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 #806354
21 Berkshire Road, Newtown, CT 06482
Latitude: 41° 42′ 45.53″ / Longitude: -73° 16′ 12.34″

Dear Ms. Bachman:

Verizon Wireless currently maintains eighteen (18) antennas at the 187-foot mount on the existing 185-foot monopole tower located at 21 Berkshire Road, Newtown, CT. The property is owned by Carmine V. Renzulli and the tower is owned by Crown Castle. Verizon now intends to add four (4) interference mitigation filters at the 187-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:
(4) Kaelus BSF0020F3V1- Interference Mitigation Filters

The facility was approved by the Connecticut Siting Council, Docket No. 89, on March 3, 1988. 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 Selectman A. Jeffrey Capeci on behalf of the municipality and to Rob Sibley, Planning Director. Notice is also being sent to Carmine V. Renzulli as property owner. 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 Selectman A. Jeffrey Capeci
Town of Newtown
3 Primrose Street
Newtown, CT 06470
203-270-4201

Rob Sibley, Planning Director
Town of Newtown
3 Primrose Street
Newtown, CT 06470
203-270-4276

Carmine V. Renzulli, Propety Owner
505 Westport Avenue
Norwalk, CT 06851
203-847-7995

Crown Castle, Tower Owner

DOCKET NO. 89 - An application of Metro Mobile CTS of Fairfield County, Inc., for a Certificate of Environmental Compatibility and Public Need for cellular telephone antennas and associated equipment in the Town of Newtown, Connecticut	:	CONNECTICUT SITING COUNCIL
	:	March 3, 1988

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

Pursuant to the forgoing opinion, the Connecticut Siting Council hereby directs that a Certificate of Environmental Compatibility and Public Need, as provided by Section 16-50k of the General Statutes of Connecticut (CGS) be issued to Metro Mobile CTS of Fairfield County, Inc., for the construction, operation, and maintenance of a cellular telephone tower site and associated equipment at the "LM/A-Newtown" alternative site off of Route 34 in the Town of Newtown, Connecticut.

The "LM-Newtown" site off of Commerce Road is hereby denied.

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

1. The monopole tower at the Newtown site shall be no taller than necessary to provide the proposed service, and in no event shall exceed a total height of 193 feet, including antennas and associated equipment.

2. The facility shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations.

3. Unless necessary to comply with condition number 2, above, no lights shall be installed on this tower.

4. The Certificate Holder shall prepare a development and management (D&M) plan for the Newtown site in compliance with sections 16-50j-75 through 16-50j-77 of the Regulations of State Agencies. The D&M plan shall provide for permanent evergreen screening around the outside perimeter of the eight-foot chain link fence which will surround the site.

5. The Certificate Holder or its successor shall notify the Council if and when directional antennas or any equipment other than that listed in this application is added to this facility.

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

7. If this facility does not provide, or permanently ceases to provide, cellular service following completion of construction, this Decision and Order shall be void, and the tower and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council before any such new use is made.

8. The Certificate Holder shall comply with any future radio frequency (RF) standards promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in the Decision and Order shall be brought into compliance with such standards.

9. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the the issuance of this Decision and Order.

Pursuant to CGS Section 16-50p, we hereby direct that a copy of this Decision and Order be served on each person listed below. A notice of the issuance shall be published in the Danbury News-Times and Newtown Bee.

By this Decison 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 State Agencies.

The parties or intervenors to this proceeding are:

Metro Mobile CTS of Fairfield County, Inc. (applicant)
50 Rockland Road
South Norwalk, CT 06854
ATTN: Peter Kelley
Vice President

Howard L. Slater, Esq. (its representative)
Jennifer Young Gaudet, Esq.
Byrne, Slater, Sandler, Shulman & Rouse, P.C.
330 Main Street
P.O. Box 3216
Hartford, CT 06103

Fleishman and Walsh, P.C. (party)
1725 N Street, N.W.
Washington, D.C. 20036
ATTN: Richard Rubin, Esq.

Theodore G. Whippie (party)
Chairman
Planning & Zoning Comm.
Edmond Town Hall
45 Main Street
Newtown, CT 06470

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket 89 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 3rd day of March, 1988.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Yes
Commissioner Peter Boucher Designee: Roland Miller	Yes
Commissioner Leslie Carothers Designee: Brian Emerick	Yes
Owen L. Clark	Absent
Fred J. Dorcy	Yes
Mortimer A. Gelston	Yes
James G. Horsfall	Yes
William H. Smith	Yes
Colin C. Tait	Absent

1058E-2

Town of Newtown, CT

Property Listing Report

Map Block Lot	38-10-3-C	Building #	1	PID	15220	Account	00428200C

Property Information

Property Location	21 BERKSHIRE ROAD
Owner	RENZULLI CARMINE V
Co-Owner	na
Mailing Address	505 WESTPORT AVE LT 31 NORWALK CT 06851
Land Use	4310 CELL SITE
Land Class	I
Zoning Code	B-3
Census Tract	

Neighborhood	0
Acreage	1
Utilities	Well,Septic
Lot Setting/Desc	NA NA
Book / Page	0306/0377
Additional Info	

Photo

Sketch

No Photo Available

Primary Construction Details

Year Built	0
Building Desc.	CELL SITE
Building Style	NA
Building Grade	
Stories	0
Occupancy	
Exterior Walls	
Exterior Walls 2	NA
Roof Style	
Roof Cover	
Interior Walls	
Interior Walls 2	NA
Interior Floors 1	
Interior Floors 2	NA

Heating Fuel	
Heating Type	
AC %	
Bedrooms	0
Full Bathrooms	0
Half Bathrooms	0
Extra Fixtures	0
Total Rooms	0
Bath Style	NA
Kitchen Style	NA
Fin Bsmt Area	
Fin Bsmt Quality	
Bsmt Gar	
Fireplaces	0

(*Industrial / Commercial Details)

Building Use	Vacant
Building Condition	
Sprinkler %	NA
Heat / AC	NA
Frame Type	NA
Baths / Plumbing	NA
Ceiling / Wall	NA
Rooms / Prtns	NA
Wall Height	NA
First Floor Use	NA
Foundation	NA

Report Created On 4/4/2024

Town of Newtown, CT

Property Listing Report | Map Block Lot 38-10-3-C | Building # 1 | PID 15220 | Account 00428200C

Valuation Summary (Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	0	0
Extras	0	0
Improvements		
Outbuildings	162250	113570
Land	384000	268800
Total	546250	382370

Outbuilding and Extra Features

Type	Description
Cell Tower	1.00 Units
Cellular Shed	400.00 S.F.
Cellular Shed	224.00 S.F.
Fence	300.00 L.F.
Cellular Shed	405.00 S.F.

Sub Areas

Subarea Type	Gross Area (sq ft)	Living Area (sq ft)
Total Area	0	0

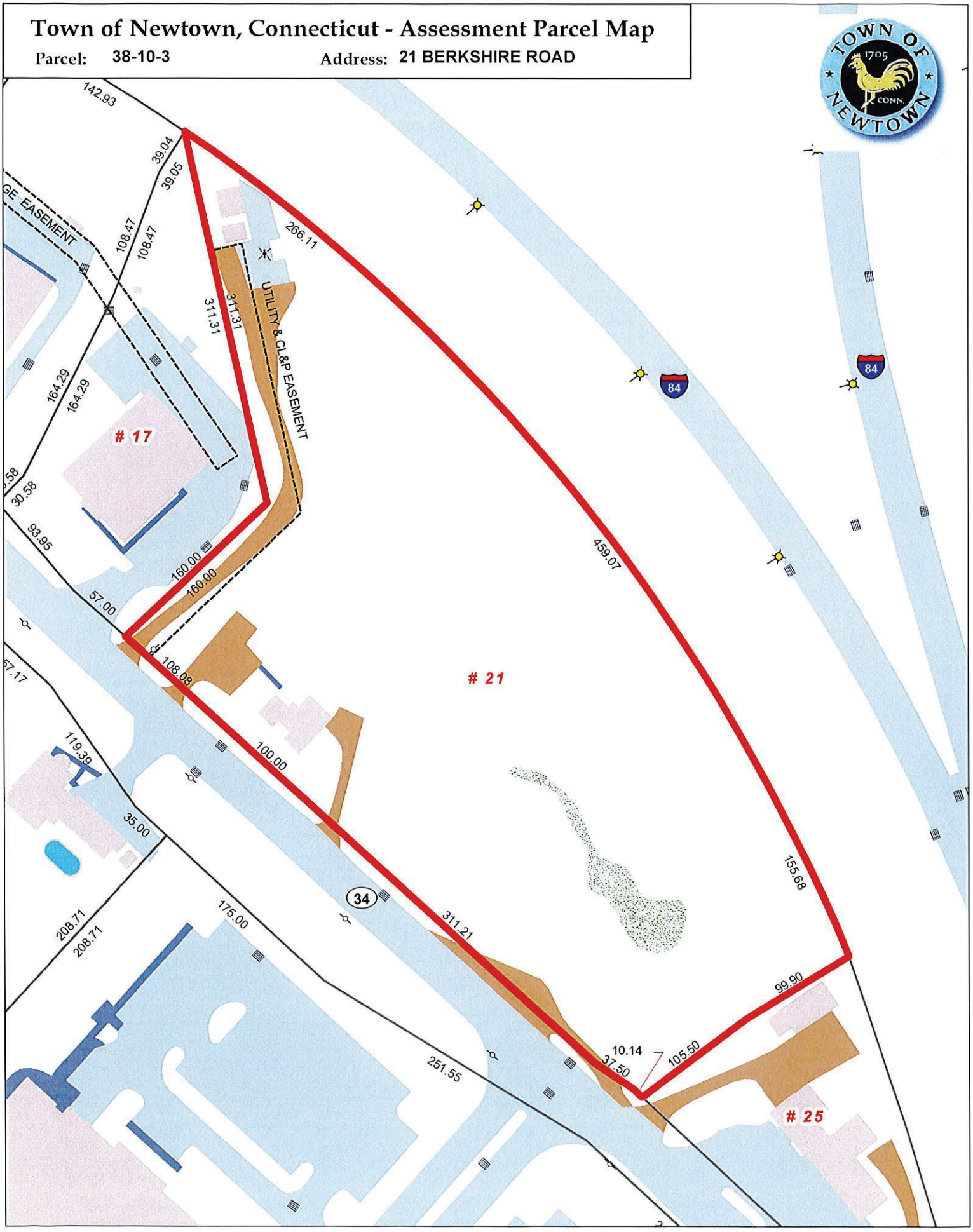
Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
RENZULLI CARMINE V	0306/0377	08/18/1982	0

Report Created On 4/4/2024

Town of Newtown, Connecticut - Assessment Parcel Map

Parcel: 38-10-3 **Address:** 21 BERKSHIRE ROAD



Approximate Scale:

0 25 50 75 100 Feet

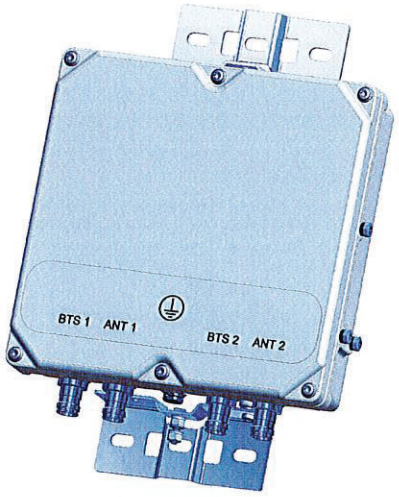
Disclaimer: This map is for informational purposes only. All information is subject to verification by any user. The Town of Newtown and its mapping contractors assume no legal responsibility for the information contained herein.

Map Produced Nov 2020

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

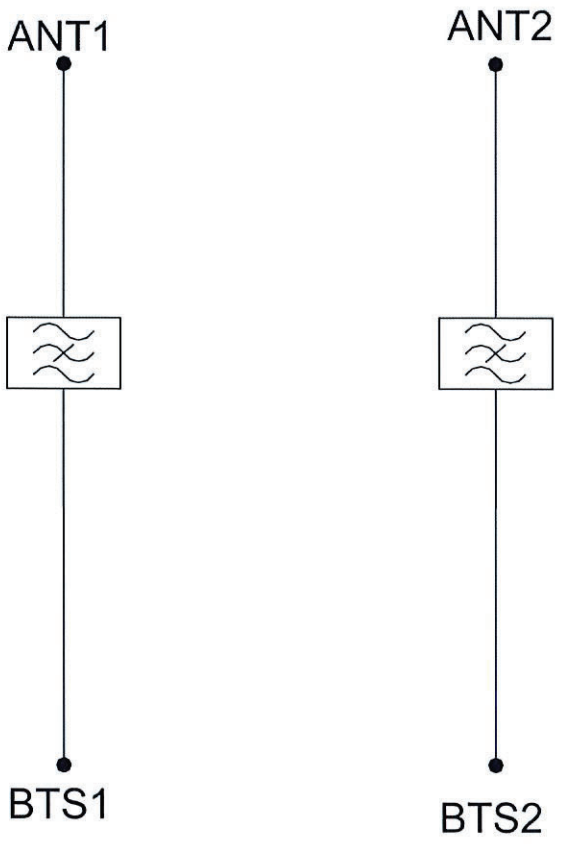
MECHANICAL	
Dimensions H x D x W	269 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter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

