	5800059
Site Name	Ridge Road, Madison, CT
Order #	656561 REV. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2.25

Applied Loads	
Moment (kip-ft)	3378.71
Axial Force (kips)	62.96
Shear Force (kips)	30.77

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

(24) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 76" BC

Anchor Spacing: 6 in

Base Plate Data

77" W x 3" Plate (A572-50; Fy=50 ksi, Fu=65 ksi); Clip: 12 in

Stiffener Data

N/A

Pole Data

68.71" x 0.4375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

Pu_t = 86.26	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.28	ϕVn = 149.1	**33.7%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	13.54	(Flexural)
Allowable Stress (ksi):	45	
Stress Rating:	**28.7%**	**Pass**

Drilled Pier Foundation

BU # :	5800059
Site Name:	Ridge Road, Madison, CT
Order Number:	656561 REV. 0
TIA-222 Revison:	H
Tower Type:	Monopole

Check Limitation	
Apply TIA-222-H Section 15.5:	☑
N/A	☐
Design Options	
Input Effective Depths (else Actual):	☐
Consider non-tapered moment capacity:	☐
Check Shear along Depth of Pier:	☑
Utilize Shear-Friction Methodology:	☐
Override Critical Depth:	☐

Go to Soil Calculations

Applied Loads	Comp.	Uplift
Moment (kip-ft)	3378.71	
Axial Force (kips)	62.97	
Shear Force (kips)	30.74	

Material Properties		
Concrete Strength, f'c:	4	ksi
Rebar Strength, Fy:	60	ksi
Tie Yield Strength, Fyt:	40	ksi

Pier Design Data		
Depth	39	ft
Ext. Above Grade	0.5	ft
Pier Section 1		
From 0.5' above grade to 39' below grade		
Pier Diameter	8	ft
Rebar Quantity	28	
Rebar Size	11	
Clear Cover to Ties	3	in
Tie Size	5	
Tie Spacing	12	in

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	9.88	-
Soil Safety Factor	7.01	-
Max Moment (kip-ft)	3649.99	-
Rating*	*18.1%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	688.42	-
End Bearing (kips)	317.36	-
Weight of Concrete (kips)	236.89	-
Total Capacity (kips)	1005.77	-
Axial (kips)	299.86	-
Rating*	*28.4%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	9.46	-
Critical Moment (kip-ft)	3649.38	-
Critical Moment Capacity	8318.94	-
Rating*	*41.8%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	28.44	-
Critical Shear (kip)	265.26	-
Critical Shear Capacity	786.20	-
Rating*	*32.1%*	-

Structural Foundation Rating*	**41.8%**
Soil Interaction Rating*	**28.4%**

*Rating per TIA-222-H Section 15.5

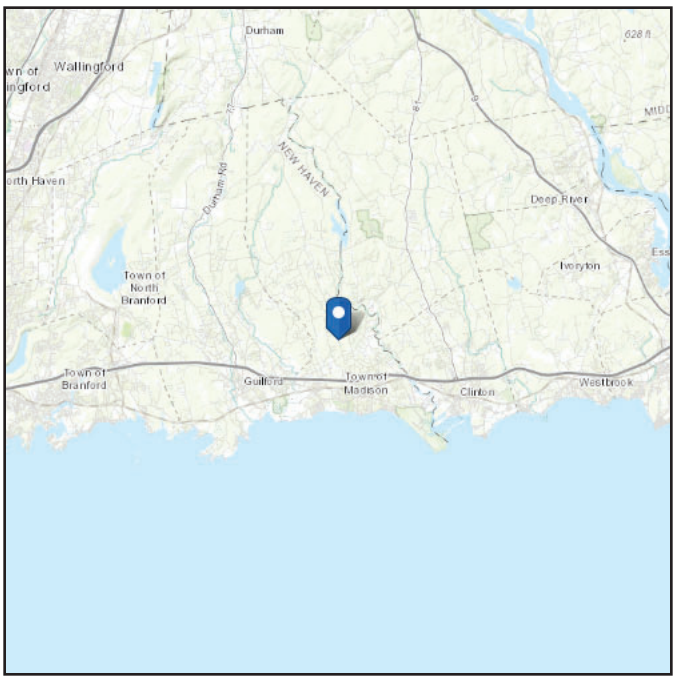
Soil Profile			
Groundwater Depth	7	# of Layers	5

Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Net Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	4	4	100	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	4	7	3	100	150	0.1	22	0.181	0.181					Silty
3	7	12	5	37.6	87.6	0.1	22	0.257	0.257					Silty
4	12	20	8	42.6	87.6	0.4	27	1.016	1.016				70	Cohesionless
5	20	39	19	62.6	87.6	0.2	31	1.398	1.398			6	85	Cohesionless

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.30925
Risk Category:	II	**Longitude:**	-72.614325
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	0 ft (NAVD 88)



Wind

Results:

Wind Speed	123 Vmph
10-year MRI	75 Vmph
25-year MRI	85 Vmph
50-year MRI	94 Vmph
100-year MRI	100 Vmph

Data Source:	ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed:	Mon Mar 06 2023

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

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

ASCE
AMERICAN SOCIETY OF CIVIL ENGINEERS

Seismic

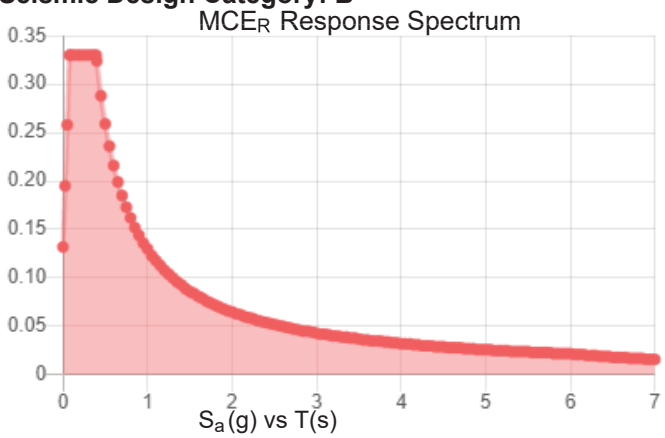
D - Default (see Section 11.4.3)

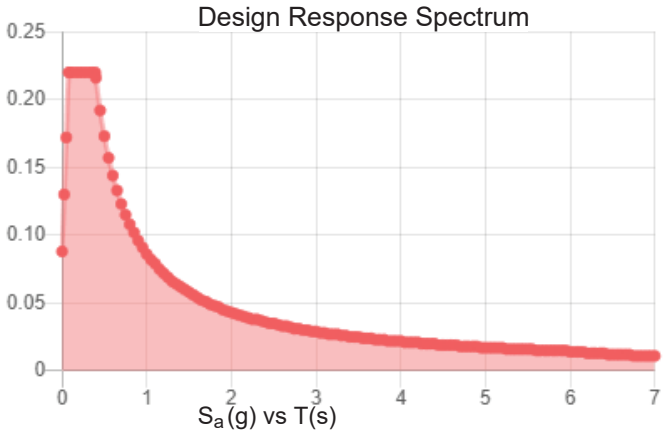
Site Soil Class:

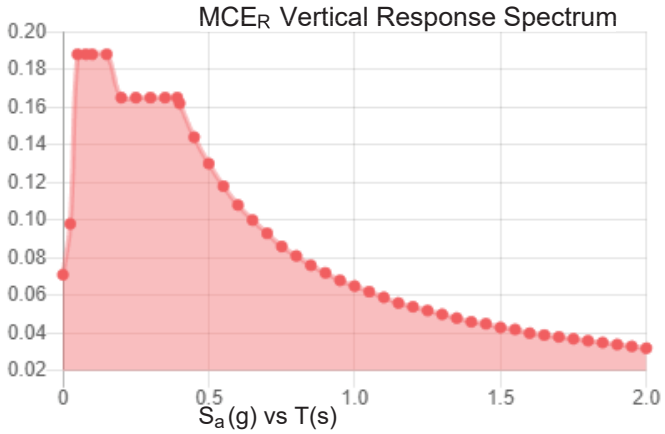
Results:

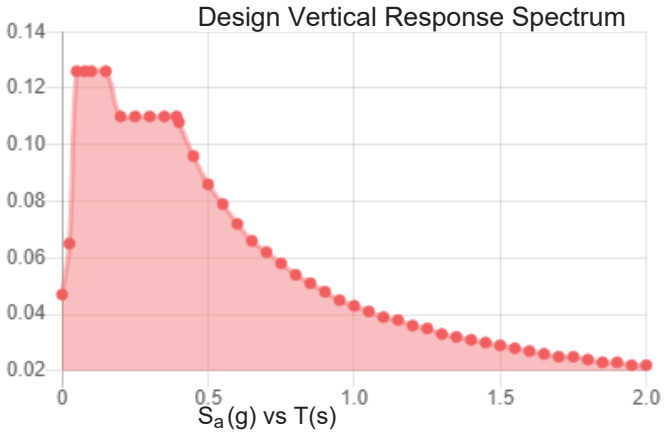
S_S :	0.206	S_{D1} :	0.086
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.116
F_v :	2.4	PGA_M :	0.181
S_{MS} :	0.33	F_{PGA} :	1.569
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.22	C_v :	0.713

Seismic Design Category: B









Data Accessed: **Mon Mar 06 2023**

Date Source:

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

Ice

Results:

Ice Thickness:	1.00 in.
Concurrent Temperature:	15 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Mon Mar 06 2023

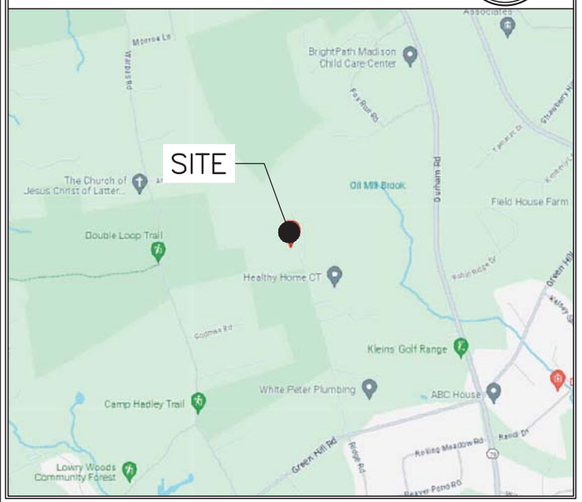
Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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

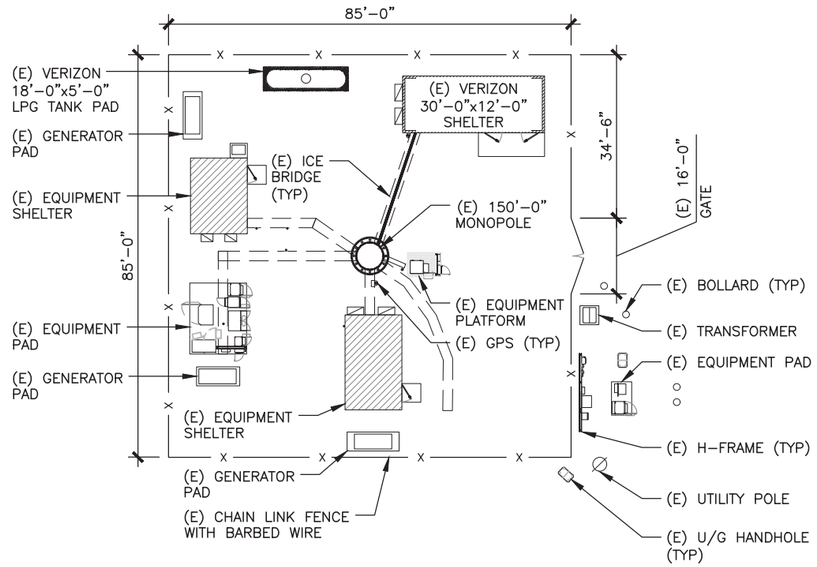
NOTE:
AN ANALYSIS OF THE CAPACITY OF THE STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY CROWN CASTLE DATED JANUARY 16, 2024.