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

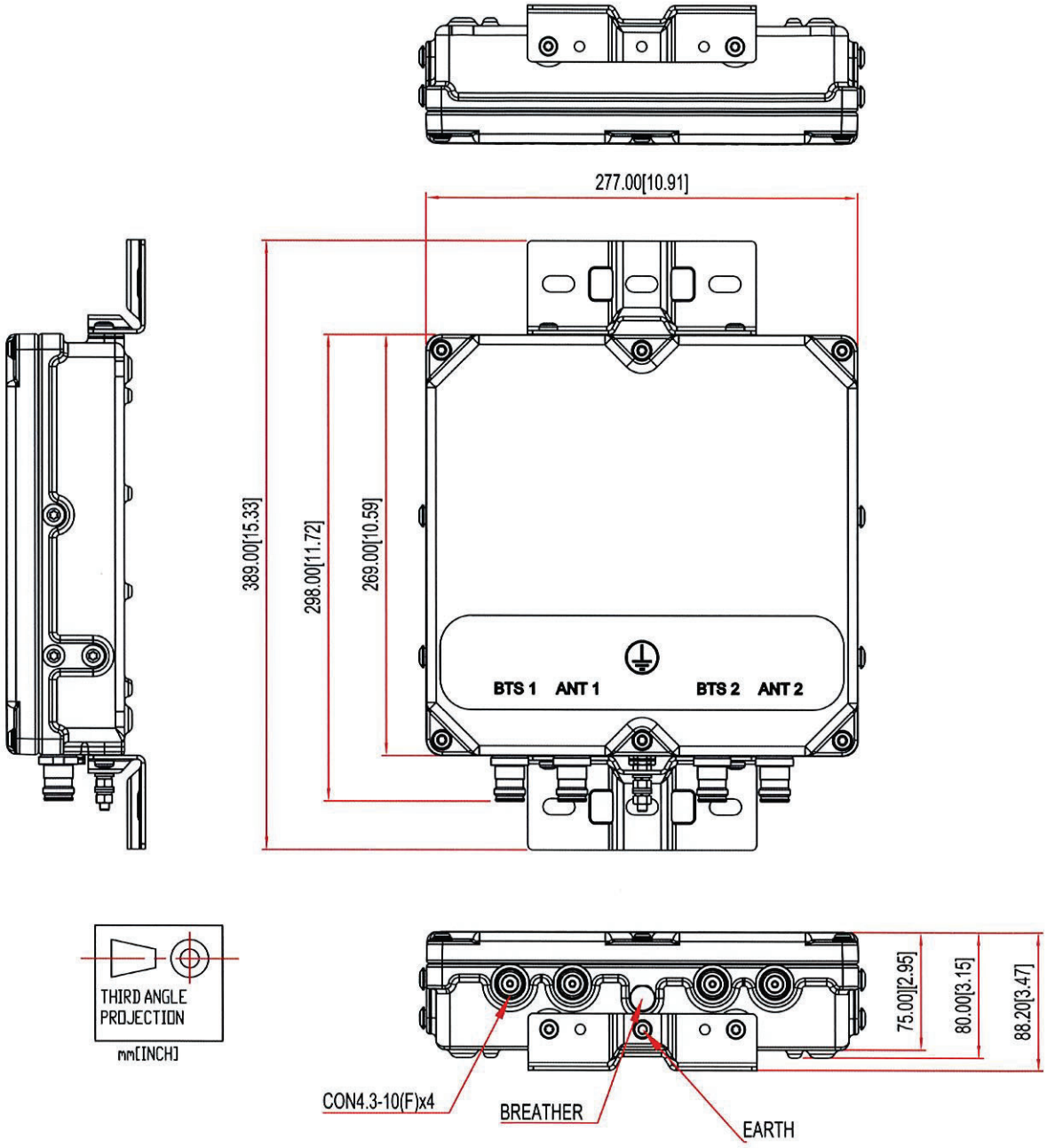
ORDERING INFORMATION

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 10:08 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775826165867: Your package has been delivered

FedEx®

Hi. Your package was delivered Fri, 04/05/2024 at 9:54am.

Delivered to 3 PRIMROSE ST, NEWTOWN, CT 06470
Received by S.ARAH

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775826165867
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Newtown A. Jeffrey Capeci 3 Primrose St NEWTOWN, CT, US, 06470
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Thu 4/04/2024 05:12 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEWTOWN, CT, US, 06470
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Friday, April 5, 2024 10:08 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775826184358: Your package has been delivered

Hi. Your package was delivered Fri, 04/05/2024 at 9:54am.

Delivered to 3 PRIMROSE ST, NEWTOWN, CT 06470
Received by S.ARAH

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775826184358
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Newtown Rob Sibley, Planning Director 3 Primrose St NEWTOWN, CT, US, 06470
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Thu 4/04/2024 05:12 PM
DELIVERED TO	Receptionist/Front Desk
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NEWTOWN, CT, US, 06470
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

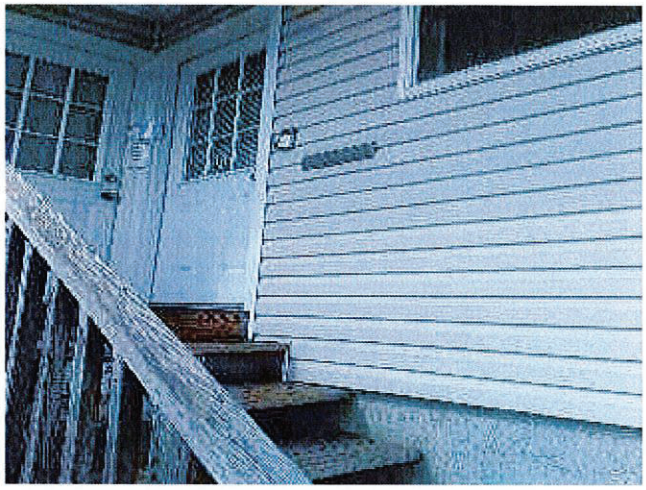
Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Friday, April 5, 2024 12:02 PM
To: Barbadora, Jeff
Subject: FedEx Shipment 775826228512: Your package has been delivered
Attachments: DeliveryPicture.jpeg

Hi. Your package was delivered Fri, 04/05/2024 at 11:55am.

Delivered to 505 WESTPORT AVE, NORWALK, CT 06851

OBTAIN PROOF OF DELIVERY



Delivery picture not showing? View in browser.

How was your delivery ?

☆ ☆ ☆ ☆ ☆

TRACKING NUMBER	775826228512
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Property Owner Carmine V. Renzulli 505 Westport Ave NORWALK, CT, US, 06851
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Thu 4/04/2024 05:12 PM
DELIVERED TO	Residence
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	NORWALK, CT, US, 06851

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206810
Colliers Engineering & Design CT, PC Project #: 23777112

July 11, 2023

Site Information	*Site ID:*	*5000386579-VZW / NEWTOWN CT*
	Site Name:	*NEWTOWN CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*Rte. 34 Washington Ave* *Newtown, Connecticut 06482* *Fairfield County*
	Latitude:	*41.412596°*
	Longitude:	*-73.270394°*
Structure Information	*Tower Type:*	*186-Ft Monopole*
	Mount Type:	*10.67-Ft Platform*

FUZE ID # 17123827

Analysis Results

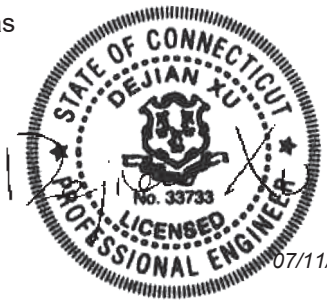
Platform: **86.3% Pass**

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

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

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

Report Prepared By: Carol Luengas



07/11/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 324504, dated March 18, 2021*
Mount Mapping Report	*Hudson Design Group, LLC., Site ID: 467643, dated March 9, 2021*
Previous Post Modification Inspection	*Colliers Engineering & Design Project #: 21777075, dated May 15, 2023*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.988
Seismic Parameters:	S_S:	0.209 g
	S_1:	0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
183.38	185.00	3	Samsung	MT6407-77A	Retained
		6	Andrew	DB846F65ZAXY	
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48	
		6	Commscope	CBC78T-DS-43	
		6	Quintel	QS8658-5	
		4	Kaelus	BSF0020F3V1-1	Added

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	86.3 %	Pass
Standoff Horizontal	73.4 %	Pass
Corner Plate	13.9 %	Pass
Corner HHS	29.4 %	Pass
Mount Pipe	85.7 %	Pass
Support Rail	68.5 %	Pass
Support Rail Corner	39.5 %	Pass
Mod Support Rail bracing	13.7 %	Pass
Dual Mount Pipe	82.9 %	Pass
Ladder	29.8 %	Pass
Ladder Rungs	9.9 %	Pass
Mount Connection	78.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**86.3%**

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	28.8	28.1	47.1	46.4
0.5	35.8	35.9	61.7	61.4
1	42.7	42.7	75.9	75.8

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

Requirements:

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

Disconnect existing tieback attached from existing dipole antenna by others.

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000386579 SMART Project #: 10206810 Fuze Project ID: 17123827

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:

Disconnect existing tieback attached from existing dipole antenna by others.

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: 5000386579-VZW - NEWTOWN CT

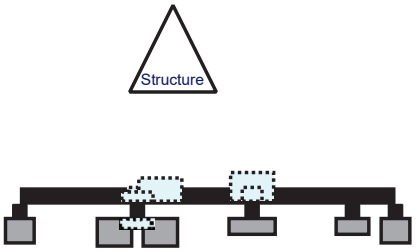
Sector: **A** 7/11/2023

Structure Type: Monopole 10206810

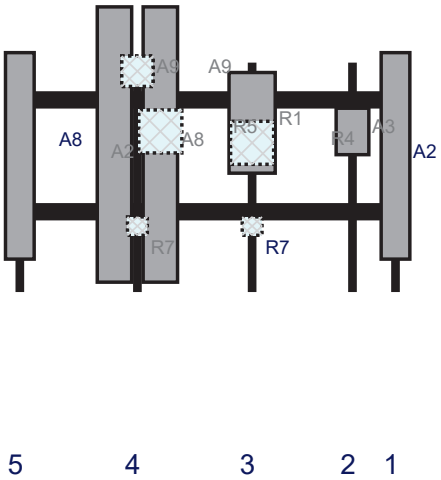
Mount Elev: 183.38 Page: 1

Colliers Engineering & Design

Plan View

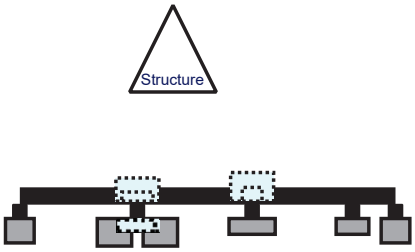


Front View - Looking at Structure

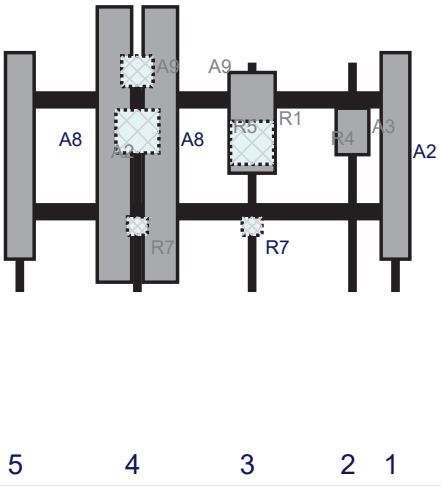


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	DB846F65ZAXY	72	10	131	1	a	Front	32.52	0	Retained	02/22/2023
A3	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	116	2	a	Front	24	0	Retained	02/22/2023
R1	MT6407-77A	35.1	16.1	81	3	a	Front	21	0	Retained	02/22/2023
R4	B2/B66A RRH-BR049	15	15	81	3	a	Behind	27.96	0	Retained	02/22/2023
R7	CBC78T-DS-43	6.4	6.9	81	3	a	Behind	57	0	Retained	02/22/2023
A8	QS8658-5	96	12	41	4	a	Front	28.56	8	Retained	02/22/2023
A8	QS8658-5	96	12	41	4	b	Front	28.56	-8	Retained	02/22/2023
R5	B5/B13 RRH-BR04C	15	15	41	4	a	Behind	24	8	Retained	02/22/2023
R7	CBC78T-DS-43	6.4	6.9	41	4	b	Behind	57	0	Retained	02/22/2023
A9	BSF0020F3V1-1	10.6	10.9	41	4	a	Front	3	0	Added	
A9	BSF0020F3V1-1	10.6	10.9	41	4	b	Behind	3	0	Added	
A2	DB846F65ZAXY	72	10		5	a	Front	32.52	0	Retained	02/22/2023
OVP	RRFDC-3315-PF-48	19.1	15.7		Member					Retained	02/22/2023

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
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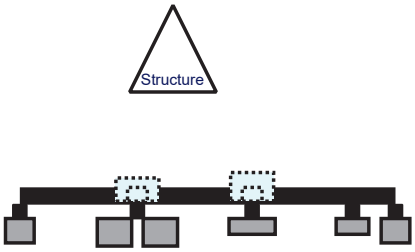
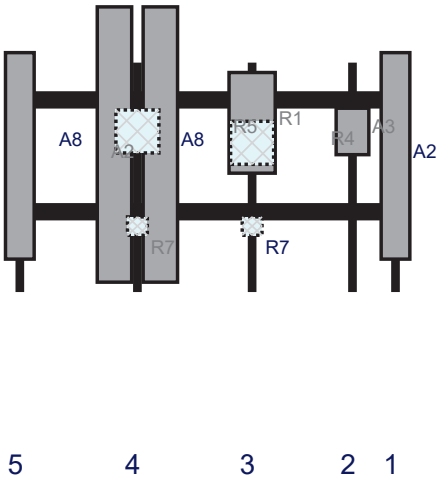
A3	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	116	2	a	Front	24	0	Retained	02/22/2023
R1	MT6407-77A	35.1	16.1	81	3	a	Front	21	0	Retained	02/22/2023
R4	B2/B66A RRH-BR049	15	15	81	3	a	Behind	27.96	0	Retained	02/22/2023
R7	CBC78T-DS-43	6.4	6.9	81	3	a	Behind	57	0	Retained	02/22/2023
A8	QS8658-5	96	12	41	4	a	Front	28.56	8	Retained	02/22/2023
A8	QS8658-5	96	12	41	4	b	Front	28.56	-8	Retained	02/22/2023
R5	B5/B13 RRH-BR04C	15	15	41	4	a	Behind	24	0	Retained	02/22/2023
R7	CBC78T-DS-43	6.4	6.9	41	4	b	Behind	57	0	Retained	02/22/2023
A9	BSF0020F3V1-1	10.6	10.9	41	4	a	Front	3	0	Added	
A9	BSF0020F3V1-1	10.6	10.9	41	4	b	Behind	3	0	Added	
A2	DB846F65ZAXY	72	10		5	a	Front	32.52	0	Retained	02/22/2023

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	DB846F65ZAXY	72	10	131	1	a	Front	32.52	0	Retained	02/22/2023
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R1	MT6407-77A	35.1	16.1	81	3	a	Front	21	0	Retained	02/22/2023
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A8	QS8658-5	96	12	41	4	b	Front	28.56	-8	Retained	02/22/2023
R5	B5/B13 RRH-BR04C	15	15	41	4	a	Behind	24	0	Retained	02/22/2023
R7	CBC78T-DS-43	6.4	6.9	41	4	a	Behind	57	0	Retained	02/22/2023
A2	DB846F65ZAXY	72	10		5	a	Front	32.52	0	Retained	02/22/2023


Feb 22, 2023 at 1:25:06 PM
21 Berkshire Rd
Sandy Hook CT 06482
United States

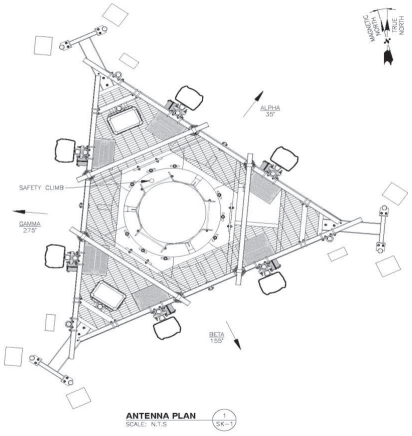

Feb 22, 2023 2:33:40 PM
18A Philo Curtis Road
Newtown
Fairfield County
Connecticut

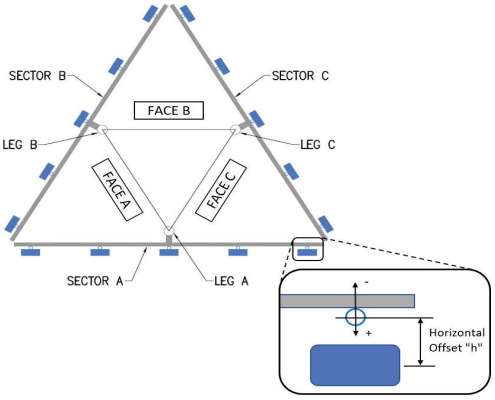
V3.0 Updated on 8-31-2020

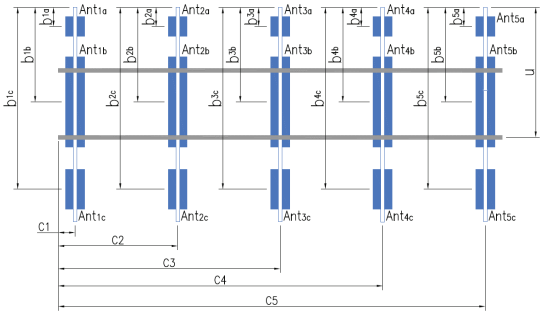
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	OTHER	**Mapping Date:**	3/9/2021
Site Name:	NEWTOWN CT	**Tower Type:**	Monopole
Site Number or ID:	467643	**Tower Height (Ft.):**	186
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	186.25







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 80" LONG	52.00		C1	2" STD. PIPE X 80" LONG	52.00	
A2	2" STD. PIPE X 80" LONG	58.00	12.00	C2	2" STD. PIPE X 80" LONG	58.00	12.00
A3	2" STD. PIPE X 84" LONG	53.00	47.00	C3	2" STD. PIPE X 84" LONG	53.00	47.00
A4	2" STD. PIPE X 72" LONG	48.00	103.00	C4	2" STD. PIPE X 72" LONG	48.00	103.00
A5	2" STD. PIPE X 80" LONG	52.00		C5	2" STD. PIPE X 80" LONG	52.00	
A6				C6			
B1	2" STD. PIPE X 80" LONG	52.00		D1			
B2	2" STD. PIPE X 80" LONG	58.00	12.00	D2			
B3	2" STD. PIPE X 84" LONG	53.00	47.00	D3			
B4	2" STD. PIPE X 72" LONG	48.00	103.00	D4			
B5	2" STD. PIPE X 80" LONG	52.00		D5			
B6				D6			

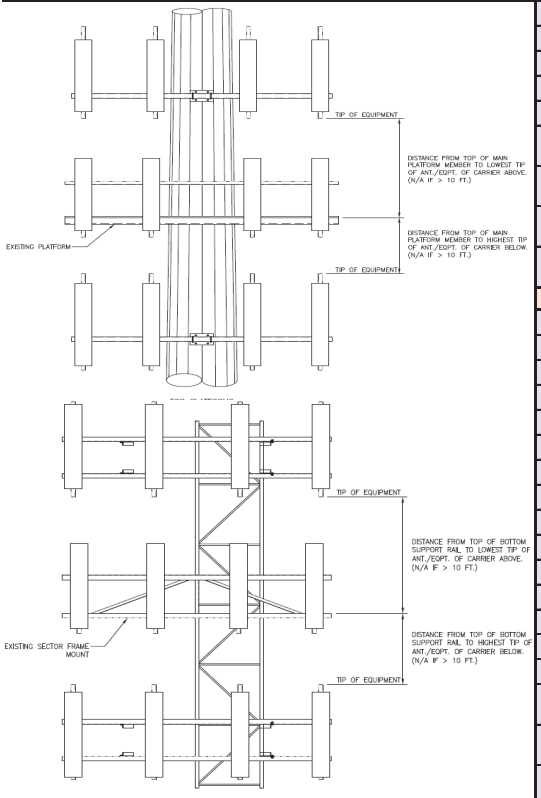
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	66
Please enter additional infomation or comments below.	

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	28.5

	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}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	35.00	60, 35
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	RT4401-48A	8.60	5.50	16.00		188.083	36.00	9.00	35.00	27, 35
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.50	12.00	15.50		187.833	34.00	-10.00		36, 28
Ant_{3b}	QS86585D621190038	12.00	10.00	97.00		188.25	29.00	13.00	35.00	15, 36
Ant_{3c}	CBC78T-DS-43	6.50	5.00	6.50		189.167	18.00	-5.00		2, 106
Ant_{4a}	RFV01U-D2A	15.50	16.00	15.50		187.417	34.00	-10.00		37, 29
Ant_{4b}	QS86585D621190038	12.00	10.00	97.00		187.833	29.00	13.00	35.00	15, 37
Ant_{4c}	CBC78T-DS-43	6.50	5.00	6.50		188.75	18.00	-5.00		4, 106
Ant_{5a}										
Ant_{5b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	35.00	60, 38
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:	35.00	Deg	Leg A:		Deg
Sector B:	155.00	Deg	Leg B:		Deg
Sector C:	275.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	330.00	Deg	N/A
Climbing Facility	Corrosion Type:		Good condition.
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	155.00	39, 35
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	RT4401-48A	8.60	5.50	16.00		188.083	36.00	9.00	155.00	27, 40
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.50	12.00	15.50		187.833	34.00	-10.00		42, 28
Ant_{3b}	QS86585D621190038	12.00	10.00	97.00		188.25	29.00	13.00	155.00	15, 41
Ant_{3c}	CBC78T-DS-43	6.50	5.00	6.50		189.167	18.00	-5.00		2, 106
Ant_{4a}	RFV01U-D2A	15.50	16.00	15.50		187.417	34.00	-10.00		43, 29
Ant_{4b}	QS86585D621190038	12.00	10.00	97.00		187.833	29.00	13.00	155.00	43, 15
Ant_{4c}	CBC78T-DS-43	6.50	5.00	6.50		188.75	18.00	-5.00		4, 106
Ant_{5a}										
Ant_{5b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	155.00	60, 44
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						30, 102
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	275.00	60, 45
Ant_{1c}										
Ant_{2a}										
Ant_{2b}	RT4401-48A	8.60	5.50	16.00		188.083	36.00	9.00	275.00	27, 45
Ant_{2c}										
Ant_{3a}	RFV01U-D1A	15.50	12.00	15.50		187.833	34.00	-10.00		46, 28
Ant_{3b}	QS86585D621190038	12.00	10.00	97.00		188.25	29.00	13.00	275.00	15, 46
Ant_{3c}	CBC78T-DS-43	6.50	5.00	6.50		189.167	18.00	-5.00		2, 106
Ant_{4a}	RFV01U-D2A	15.50	16.00	15.50		187.417	34.00	-10.00		47, 29
Ant_{4b}	QS86585D621190038	12.00	10.00	97.00		187.833	29.00	13.00	275.00	15, 47
Ant_{4c}	CBC78T-DS-43	6.50	5.00	6.50		188.75	18.00	-5.00		4, 106
Ant_{5a}										
Ant_{5b}	ANDREW ANTENNA	9.50	8.00	72.00		187.833	33.00	9.00	275.00	60, 48
Ant_{5c}										
Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						30, 102
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #

1		
2	(12) 1-5/8"Ø COAX, (2) 1-1/4"Ø HYBRID	14-Nov
3		
4		
5		
6		
7		
8		

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

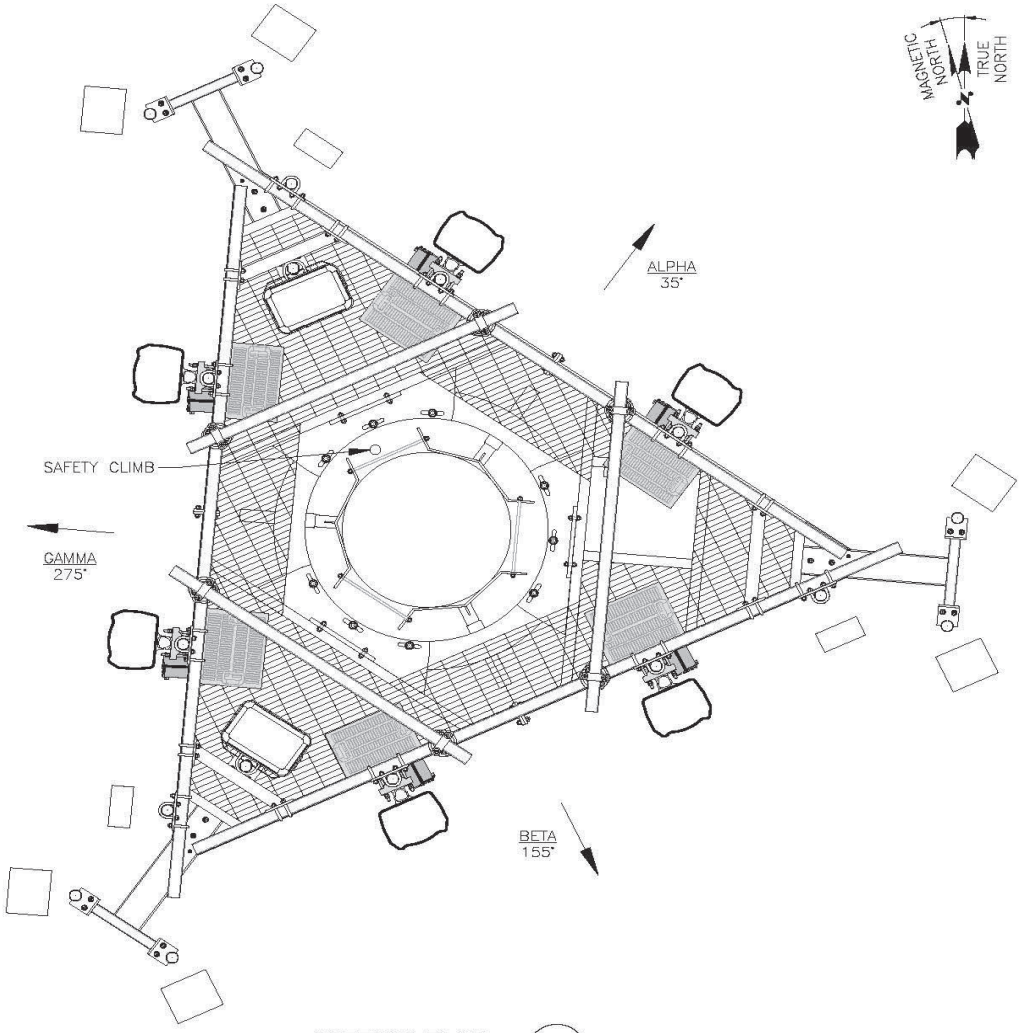
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