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

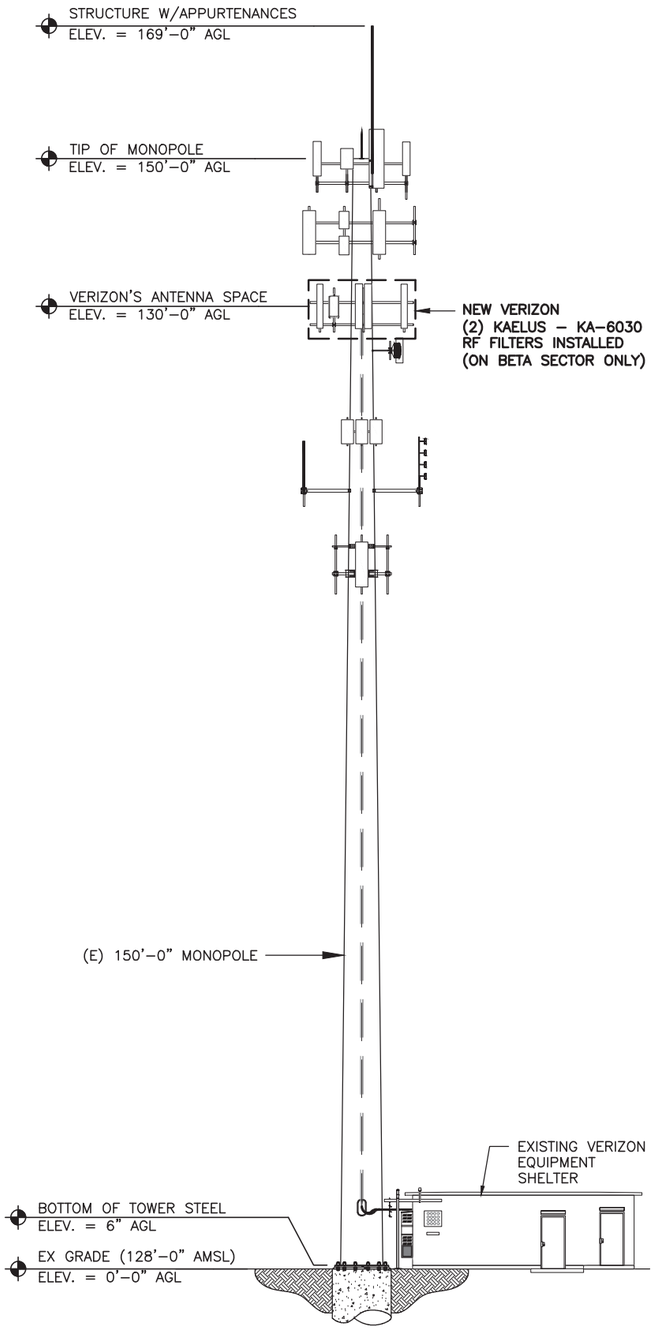
LOCATION MAP
N.T.S



APPROXIMATE COORDINATES:	LATITUDE:	41° 18' 33.30" N	41.309250° N
	LONGITUDE:	72° 36' 51.60" W	72.614325° W



2 SITE PLAN
SCALE: 0' 16' 32' 64' 96'



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

MADISON 3 CT

258 RIDGE ROAD
MADISON, CT 06433

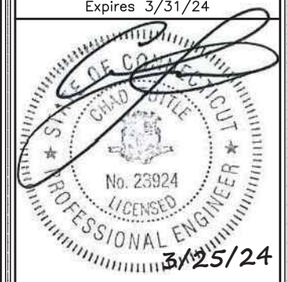
EXISTING MONOPOLE

PROJECT NO:	87323.009.01
CHECKED BY:	LR

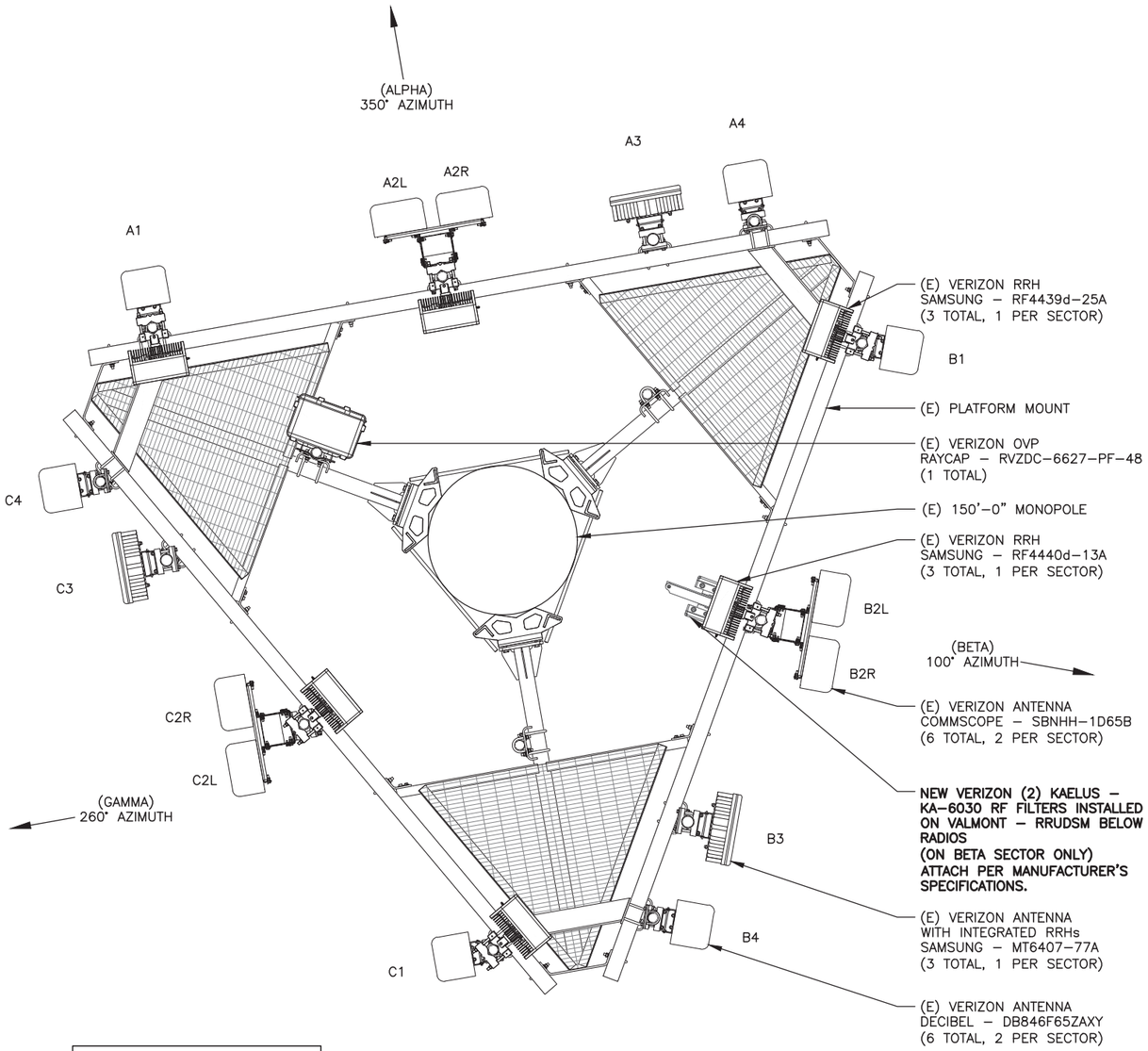
ISSUED FOR:

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

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



SHEET NUMBER:	REVISION:
LE-1	0



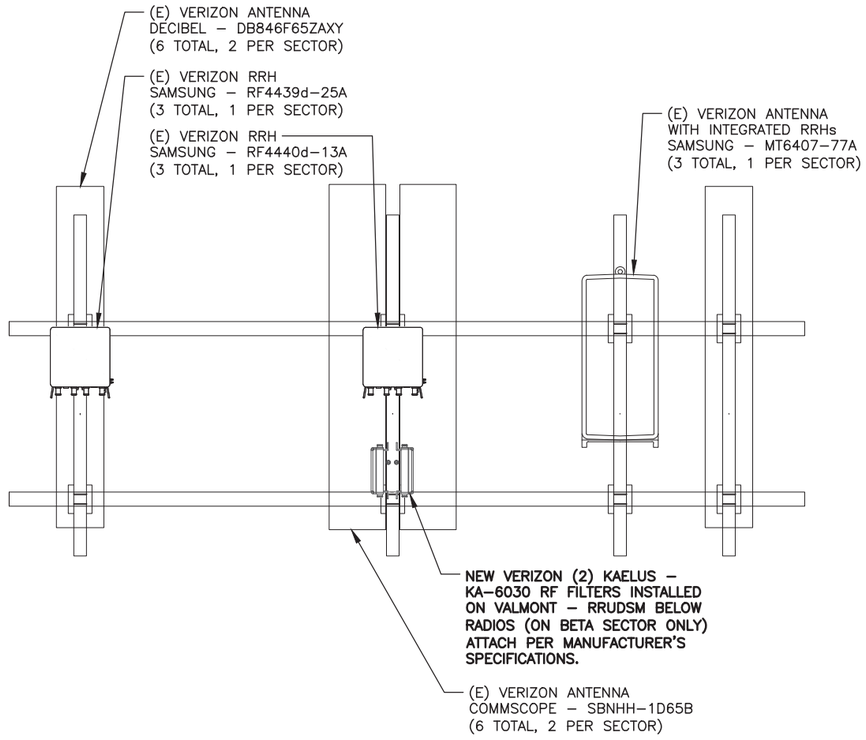
NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

1 NEW RF FILTER PLAN

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

N



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

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

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

MADISON 3 CT

258 RIDGE ROAD
MADISON, CT 06433

EXISTING MONOPOLE

PROJECT NO:	87323.009.01
CHECKED BY:	LR

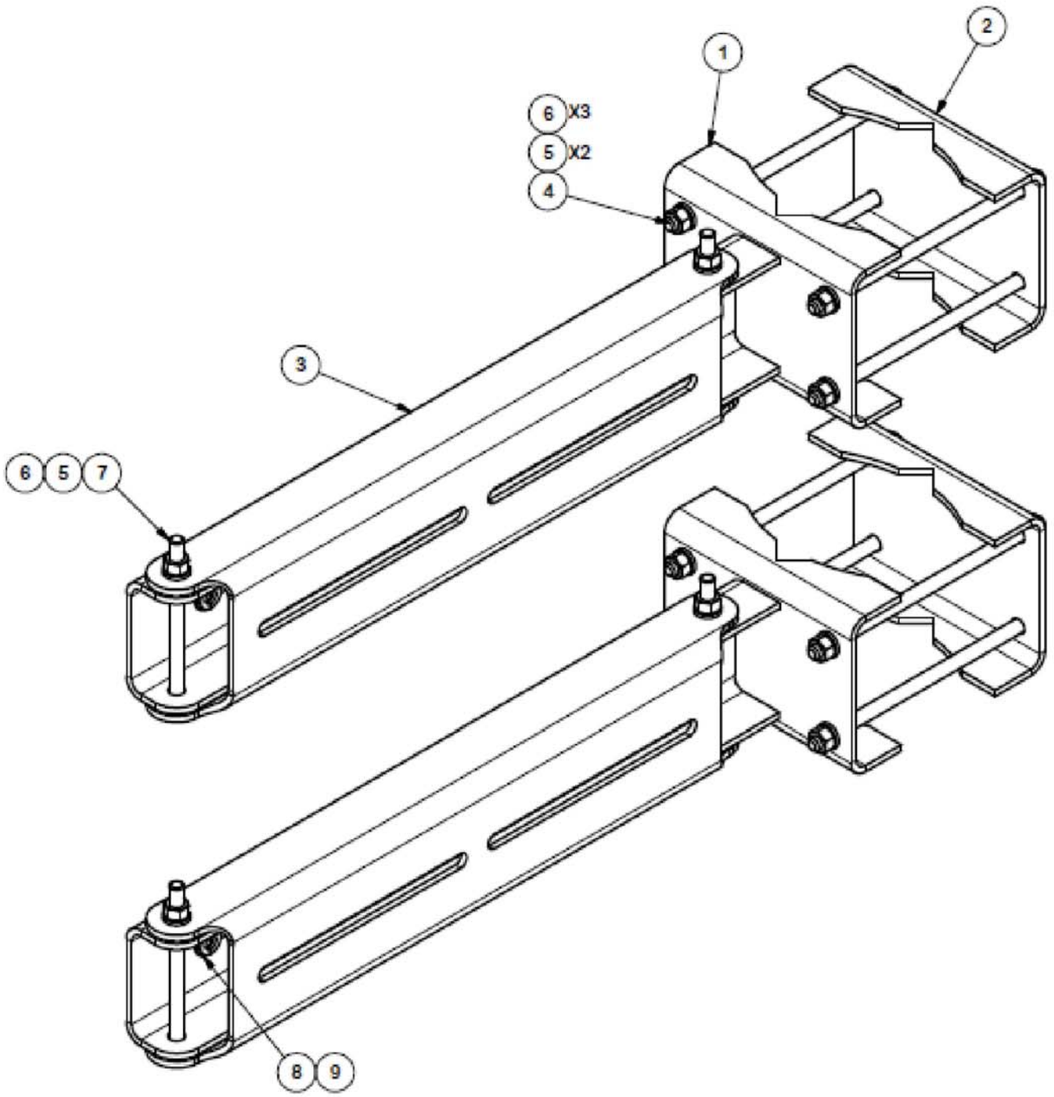
ISSUED FOR:

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

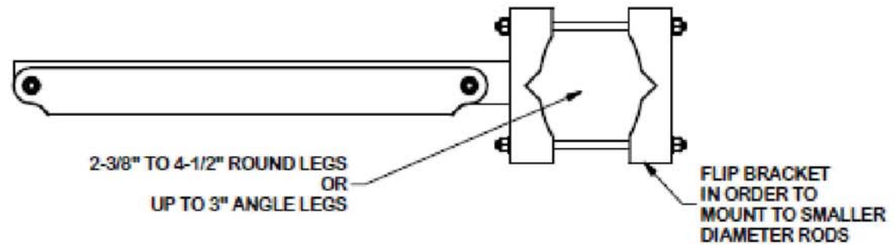
MTS ENGINEERING P.L.L.C.
BER:2386985
Expires 3/31/24

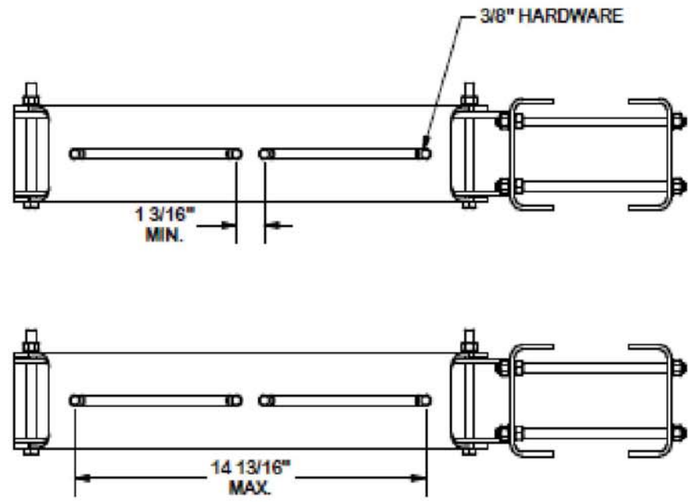
STATE OF CONNECTICUT
CHAD TYLER
No. 23924
LICENSED
PROFESSIONAL ENGINEER
3/25/24

SHEET NUMBER:	REVISION:
LE-2	0



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





TOLERANCE NOTES

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

DESCRIPTION: RRU DUAL SWIVEL MOUNT

SITE PRO 1 — A valmont COMPANY

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

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

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

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

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

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

2949900

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

Robert A. Ellis VP and Controller
Assistant Secretary

VOID AFTER 180 DAYS

⑈2949900⑈ ⑆111000614⑆ 10341045 3⑈

Check No 2949900
Check Date 04/01/24

Stub 1 of 1

CKRQ 656561 ZN APP	03/27/24	Invoice Summ	625.00		625.00
			625.00		625.00