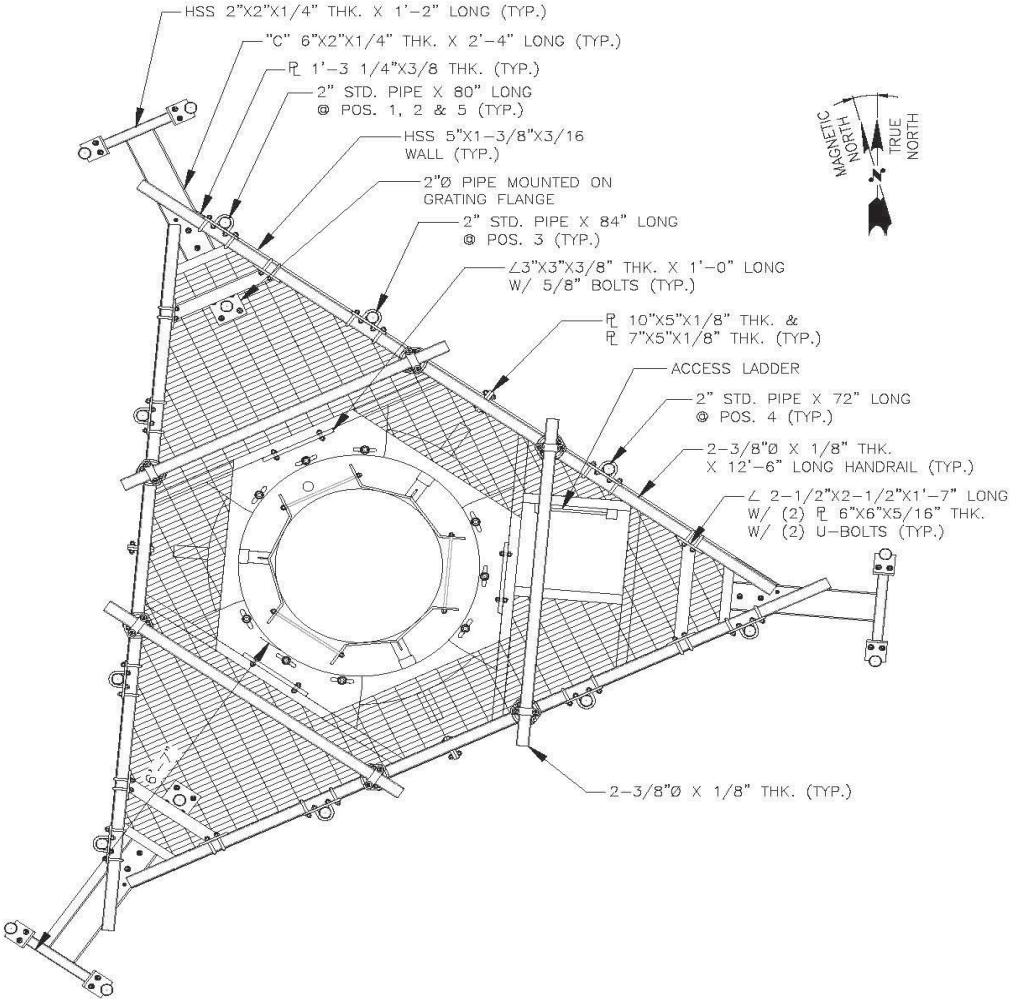
Tower Owner:	OTHER	**Mapping Date:**	3/9/2021
Site Name:	NEWTOWN CT	**Tower Type:**	Monopole
Site Number or ID:	467643	**Tower Height (Ft.):**	186
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	186.25

Please Insert Sketches of the Antenna Mount



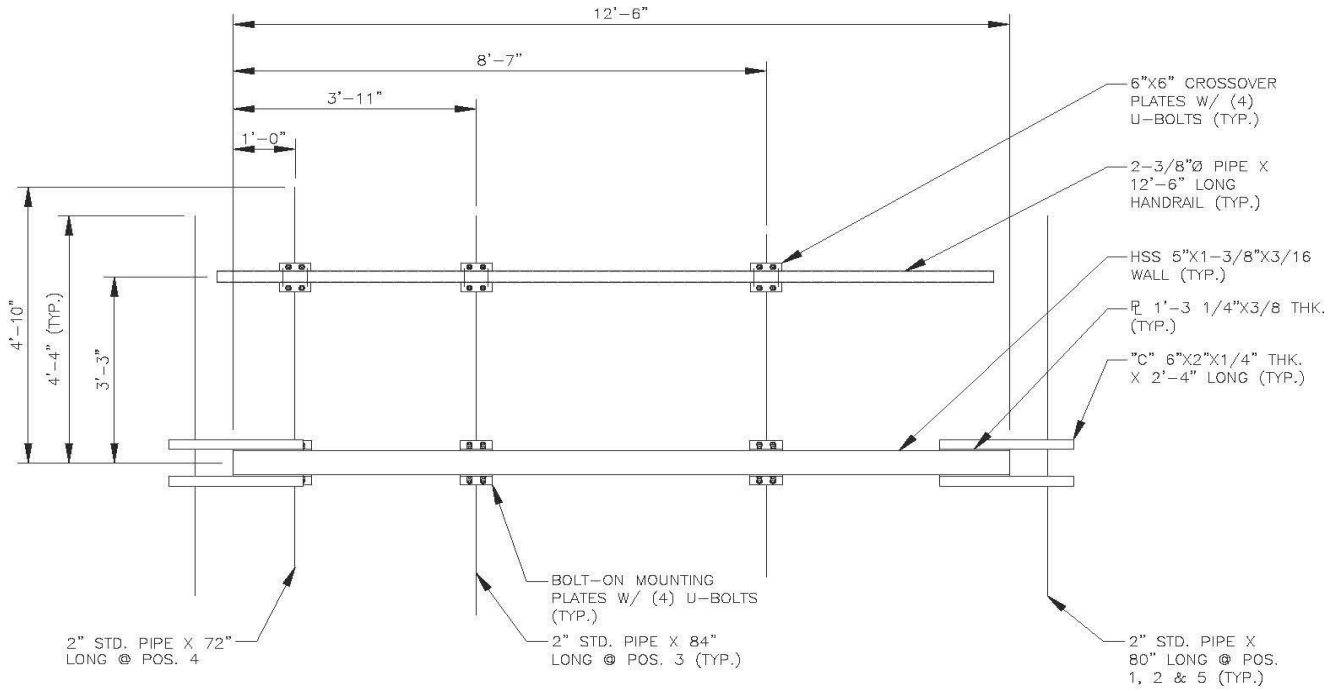
ANTENNA PLAN (1 / SK–1)
SCALE: N.T.S

Please Insert Sketches of the Antenna Mount, cont'd

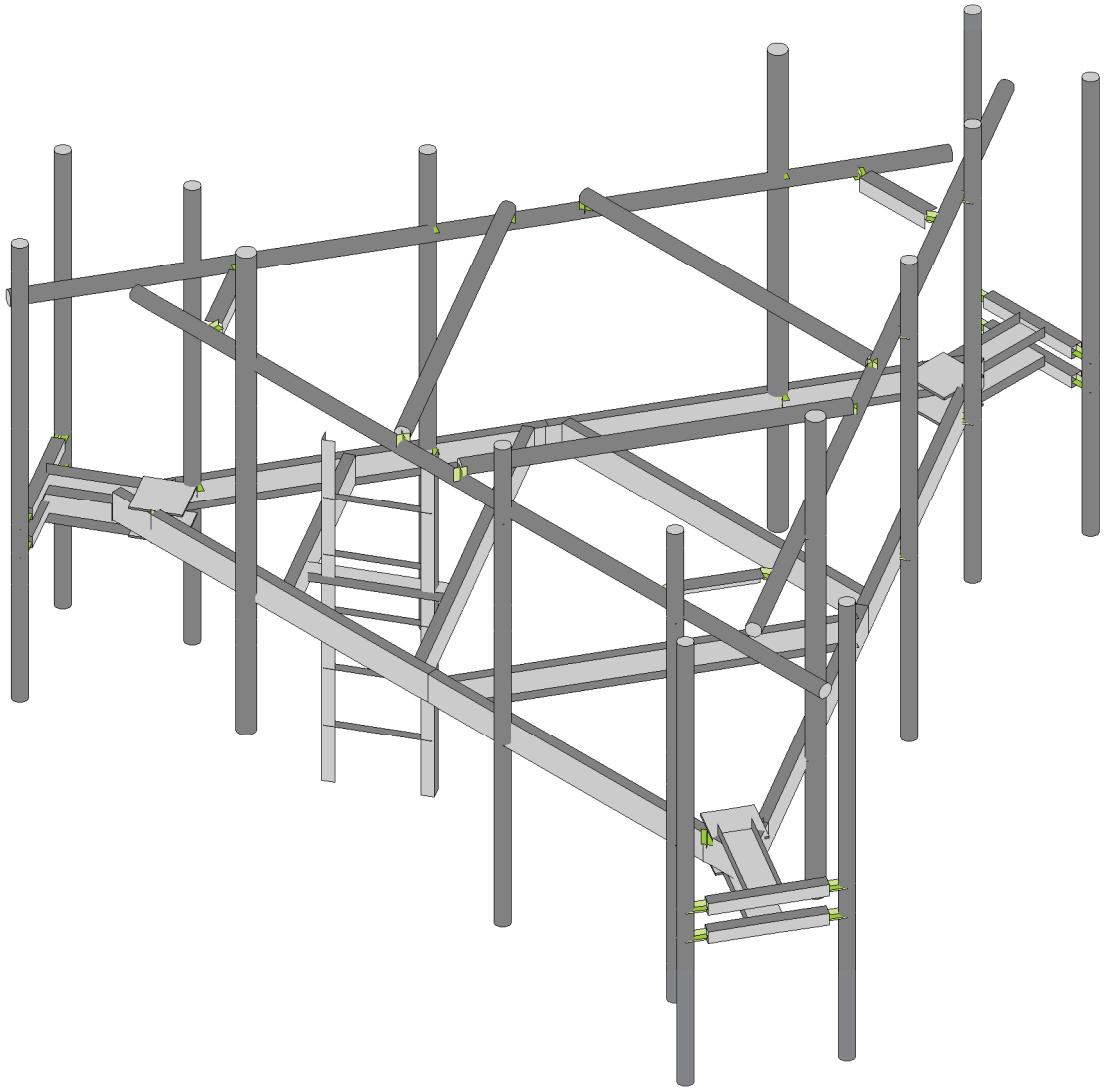


MOUNT PLAN 1
SCALE: N.T.S SK-2

Please Insert Sketches of the Antenna Mount, cont'd



FACE ELEVATION (1 / SK-3)
SCALE: N.T.S



Envelope Only Solution

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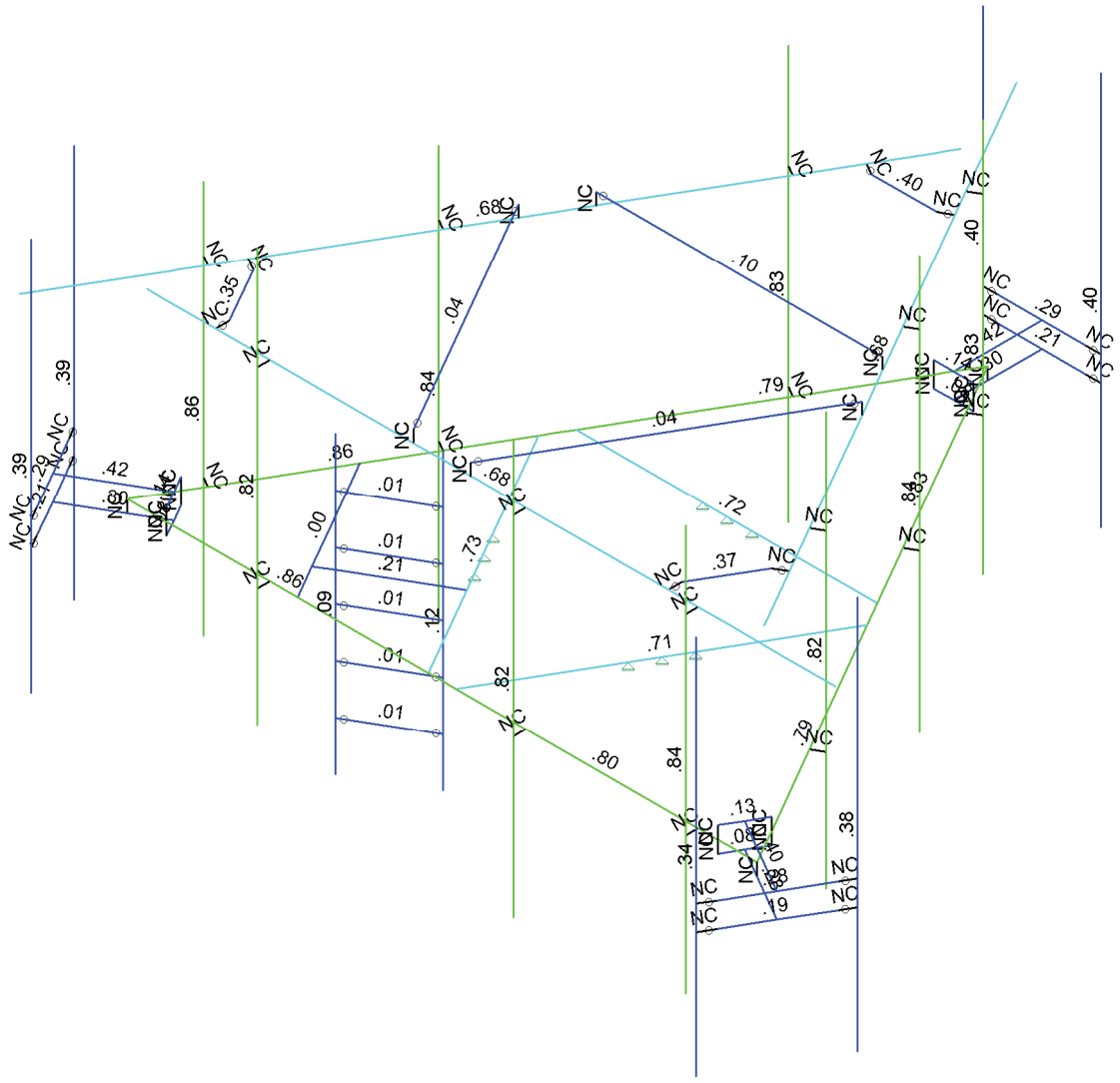
		July 11, 2023 at 11:33 AM
Project No. 10206810		5000386579-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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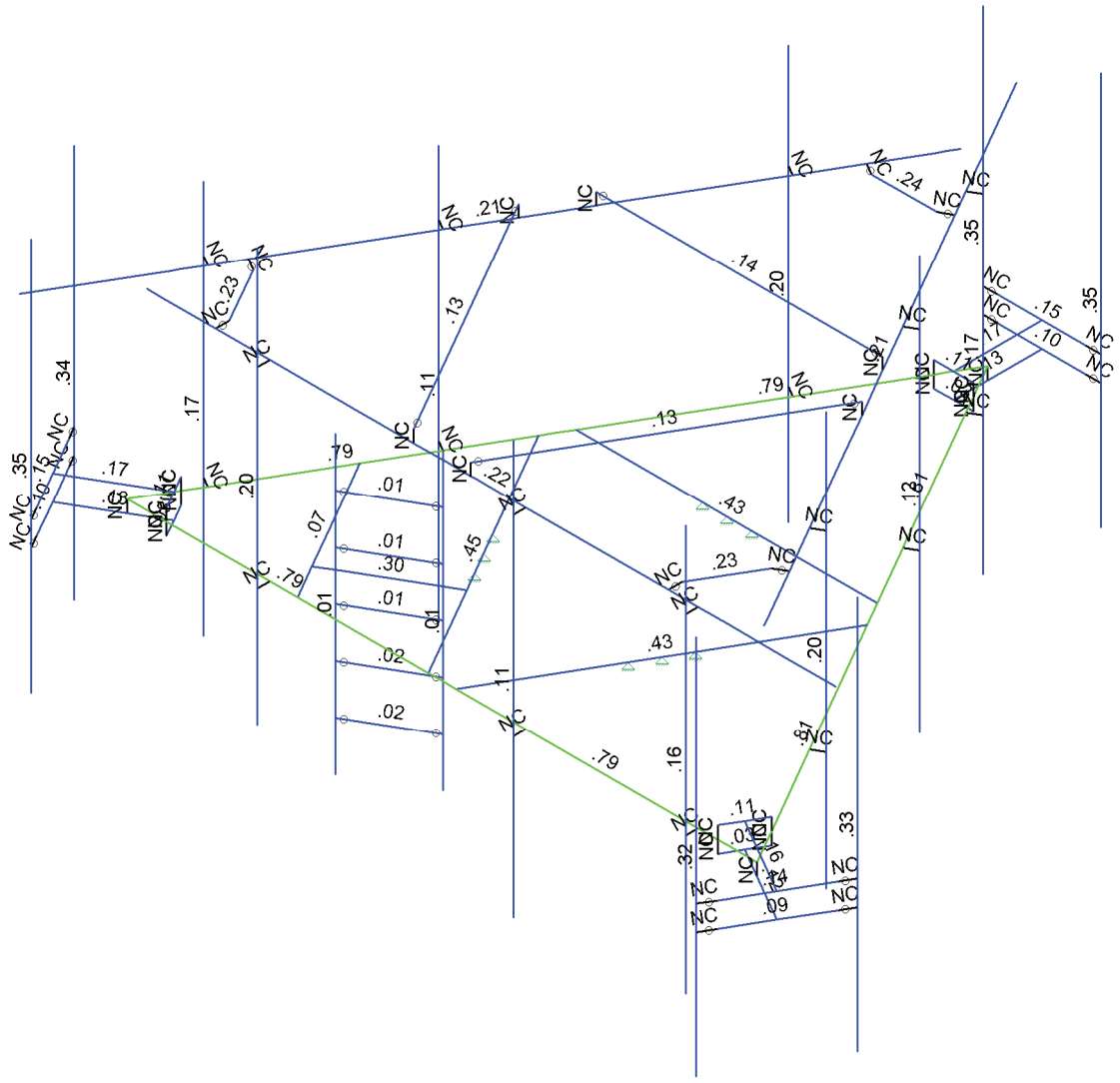
		July 11, 2023 at 11:33 AM
Project No. 10206810		5000386579-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

	5000386579-VZW_MT_LO_H	SK - 3
		July 11, 2023 at 11:33 AM
Project No. 10206810		5000386579-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					150			
2	Antenna Di	None					150			
3	Antenna Wo (0 Deg)	None					150			
4	Antenna Wo (30 Deg)	None					150			
5	Antenna Wo (60 Deg)	None					150			
6	Antenna Wo (90 Deg)	None					150			
7	Antenna Wo (120 Deg)	None					150			
8	Antenna Wo (150 Deg)	None					150			
9	Antenna Wo (180 Deg)	None					150			
10	Antenna Wo (210 Deg)	None					150			
11	Antenna Wo (240 Deg)	None					150			
12	Antenna Wo (270 Deg)	None					150			
13	Antenna Wo (300 Deg)	None					150			
14	Antenna Wo (330 Deg)	None					150			
15	Antenna Wi (0 Deg)	None					150			
16	Antenna Wi (30 Deg)	None					150			
17	Antenna Wi (60 Deg)	None					150			
18	Antenna Wi (90 Deg)	None					150			
19	Antenna Wi (120 Deg)	None					150			
20	Antenna Wi (150 Deg)	None					150			
21	Antenna Wi (180 Deg)	None					150			
22	Antenna Wi (210 Deg)	None					150			
23	Antenna Wi (240 Deg)	None					150			
24	Antenna Wi (270 Deg)	None					150			
25	Antenna Wi (300 Deg)	None					150			
26	Antenna Wi (330 Deg)	None					150			
27	Antenna Wm (0 Deg)	None					150			
28	Antenna Wm (30 Deg)	None					150			
29	Antenna Wm (60 Deg)	None					150			
30	Antenna Wm (90 Deg)	None					150			
31	Antenna Wm (120 Deg)	None					150			
32	Antenna Wm (150 Deg)	None					150			
33	Antenna Wm (180 Deg)	None					150			
34	Antenna Wm (210 Deg)	None					150			
35	Antenna Wm (240 Deg)	None					150			
36	Antenna Wm (270 Deg)	None					150			
37	Antenna Wm (300 Deg)	None					150			
38	Antenna Wm (330 Deg)	None					150			
39	Structure D	None		-1					6	
40	Structure Di	None						60	6	
41	Structure Wo (0 Deg)	None						120		
42	Structure Wo (30 Deg)	None						120		
43	Structure Wo (60 Deg)	None						120		
44	Structure Wo (90 Deg)	None						120		
45	Structure Wo (120 D...	None						120		
46	Structure Wo (150 D...	None						120		
47	Structure Wo (180 D...	None						120		
48	Structure Wo (210 D...	None						120		
49	Structure Wo (240 D...	None						120		
50	Structure Wo (270 D...	None						120		
51	Structure Wo (300 D...	None						120		
52	Structure Wo (330 D...	None						120		
53	Structure Wi (0 Deg)	None						120		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						120		
55	Structure Wi (60 Deg)	None						120		
56	Structure Wi (90 Deg)	None						120		
57	Structure Wi (120 De...	None						120		
58	Structure Wi (150 De...	None						120		
59	Structure Wi (180 De...	None						120		
60	Structure Wi (210 De...	None						120		
61	Structure Wi (240 De...	None						120		
62	Structure Wi (270 De...	None						120		
63	Structure Wi (300 De...	None						120		
64	Structure Wi (330 De...	None						120		
65	Structure Wm (0 Deg)	None						120		
66	Structure Wm (30 De...	None						120		
67	Structure Wm (60 De...	None						120		
68	Structure Wm (90 De...	None						120		
69	Structure Wm (120 D...	None						120		
70	Structure Wm (150 D...	None						120		
71	Structure Wm (180 D...	None						120		
72	Structure Wm (210 D...	None						120		
73	Structure Wm (240 D...	None						120		
74	Structure Wm (270 D...	None						120		
75	Structure Wm (300 D...	None						120		
76	Structure Wm (330 D...	None						120		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					150			
82	Antenna Eh (0 Deg)	None					100			
83	Antenna Eh (90 Deg)	None					100			
84	Structure Ev	ELY		-.045					6	
85	Structure Eh (0 Deg)	ELZ			-.111				6	
86	Structure Eh (90 Deg)	ELX	.111						6	
87	BLC 39 Transient Are...	None						75		
88	BLC 40 Transient Are...	None						75		
89	BLC 84 Transient Are...	None						75		
90	BLC 85 Transient Are...	None						75		
91	BLC 86 Transient Are...	None						75		

Load Combinations

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

Load Combinations (Continued)

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

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0.	0	3.0792	0	
2	N2	5.333333	0	3.0792	0	
3	N3	-5.333333	0	3.0792	0	
4	N4	-2.666667	0	-1.539602	0	
5	N5	-0.	0	-6.158404	0	
6	N7	2.666667	0	-1.539602	0	
7	N7A	0	0	-0.000001	0	
8	N8	-0.	0	-1.741738	0	
9	N11	2.549964	0	-1.741738	0	
10	N12	-2.549964	0	-1.741738	0	
11	N11A	-2.783371	0	-1.337465	0	
12	N12A	-0.233408	0	3.0792	0	
13	N13	0.233408	0	3.0792	0	
14	N14	2.783371	0	-1.337465	0	
15	N15	-4.666667	0	3.0792	0	
16	N20	-5.000001	0	2.501852	0	
17	N24	-5.333333	-0.208333	3.0792	0	
18	N25	-4.666667	-0.208333	3.0792	0	
19	N26	-4.999999	-0.208333	2.501852	0	
20	N27	-4.833333	-0.208333	2.790526	0	
21	N22	5.000001	0	2.501852	0	
22	N23	4.666667	0	3.0792	0	
23	N24A	5.333333	-0.208333	3.0792	0	
24	N25A	4.999999	-0.208333	2.501852	0	
25	N26A	4.666667	-0.208333	3.0792	0	
26	N27A	4.833333	-0.208333	2.790525	0	
27	N29	-0.333335	0	-5.581052	0	
28	N30	0.333335	0	-5.581052	0	
29	N31	-0.	-0.208333	-6.158404	0	
30	N32	-0.333332	-0.208333	-5.581052	0	
31	N33	0.333332	-0.208333	-5.581052	0	
32	N34	-0.	-0.208333	-5.581052	0	
33	N33A	-0.	-0.208333	-7.081052	0	
34	N35	-6.132371	-0.208333	3.540526	0	
35	N37	6.132371	-0.208333	3.540525	0	
36	N36	0.	3.25	3.0792	0	
37	N39	-2.666667	3.25	-1.539602	0	
38	N41	2.666667	3.25	-1.539602	0	
39	N50	-4.666667	3.25	3.0792	0	
40	N51	-4.999999	3.25	2.501852	0	
41	N54	-0.333332	3.25	-5.581052	0	
42	N55	0.333332	3.25	-5.581052	0	
43	N56	-6.666667	3.25	3.0792	0	
44	N57	5.833333	3.25	3.0792	0	
45	N58	5.166665	3.25	2.790527	0	
46	N59	0.166665	3.25	-5.869727	0	
47	N60	-0.166665	3.25	-5.869727	0	
48	N61	-5.166665	3.25	2.790527	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N59A	-4.833333	3.291667	2.790526	0	
50	N79	-0.	3.291667	-5.581052	0	
51	N72	0.416667	0	-1.741738	0	
52	N73	-0.416667	0	-1.741738	0	
53	N75A	-1.716722	0	0.510025	0	
54	N76A	-1.300056	0	1.231713	0	
55	N77A	1.50839	0	0.870868	0	
56	N78A	1.300056	0	1.231713	0	
57	N79A	1.716722	0	0.510025	0	
58	N82	-1.458333	0	3.0792	0	
59	N83	-1.458333	3.25	3.0792	0	
60	N86	4.833333	0	3.0792	0	
61	N87	4.833333	3.25	3.0792	0	
62	N88	-4.833333	0	3.0792	0	
63	N89	-4.833333	3.25	3.0792	0	
64	N90	1.937501	0	-2.802554	0	
65	N91	1.937499	3.25	-2.802554	0	
66	N92	3.395835	0	-0.276646	0	
67	N93	3.395832	3.25	-0.276646	0	
68	N96	0.250001	0	-5.725389	0	
69	N97	0.249999	3.25	-5.725389	0	
70	N98	5.083335	0	2.646189	0	
71	N99	5.083332	3.25	2.646189	0	
72	N100	-3.395835	0	-0.276646	0	
73	N101	-3.395832	3.25	-0.276646	0	
74	N102	-1.937501	0	-2.802554	0	
75	N103	-1.937499	3.25	-2.802554	0	
76	N106	-5.083335	0	2.646189	0	
77	N107	-5.083332	3.25	2.646189	0	
78	N108	-0.250001	0	-5.725389	0	
79	N109	-0.249999	3.25	-5.725389	0	
80	N110	.75	-0.208333	-7.081052	0	
81	N112	-.75	-0.208333	-7.081052	0	
82	N114	-1	-0.208333	-7.081052	0	
83	N118	1	-0.208333	-7.081052	0	
84	N118A	-6.507371	-0.208333	2.891007	0	
85	N120	-5.757371	-0.208333	4.190045	0	
86	N122	-5.632371	-0.208333	4.406551	0	
87	N124	-6.632371	-0.208333	2.674501	0	
88	N126	5.757371	-0.208333	4.190045	0	
89	N128	6.507371	-0.208333	2.891007	0	
90	N130	6.632371	-0.208333	2.674501	0	
91	N132	5.632371	-0.208333	4.406551	0	
92	N165	-5.632371	4.333333	4.406551	0	
93	N166	5.632371	4.125	4.406551	0	
94	N169	-5.632371	-2.333333	4.406551	0	
95	N170	5.632371	-2.333333	4.406551	0	
96	N174	0.500001	0	-5.292378	0	
97	N176	0.499999	3.25	-5.292377	0	
98	N179	0.680421	0	-5.396543	0	
99	N180	0.680421	3.25	-5.396543	0	
100	N181	0.680421	-2.333333	-5.396543	0	
101	N182	0.680421	4.333333	-5.396543	0	
102	N187	6.632371	4.333333	2.674501	0	
103	N188	1	4.333333	-7.081052	0	
104	N191	6.632371	-2.333333	2.674501	0	
105	N192	1	-2.333333	-7.081052	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N209	-1	4.333333	-7.081052	0	
107	N210	-6.632371	4.333333	2.674501	0	
108	N213	-1	-2.333333	-7.081052	0	
109	N214	-6.632371	-2.333333	2.674501	0	
110	N184A	-6.25	0	3.0792	0	
111	N185A	-5	3.416667	3.0792	0	
112	N195B	-0.	0	-1.187501	0	
113	N187A	-0.666668	3.25	-7.313103	0	
114	N189A	0.250001	3.25	-6.591415	0	
115	N189B	-0.	0	-7.408404	0	
116	N190B	-0.	0	-5.908404	0	
117	N191A	-5.999995	3.25	4.233901	0	
118	N193A	-5	3.25	3.079196	0	
119	N194A	6.666667	3.25	3.079196	0	
120	N142	1.958334	0	-2.76647	0	
121	N143	1.958332	3.25	-2.766469	0	
122	N144	2.138754	0	-2.870636	0	
123	N145	2.138754	3.25	-2.870636	0	
124	N146	2.138754	-2.666667	-2.870636	0	
125	N147	2.138754	4.333333	-2.870636	0	
126	N156	-4.666667	0.208333	3.0792	0	
127	N157	-4.999999	0.208333	2.501852	0	
128	N158	-4.833333	0.208333	2.790526	0	
129	N159	-6.132371	0.208333	3.540526	0	
130	N160	-6.507371	0.208333	2.891007	0	
131	N161	-5.757371	0.208333	4.190045	0	
132	N162	-5.632371	0.208333	4.406551	0	
133	N163	-6.632371	0.208333	2.674501	0	
134	N165A	5	0.208333	2.50185	0	
135	N166A	4.666668	0.208333	3.079198	0	
136	N167	4.833334	0.208333	2.790524	0	
137	N168	6.132372	0.208333	3.540524	0	
138	N169A	5.757372	0.208333	4.190043	0	
139	N170A	6.507372	0.208333	2.891005	0	
140	N171	6.632371	0.208333	2.674501	0	
141	N172	5.632371	0.208333	4.406551	0	
142	N176A	-0.333333	0.208333	-5.581054	0	
143	N177	0.333331	0.208333	-5.581054	0	
144	N178	-0.000001	0.208333	-5.581054	0	
145	N179A	-0.000001	0.208333	-7.081054	0	
146	N180A	0.749999	0.208333	-7.081054	0	
147	N181A	-0.750001	0.208333	-7.081054	0	
148	N182A	-1	0.208333	-7.081052	0	
149	N183	1	0.208333	-7.081052	0	
150	N178A	-0.	3.25	-6.158404	0	
151	N179B	0.749998	3.25	-4.859365	0	
152	N180B	0.551536	3.25	-4.744783	0	
153	N181B	4.583331	3.25	1.780163	0	
154	N182B	4.384869	3.25	1.894745	0	
155	N184	-4.58333	3.25	1.780164	0	
156	N185	-4.384869	3.25	1.894745	0	
157	N186	-0.749998	3.25	-4.859365	0	
158	N187B	-0.551536	3.25	-4.744783	0	
159	N189	3.833333	3.25	3.079196	0	
160	N190	3.833333	3.25	2.850033	0	
161	N191B	-3.833333	3.25	3.079196	0	
162	N192A	-3.833333	3.25	2.850033	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N194	-1.50839	0	0.870868	0	
164	N192B	2.383297	0	-2.030413	0	
165	N193	2.950038	0	-1.048789	0	
166	N194B	2.383297	3.25	-2.030413	0	
167	N195	2.908368	3.25	-1.120958	0	
168	N197	-2.950036	3.25	-1.048792	0	
169	N198	-2.383296	3.25	-2.030415	0	
170	N200	0.566739	3.25	3.0792	0	
171	N201	-0.566742	3.25	3.0792	0	
172	N200A	2.908371	3.45	-1.120958	0	
173	N202	2.42496	3.25	-1.958246	0	
174	N203	2.424962	3.45	-1.958246	0	
175	N204	-2.424959	3.25	-1.958246	0	
176	N205	-2.424962	3.45	-1.958246	0	
177	N206	-2.908367	3.25	-1.120958	0	
178	N207	-2.908371	3.45	-1.120958	0	
179	N209A	-0.483408	3.25	3.079196	0	
180	N210A	-0.483408	3.45	3.0792	0	
181	N211	0.483408	3.25	3.079196	0	
182	N212	0.483408	3.45	3.0792	0	
183	N212A	-4.833333	0	2.213174	0	
184	N213A	-4.833329	3.25	2.213175	0	
185	N214A	-5.013753	0	2.109008	0	
186	N215	-5.013753	3.25	2.109008	0	
187	N216	-5.013753	-2.333333	2.109008	0	
188	N217A	-5.013753	4.333333	2.109008	0	
189	N218	-3.374999	0	-0.312734	0	
190	N219	-3.374996	3.25	-0.312732	0	
191	N220B	-3.555419	0	-0.416899	0	
192	N221A	-3.555419	3.25	-0.416899	0	
193	N222B	-3.555419	-2.666667	-0.416899	0	
194	N223A	-3.555419	4.333333	-0.416899	0	
195	N231A	4.333332	0	3.0792	0	
196	N232A	4.333332	3.25	3.079196	0	
197	N233A	4.333332	0	3.287531	0	
198	N234A	4.333332	3.25	3.287531	0	
199	N235A	4.333332	-2.333333	3.287531	0	
200	N236A	4.333332	4.541667	3.287531	0	
201	N237A	1.416665	0	3.0792	0	
202	N238A	1.416665	3.25	3.079196	0	
203	N239	1.416665	0	3.287531	0	
204	N240	1.416665	3.25	3.287531	0	
205	N241	1.416665	-2.666667	3.287531	0	
206	N242	1.416665	4.333333	3.287531	0	
207	N243	-2.916668	0	3.0792	0	
208	N244	-2.916668	3.25	3.079196	0	
209	N245	-2.916668	0	3.287531	0	
210	N246	-2.916668	3.25	3.287531	0	
211	N247	-2.916668	-2	3.287531	0	
212	N248	-2.916668	5	3.287531	0	
213	N247A	1.416665	1.625	3.287531	0	
214	N239A	4.125001	0	0.986306	0	
215	N240A	4.124999	3.25	0.986307	0	
216	N241A	4.305421	0	0.882141	0	
217	N242A	4.305421	3.25	0.882141	0	
218	N243A	4.305421	-2	0.882141	0	
219	N244A	4.305421	5	0.882141	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
220	N247B	-1.208333	0	-4.065511	0	
221	N248B	-1.20833	3.25	-4.065509	0	
222	N249A	-1.388753	0	-4.169676	0	
223	N250	-1.388753	3.25	-4.169676	0	
224	N251	-1.388753	-2	-4.169676	0	
225	N252	-1.388753	5	-4.169676	0	
226	N249	-5.632371	1.625	4.406551	0	
227	N250A	-5.632371	3.916667	4.406551	0	
228	N251A	-5.632371	-0.666667	4.406551	0	
229	N252A	-2.916668	1.625	3.287531	0	
230	N252B	-2.916668	3.625	3.287531	0	
231	N253	-2.916668	-0.375	3.287531	0	
232	N254	4.333332	4.291667	3.287531	0	
233	N255	4.333332	3.291667	3.287531	0	
234	N256	4.333332	1.291667	3.287531	0	
235	N257	4.333332	0.829167	3.287531	0	
236	N258	4.333332	-1.795833	3.287531	0	
237	N259	4.333332	-2.379167	3.287531	0	
238	N260	-2.916668	2	3.287531	0	
239	N261	1.416665	2	3.287531	0	
240	N262	-2.916668	-.75	3.287531	0	
241	N263	-2.916668	2.75	3.287531	0	
242	N267	-3.16827	0	1.8292	0	
243	N268	-3.889958	0	0.5792	0	
244	N269	-2.446582	0	3.0792	0	
245	N270	-2.779915	0	2.50185	0	
246	N271	-1.120035	0	1.543517	0	
247	N272	-1.949974	0	2.022683	0	
248	N273	-1.372624	0	1.68935	0	
249	N274	-2.527325	0	2.356016	0	
250	N275	-1.372624	2	1.68935	0	
251	N276	-2.527325	2	2.356016	0	
252	N277	-1.372624	-3	1.68935	0	
253	N278	-2.527325	-3	2.356016	0	
254	N279	-1.372624	1.166667	1.68935	0	
255	N280	-1.372624	0.333333	1.68935	0	
256	N281	-1.372624	-.5	1.68935	0	
257	N282	-1.372624	-1.333333	1.68935	0	
258	N283	-1.372624	-2.166667	1.68935	0	
259	N284	-2.527325	-2.166667	2.356016	0	
260	N285	-2.527325	-1.333333	2.356016	0	
261	N286	-2.527325	-.5	2.356016	0	
262	N287	-2.527325	0.333333	2.356016	0	
263	N288	-2.527325	1.166667	2.356016	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Dual Mount Pipe	PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
3	Mod Support Rail braci...	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
4	FH	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
5	S.O. Hor	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
6	Corner Channel	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074
7	Ladder	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
8	Support Rail	PIPE_2.0	Beam	Single Angle	A53 Gr. B	Typical	1.02	.627	.627	1.25

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
9	Ladder Rungs	SR 0.75	Beam	Single Angle	A36 Gr.36	Typical	.442	.016	.016	.031
10	Crossmember	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
11	Corner Plate	PL3/8x8	Beam	RECT	A36 Gr.36	Typical	3	.035	16	.136
12	Support Rail Corner	L2.5x2.5x3	Beam	RECT	A36 Gr.36	Typical	.901	.535	.535	.011
13	Corner HHS	HSS2X2X4	Beam	SquareTube	A500 Gr. B 42	Typical	1.51	.747	.747	1.31

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N1		180	FH	Beam	Channel	A36 Gr.36	Typical
2	M2	N1	N2		180	FH	Beam	Channel	A36 Gr.36	Typical
3	M3	N2	N7		180	FH	Beam	Channel	A36 Gr.36	Typical
4	M4	N7	N5		180	FH	Beam	Channel	A36 Gr.36	Typical
5	M5	N5	N4		180	FH	Beam	Channel	A36 Gr.36	Typical
6	M6	N4	N3		180	FH	Beam	Channel	A36 Gr.36	Typical
7	M7	N12	N11		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
8	M8	N12A	N11A		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
9	M9	N14	N13		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
10	M13	N25	N26		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M13A	N3	N24			RIGID	None	None	RIGID	Typical
12	M14	N15	N25			RIGID	None	None	RIGID	Typical
13	M15	N20	N26			RIGID	None	None	RIGID	Typical
14	M14A	N25A	N26A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
15	M15A	N2	N24A			RIGID	None	None	RIGID	Typical
16	M16	N22	N25A			RIGID	None	None	RIGID	Typical
17	M17	N23	N26A			RIGID	None	None	RIGID	Typical
18	M18	N32	N33		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
19	M19	N5	N31			RIGID	None	None	RIGID	Typical
20	M20	N29	N32			RIGID	None	None	RIGID	Typical
21	M21	N30	N33			RIGID	None	None	RIGID	Typical
22	M22	N34	N33A		90	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
23	M23	N27	N35		90	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
24	M24	N27A	N37		90	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
25	M74	N112	N110			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
26	M75	N112	N114			RIGID	None	None	RIGID	Typical
27	M77	N110	N118			RIGID	None	None	RIGID	Typical
28	M80	N120	N118A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
29	M81	N120	N122			RIGID	None	None	RIGID	Typical
30	M83	N118A	N124			RIGID	None	None	RIGID	Typical
31	M86	N128	N126			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
32	M87	N128	N130			RIGID	None	None	RIGID	Typical
33	M89	N126	N132			RIGID	None	None	RIGID	Typical
34	MP5A	N165	N169			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
35	MP1A	N166	N170			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
36	M107	N176	N180			RIGID	None	None	RIGID	Typical
37	M108	N174	N179			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
38	MP2C	N182	N181			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
39	MP5C	N187	N191			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
40	MP1C	N188	N192			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
41	MP5B	N209	N213			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
42	MP1B	N210	N214			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
43	M77A	N187A	N58		90	Support Rail	Beam	Single Angle	A53 Gr. B	Typical
44	M77B	N191A	N60		90	Support Rail	Beam	Single Angle	A53 Gr. B	Typical
45	M78	N194A	N193A		90	Support Rail	Beam	Single Angle	A53 Gr. B	Typical
46	M55	N143	N145			RIGID	None	None	RIGID	Typical
47	M56	N142	N144			RIGID	None	None	RIGID	Typical
48	MP3C	N147	N146			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
49	M61	N156	N157		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
50	M62	N15	N156			RIGID	None	None	RIGID	Typical
51	M63	N20	N157			RIGID	None	None	RIGID	Typical
52	M64	N158	N159		270	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
53	M65	N161	N160			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
54	M66	N161	N162			RIGID	None	None	RIGID	Typical
55	M67	N160	N163			RIGID	None	None	RIGID	Typical
56	M68	N165A	N166A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
57	M69	N22	N165A		120	RIGID	None	None	RIGID	Typical
58	M70	N23	N166A		120	RIGID	None	None	RIGID	Typical
59	M71	N167	N168		270	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
60	M72	N170A	N169A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
61	M73	N170A	N171			RIGID	None	None	RIGID	Typical
62	M74A	N169A	N172			RIGID	None	None	RIGID	Typical
63	M75A	N176A	N177		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
64	M76	N29	N176A		240	RIGID	None	None	RIGID	Typical
65	M77C	N30	N177		240	RIGID	None	None	RIGID	Typical
66	M78A	N178	N179A		270	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
67	M79	N181A	N180A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
68	M80A	N181A	N182A			RIGID	None	None	RIGID	Typical
69	M81A	N180A	N183			RIGID	None	None	RIGID	Typical
70	M82	N179B	N180B			RIGID	None	None	RIGID	Typical
71	M83A	N181B	N182B			RIGID	None	None	RIGID	Typical
72	M84	N184	N185			RIGID	None	None	RIGID	Typical
73	M85	N186	N187B			RIGID	None	None	RIGID	Typical
74	M86A	N189	N190			RIGID	None	None	RIGID	Typical
75	M87A	N191B	N192A			RIGID	None	None	RIGID	Typical
76	M88	N182B	N190		180	Support Rail C...	Beam	RECT	A36 Gr.36	Typical
77	M89A	N187B	N180B		180	Support Rail C...	Beam	RECT	A36 Gr.36	Typical
78	M90	N192A	N185		180	Support Rail C...	Beam	RECT	A36 Gr.36	Typical
79	M99	N200A	N195			RIGID	None	None	RIGID	Typical
80	M100	N203	N202			RIGID	None	None	RIGID	Typical
81	M101	N205	N204		240	RIGID	None	None	RIGID	Typical
82	M102	N207	N206		240	RIGID	None	None	RIGID	Typical
83	M103	N210A	N209A		120	RIGID	None	None	RIGID	Typical
84	M104	N212	N211		120	RIGID	None	None	RIGID	Typical
85	M105	N200A	N212			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
86	OVP	N205	N203			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
87	M119	N210A	N207			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
88	M120	N213A	N215			RIGID	None	None	RIGID	Typical
89	M121	N212A	N214A			RIGID	None	None	RIGID	Typical
90	MP2B	N217A	N216		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
91	M123	N219	N221A			RIGID	None	None	RIGID	Typical
92	M124	N218	N220B			RIGID	None	None	RIGID	Typical
93	MP3B	N223A	N222B		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
94	M129A	N232A	N234A			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
95	M130A	N231A	N233A			RIGID	None	None	RIGID	Typical
96	MP2A	N236A	N235A		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
97	M132A	N238A	N240			RIGID	None	None	RIGID	Typical
98	LLIVE1	N237A	N239			RIGID	None	None	RIGID	Typical
99	MP3A	N242	N241		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
100	M135A	N244	N246			RIGID	None	None	RIGID	Typical
101	LIVE2	N243	N245			RIGID	None	None	RIGID	Typical
102	MP4A	N248	N247		120	Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
103	M132B	N240A	N242A			RIGID	None	None	RIGID	Typical
104	M133B	N239A	N241A			RIGID	None	None	RIGID	Typical
105	MP4C	N244A	N243A			Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
106	M135B	N248B	N250			RIGID	None	None	RIGID	Typical
107	M136A	N247B	N249A			RIGID	None	None	RIGID	Typical
108	MP4B	N252	N251		240	Dual Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
109	M139	N269	N268		180	S.O. Hor	Beam	Channel	A36 Gr.36	Typical
110	M140	N270	N271			Ladder	Beam	Single Angle	A36 Gr.36	Typical
111	M141	N275	N277		330	Ladder	Beam	Single Angle	A36 Gr.36	Typical
112	M142	N278	N276		210	Ladder	Beam	Single Angle	A36 Gr.36	Typical
113	M143	N279	N288			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
114	M144	N287	N280			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
115	M145	N281	N286			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
116	M146	N285	N282			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
117	M147	N283	N284			Ladder Rungs	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	M1						Yes				None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes				None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes				None
10	M13						Yes				None
11	M13A						Yes	** NA **			None
12	M14						Yes	** NA **			None
13	M15						Yes	** NA **			None
14	M14A						Yes				None
15	M15A						Yes	** NA **			None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes				None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21						Yes	** NA **			None
22	M22						Yes				None
23	M23						Yes				None
24	M24						Yes				None
25	M74						Yes				None
26	M75	OOOOOX					Yes	** NA **			None
27	M77	OOOOOX					Yes	** NA **			None
28	M80						Yes				None
29	M81	OOOOOX					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...
30	M83	OOOOOX					Yes	** NA **			None
31	M86						Yes				None
32	M87	OOOOOX					Yes	** NA **			None
33	M89	OOOOOX					Yes	** NA **			None
34	MP5A						Yes				None
35	MP1A						Yes				None
36	M107						Yes	** NA **			None
37	M108						Yes	** NA **			None
38	MP2C						Yes				None
39	MP5C						Yes				None
40	MP1C						Yes				None
41	MP5B						Yes				None
42	MP1B						Yes				None
43	M77A						Yes				None
44	M77B						Yes				None
45	M78						Yes				None
46	M55						Yes	** NA **			None
47	M56						Yes	** NA **			None
48	MP3C						Yes				None
49	M61						Yes				None
50	M62						Yes	** NA **			None
51	M63						Yes	** NA **			None
52	M64						Yes				None
53	M65						Yes				None
54	M66	OOOOOX					Yes	** NA **			None
55	M67	OOOOOX					Yes	** NA **			None
56	M68						Yes				None
57	M69						Yes	** NA **			None
58	M70						Yes	** NA **			None
59	M71						Yes				None
60	M72						Yes				None
61	M73	OOOOOX					Yes	** NA **			None
62	M74A	OOOOOX					Yes	** NA **			None
63	M75A						Yes				None
64	M76						Yes	** NA **			None
65	M77C						Yes	** NA **			None
66	M78A						Yes				None
67	M79						Yes				None
68	M80A	OOOOOX					Yes	** NA **			None
69	M81A	OOOOOX					Yes	** NA **			None
70	M82	OOOOOX					Yes	** NA **			None
71	M83A	OOOOOX					Yes	** NA **			None
72	M84	OOOOOX					Yes	** NA **			None
73	M85	OOOOOX					Yes	** NA **			None
74	M86A	OOOOOX					Yes	** NA **			None
75	M87A	OOOOOX					Yes	** NA **			None
76	M88						Yes	Default			None
77	M89A						Yes	Default			None
78	M90						Yes	Default			None
79	M99						Yes	** NA **			None
80	M100						Yes	** NA **			None
81	M101						Yes	** NA **			None
82	M102						Yes	** NA **			None
83	M103						Yes	** NA **			None
84	M104						Yes	** NA **			None
85	M105	BenPIN	BenPIN				Yes				None
86	OVP	BenPIN	BenPIN				Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
87	M119	BenPIN	BenPIN				Yes				None
88	M120						Yes	** NA **			None
89	M121						Yes	** NA **			None
90	MP2B						Yes				None
91	M123						Yes	** NA **			None
92	M124						Yes	** NA **			None
93	MP3B						Yes				None
94	M129A						Yes	** NA **			None
95	M130A						Yes	** NA **			None
96	MP2A						Yes				None
97	M132A						Yes	** NA **			None
98	LLIVE1						Yes	** NA **			None
99	MP3A						Yes				None
100	M135A						Yes	** NA **			None
101	LIVE2						Yes	** NA **			None
102	MP4A						Yes				None
103	M132B						Yes	** NA **			None
104	M133B						Yes	** NA **			None
105	MP4C						Yes				None
106	M135B						Yes	** NA **			None
107	M136A						Yes	** NA **			None
108	MP4B						Yes				None
109	M139					Euler Buc...	Yes				None
110	M140						Yes				None
111	M141						Yes				None
112	M142						Yes				None
113	M143	BenPIN	BenPIN				Yes				None
114	M144	BenPIN	BenPIN				Yes				None
115	M145	BenPIN	BenPIN				Yes				None
116	M146	BenPIN	BenPIN				Yes				None
117	M147	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-43.55	.25
2	MP3A	My	-.022	.25
3	MP3A	Mz	0	.25
4	MP3A	Y	-43.55	3.25
5	MP3A	My	-.022	3.25
6	MP3A	Mz	0	3.25
7	MP3B	Y	-43.55	.25
8	MP3B	My	.014	.25
9	MP3B	Mz	-.017	.25
10	MP3B	Y	-43.55	3.25
11	MP3B	My	.014	3.25
12	MP3B	Mz	-.017	3.25
13	MP3C	Y	-43.55	.25
14	MP3C	My	.011	.25
15	MP3C	Mz	.019	.25
16	MP3C	Y	-43.55	3.25
17	MP3C	My	.011	3.25
18	MP3C	Mz	.019	3.25
19	MP1A	Y	-10.5	.42
20	MP1A	My	-.008	.42
21	MP1A	Mz	0	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	Y	-10.5	5
23	MP1A	My	-.008	5
24	MP1A	Mz	0	5
25	MP1B	Y	-10.5	.42
26	MP1B	My	.005	.42
27	MP1B	Mz	-.006	.42
28	MP1B	Y	-10.5	5
29	MP1B	My	.005	5
30	MP1B	Mz	-.006	5
31	MP1C	Y	-10.5	.42
32	MP1C	My	.004	.42
33	MP1C	Mz	.007	.42
34	MP1C	Y	-10.5	5
35	MP1C	My	.004	5
36	MP1C	Mz	.007	5
37	MP5A	Y	-10.5	.42
38	MP5A	My	-.008	.42
39	MP5A	Mz	0	.42
40	MP5A	Y	-10.5	5
41	MP5A	My	-.008	5
42	MP5A	Mz	0	5
43	MP5B	Y	-10.5	.42
44	MP5B	My	.005	.42
45	MP5B	Mz	-.006	.42
46	MP5B	Y	-10.5	5
47	MP5B	My	.005	5
48	MP5B	Mz	-.006	5
49	MP5C	Y	-10.5	.42
50	MP5C	My	.004	.42
51	MP5C	Mz	.007	.42
52	MP5C	Y	-10.5	5
53	MP5C	My	.004	5
54	MP5C	Mz	.007	5
55	MP2A	Y	-23.2	2
56	MP2A	My	-.017	2
57	MP2A	Mz	0	2
58	MP2B	Y	-23.2	2
59	MP2B	My	.011	2
60	MP2B	Mz	-.013	2
61	MP2C	Y	-23.2	2
62	MP2C	My	.009	2
63	MP2C	Mz	.015	2
64	MP3A	Y	-84.4	2.33
65	MP3A	My	.07	2.33
66	MP3A	Mz	0	2.33
67	MP3B	Y	-84.4	2.33
68	MP3B	My	-.045	2.33
69	MP3B	Mz	.054	2.33
70	MP3C	Y	-84.4	2.33
71	MP3C	My	-.035	2.33
72	MP3C	Mz	-.061	2.33
73	MP4A	Y	-70.3	2
74	MP4A	My	.059	2
75	MP4A	Mz	.047	2
76	MP4B	Y	-70.3	2
77	MP4B	My	-.038	2
78	MP4B	Mz	.045	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4C	Y	-70.3	2
80	MP4C	My	-.029	2
81	MP4C	Mz	-.051	2
82	OVP	Y	-26.9	2.33
83	OVP	My	-.009	2.33
84	OVP	Mz	.01	2.33
85	MP3A	Y	-10.4	4.75
86	MP3A	My	.004	4.75
87	MP3A	Mz	0	4.75
88	MP3B	Y	-10.4	4.75
89	MP3B	My	-.003	4.75
90	MP3B	Mz	.003	4.75
91	MP3C	Y	-10.4	4.75
92	MP3C	My	-.002	4.75
93	MP3C	Mz	-.004	4.75
94	MP4C	Y	-10.4	4.75
95	MP4C	My	-.002	4.75
96	MP4C	Mz	-.004	4.75
97	MP4A	Y	-10.4	4.75
98	MP4A	My	.004	4.75
99	MP4A	Mz	0	4.75
100	MP4B	Y	-10.4	4.75
101	MP4B	My	-.003	4.75
102	MP4B	Mz	.003	4.75
103	MP4A	Y	-49	.38
104	MP4A	My	-.053	.38
105	MP4A	Mz	.033	.38
106	MP4A	Y	-49	4.38
107	MP4A	My	-.053	4.38
108	MP4A	Mz	.033	4.38
109	MP4B	Y	-49	.38
110	MP4B	My	.009	.38
111	MP4B	Mz	-.062	.38
112	MP4B	Y	-49	4.38
113	MP4B	My	.009	4.38
114	MP4B	Mz	-.062	4.38
115	MP4C	Y	-49	.38
116	MP4C	My	.055	.38
117	MP4C	Mz	.03	.38
118	MP4C	Y	-49	4.38
119	MP4C	My	.055	4.38
120	MP4C	Mz	.03	4.38
121	MP4A	Y	-49	.38
122	MP4A	My	-.053	.38
123	MP4A	Mz	-.033	.38
124	MP4A	Y	-49	4.38
125	MP4A	My	-.053	4.38
126	MP4A	Mz	-.033	4.38
127	MP4B	Y	-49	.38
128	MP4B	My	.059	.38
129	MP4B	Mz	-.02	.38
130	MP4B	Y	-49	4.38
131	MP4B	My	.059	4.38
132	MP4B	Mz	-.02	4.38
133	MP4C	Y	-49	.38
134	MP4C	My	-.002	.38
135	MP4C	Mz	.062	.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
136	MP4C	Y	-49	4.38
137	MP4C	My	-.002	4.38
138	MP4C	Mz	.062	4.38
139	MP4A	Y	-17.6	.25
140	MP4A	My	.004	.25
141	MP4A	Mz	0	.25
142	MP4B	Y	-17.6	.25
143	MP4B	My	-.002	.25
144	MP4B	Mz	.004	.25
145	MP4A	Y	-17.6	.25
146	MP4A	My	.004	.25
147	MP4A	Mz	0	.25
148	MP4B	Y	-17.6	.25
149	MP4B	My	-.002	.25
150	MP4B	Mz	.004	.25

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-36.79	.25
2	MP3A	My	-.018	.25
3	MP3A	Mz	0	.25
4	MP3A	Y	-36.79	3.25
5	MP3A	My	-.018	3.25
6	MP3A	Mz	0	3.25
7	MP3B	Y	-36.79	.25
8	MP3B	My	.012	.25
9	MP3B	Mz	-.014	.25
10	MP3B	Y	-36.79	3.25
11	MP3B	My	.012	3.25
12	MP3B	Mz	-.014	3.25
13	MP3C	Y	-36.79	.25
14	MP3C	My	.009	.25
15	MP3C	Mz	.016	.25
16	MP3C	Y	-36.79	3.25
17	MP3C	My	.009	3.25
18	MP3C	Mz	.016	3.25
19	MP1A	Y	-61.178	.42
20	MP1A	My	-.046	.42
21	MP1A	Mz	0	.42
22	MP1A	Y	-61.178	5
23	MP1A	My	-.046	5
24	MP1A	Mz	0	5
25	MP1B	Y	-61.178	.42
26	MP1B	My	.029	.42
27	MP1B	Mz	-.035	.42
28	MP1B	Y	-61.178	5
29	MP1B	My	.029	5
30	MP1B	Mz	-.035	5
31	MP1C	Y	-61.178	.42
32	MP1C	My	.023	.42
33	MP1C	Mz	.04	.42
34	MP1C	Y	-61.178	5
35	MP1C	My	.023	5
36	MP1C	Mz	.04	5
37	MP5A	Y	-61.178	.42
38	MP5A	My	-.046	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP5A	Mz	0	.42
40	MP5A	Y	-61.178	5
41	MP5A	My	-.046	5
42	MP5A	Mz	0	5
43	MP5B	Y	-61.178	.42
44	MP5B	My	.029	.42
45	MP5B	Mz	-.035	.42
46	MP5B	Y	-61.178	5
47	MP5B	My	.029	5
48	MP5B	Mz	-.035	5
49	MP5C	Y	-61.178	.42
50	MP5C	My	.023	.42
51	MP5C	Mz	.04	.42
52	MP5C	Y	-61.178	5
53	MP5C	My	.023	5
54	MP5C	Mz	.04	5
55	MP2A	Y	-30.897	2
56	MP2A	My	-.023	2
57	MP2A	Mz	0	2
58	MP2B	Y	-30.897	2
59	MP2B	My	.015	2
60	MP2B	Mz	-.018	2
61	MP2C	Y	-30.897	2
62	MP2C	My	.012	2
63	MP2C	Mz	.02	2
64	MP3A	Y	-46.406	2.33
65	MP3A	My	.039	2.33
66	MP3A	Mz	0	2.33
67	MP3B	Y	-46.406	2.33
68	MP3B	My	-.025	2.33
69	MP3B	Mz	.03	2.33
70	MP3C	Y	-46.406	2.33
71	MP3C	My	-.019	2.33
72	MP3C	Mz	-.033	2.33
73	MP4A	Y	-41.744	2
74	MP4A	My	.035	2
75	MP4A	Mz	.028	2
76	MP4B	Y	-41.744	2
77	MP4B	My	-.022	2
78	MP4B	Mz	.027	2
79	MP4C	Y	-41.744	2
80	MP4C	My	-.017	2
81	MP4C	Mz	-.03	2
82	OVP	Y	-57.123	2.33
83	OVP	My	-.018	2.33
84	OVP	Mz	.022	2.33
85	MP3A	Y	-11.146	4.75
86	MP3A	My	.005	4.75
87	MP3A	Mz	0	4.75
88	MP3B	Y	-11.146	4.75
89	MP3B	My	-.003	4.75
90	MP3B	Mz	.004	4.75
91	MP3C	Y	-11.146	4.75
92	MP3C	My	-.002	4.75
93	MP3C	Mz	-.004	4.75
94	MP4C	Y	-11.146	4.75
95	MP4C	My	-.002	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
96	MP4C	Mz	-.004	4.75
97	MP4A	Y	-11.146	4.75
98	MP4A	My	.005	4.75
99	MP4A	Mz	0	4.75
100	MP4B	Y	-11.146	4.75
101	MP4B	My	-.003	4.75
102	MP4B	Mz	.004	4.75
103	MP4A	Y	-92.843	.38
104	MP4A	My	-.101	.38
105	MP4A	Mz	.062	.38
106	MP4A	Y	-92.843	4.38
107	MP4A	My	-.101	4.38
108	MP4A	Mz	.062	4.38
109	MP4B	Y	-92.843	.38
110	MP4B	My	.017	.38
111	MP4B	Mz	-.117	.38
112	MP4B	Y	-92.843	4.38
113	MP4B	My	.017	4.38
114	MP4B	Mz	-.117	4.38
115	MP4C	Y	-92.843	.38
116	MP4C	My	.104	.38
117	MP4C	Mz	.056	.38
118	MP4C	Y	-92.843	4.38
119	MP4C	My	.104	4.38
120	MP4C	Mz	.056	4.38
121	MP4A	Y	-92.843	.38
122	MP4A	My	-.101	.38
123	MP4A	Mz	-.062	.38
124	MP4A	Y	-92.843	4.38
125	MP4A	My	-.101	4.38
126	MP4A	Mz	-.062	4.38
127	MP4B	Y	-92.843	.38
128	MP4B	My	.112	.38
129	MP4B	Mz	-.037	.38
130	MP4B	Y	-92.843	4.38
131	MP4B	My	.112	4.38
132	MP4B	Mz	-.037	4.38
133	MP4C	Y	-92.843	.38
134	MP4C	My	-.003	.38
135	MP4C	Mz	.118	.38
136	MP4C	Y	-92.843	4.38
137	MP4C	My	-.003	4.38
138	MP4C	Mz	.118	4.38
139	MP4A	Y	-17.973	.25
140	MP4A	My	.004	.25
141	MP4A	Mz	0	.25
142	MP4B	Y	-17.973	.25
143	MP4B	My	-.002	.25
144	MP4B	Mz	.004	.25
145	MP4A	Y	-17.973	.25
146	MP4A	My	.004	.25
147	MP4A	Mz	0	.25
148	MP4B	Y	-17.973	.25
149	MP4B	My	-.002	.25
150	MP4B	Mz	.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	-87.916	.25
3	MP3A	Mx	0	.25
4	MP3A	X	0	3.25
5	MP3A	Z	-87.916	3.25
6	MP3A	Mx	0	3.25
7	MP3B	X	0	.25
8	MP3B	Z	-54.092	.25
9	MP3B	Mx	.021	.25
10	MP3B	X	0	3.25
11	MP3B	Z	-54.092	3.25
12	MP3B	Mx	.021	3.25
13	MP3C	X	0	.25
14	MP3C	Z	-44.687	.25
15	MP3C	Mx	-.019	.25
16	MP3C	X	0	3.25
17	MP3C	Z	-44.687	3.25
18	MP3C	Mx	-.019	3.25
19	MP1A	X	0	.42
20	MP1A	Z	-158.114	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	-158.114	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	-146.379	.42
27	MP1B	Mx	.084	.42
28	MP1B	X	0	5
29	MP1B	Z	-146.379	5
30	MP1B	Mx	.084	5
31	MP1C	X	0	.42
32	MP1C	Z	-143.116	.42
33	MP1C	Mx	-.093	.42
34	MP1C	X	0	5
35	MP1C	Z	-143.116	5
36	MP1C	Mx	-.093	5
37	MP5A	X	0	.42
38	MP5A	Z	-158.114	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	-158.114	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	-146.379	.42
45	MP5B	Mx	.084	.42
46	MP5B	X	0	5
47	MP5B	Z	-146.379	5
48	MP5B	Mx	.084	5
49	MP5C	X	0	.42
50	MP5C	Z	-143.116	.42
51	MP5C	Mx	-.093	.42
52	MP5C	X	0	5
53	MP5C	Z	-143.116	5
54	MP5C	Mx	-.093	5
55	MP2A	X	0	2
56	MP2A	Z	-68.628	2
57	MP2A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	0	2
59	MP2B	Z	-48.222	2
60	MP2B	Mx	.028	2
61	MP2C	X	0	2
62	MP2C	Z	-42.548	2
63	MP2C	Mx	-.028	2
64	MP3A	X	0	2.33
65	MP3A	Z	-69.525	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	-56.101	2.33
69	MP3B	Mx	-.036	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	-52.368	2.33
72	MP3C	Mx	.038	2.33
73	MP4A	X	0	2
74	MP4A	Z	-69.525	2
75	MP4A	Mx	-.046	2
76	MP4B	X	0	2
77	MP4B	Z	-51.1	2
78	MP4B	Mx	-.033	2
79	MP4C	X	0	2
80	MP4C	Z	-45.976	2
81	MP4C	Mx	.033	2
82	OVP	X	0	2.33
83	OVP	Z	-89.066	2.33
84	OVP	Mx	-.034	2.33
85	MP3A	X	0	4.75
86	MP3A	Z	-16.596	4.75
87	MP3A	Mx	0	4.75
88	MP3B	X	0	4.75
89	MP3B	Z	-13.596	4.75
90	MP3B	Mx	-.004	4.75
91	MP3C	X	0	4.75
92	MP3C	Z	-12.761	4.75
93	MP3C	Mx	.005	4.75
94	MP4C	X	0	4.75
95	MP4C	Z	-12.761	4.75
96	MP4C	Mx	.005	4.75
97	MP4A	X	0	4.75
98	MP4A	Z	-16.596	4.75
99	MP4A	Mx	0	4.75
100	MP4B	X	0	4.75
101	MP4B	Z	-13.596	4.75
102	MP4B	Mx	-.004	4.75
103	MP4A	X	0	.38
104	MP4A	Z	-257.244	.38
105	MP4A	Mx	-.171	.38
106	MP4A	X	0	4.38
107	MP4A	Z	-257.244	4.38
108	MP4A	Mx	-.171	4.38
109	MP4B	X	0	.38
110	MP4B	Z	-232.632	.38
111	MP4B	Mx	.293	.38
112	MP4B	X	0	4.38
113	MP4B	Z	-232.632	4.38
114	MP4B	Mx	.293	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	0	.38
116	MP4C	Z	-225.789	.38
117	MP4C	Mx	-.137	.38
118	MP4C	X	0	4.38
119	MP4C	Z	-225.789	4.38
120	MP4C	Mx	-.137	4.38
121	MP4A	X	0	.38
122	MP4A	Z	-257.244	.38
123	MP4A	Mx	.171	.38
124	MP4A	X	0	4.38
125	MP4A	Z	-257.244	4.38
126	MP4A	Mx	.171	4.38
127	MP4B	X	0	.38
128	MP4B	Z	-232.632	.38
129	MP4B	Mx	.093	.38
130	MP4B	X	0	4.38
131	MP4B	Z	-232.632	4.38
132	MP4B	Mx	.093	4.38
133	MP4C	X	0	.38
134	MP4C	Z	-225.789	.38
135	MP4C	Mx	-.287	.38
136	MP4C	X	0	4.38
137	MP4C	Z	-225.789	4.38
138	MP4C	Mx	-.287	4.38
139	MP4A	X	0	.25
140	MP4A	Z	-43.061	.25
141	MP4A	Mx	0	.25
142	MP4B	X	0	.25
143	MP4B	Z	-20.561	.25
144	MP4B	Mx	-.004	.25
145	MP4A	X	0	.25
146	MP4A	Z	-43.061	.25
147	MP4A	Mx	0	.25
148	MP4B	X	0	.25
149	MP4B	Z	-20.561	.25
150	MP4B	Mx	-.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	36.753	.25
2	MP3A	Z	-63.658	.25
3	MP3A	Mx	-.018	.25
4	MP3A	X	36.753	3.25
5	MP3A	Z	-63.658	3.25
6	MP3A	Mx	-.018	3.25
7	MP3B	X	16.008	.25
8	MP3B	Z	-27.726	.25
9	MP3B	Mx	.016	.25
10	MP3B	X	16.008	3.25
11	MP3B	Z	-27.726	3.25
12	MP3B	Mx	.016	3.25
13	MP3C	X	36.753	.25
14	MP3C	Z	-63.658	.25
15	MP3C	Mx	-.018	.25
16	MP3C	X	36.753	3.25
17	MP3C	Z	-63.658	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.018	3.25
19	MP1A	X	76.557	.42
20	MP1A	Z	-132.601	.42
21	MP1A	Mx	-.057	.42
22	MP1A	X	76.557	5
23	MP1A	Z	-132.601	5
24	MP1A	Mx	-.057	5
25	MP1B	X	69.36	.42
26	MP1B	Z	-120.134	.42
27	MP1B	Mx	.102	.42
28	MP1B	X	69.36	5
29	MP1B	Z	-120.134	5
30	MP1B	Mx	.102	5
31	MP1C	X	76.557	.42
32	MP1C	Z	-132.601	.42
33	MP1C	Mx	-.057	.42
34	MP1C	X	76.557	5
35	MP1C	Z	-132.601	5
36	MP1C	Mx	-.057	5
37	MP5A	X	76.557	.42
38	MP5A	Z	-132.601	.42
39	MP5A	Mx	-.057	.42
40	MP5A	X	76.557	5
41	MP5A	Z	-132.601	5
42	MP5A	Mx	-.057	5
43	MP5B	X	69.36	.42
44	MP5B	Z	-120.134	.42
45	MP5B	Mx	.102	.42
46	MP5B	X	69.36	5
47	MP5B	Z	-120.134	5
48	MP5B	Mx	.102	5
49	MP5C	X	76.557	.42
50	MP5C	Z	-132.601	.42
51	MP5C	Mx	-.057	.42
52	MP5C	X	76.557	5
53	MP5C	Z	-132.601	5
54	MP5C	Mx	-.057	5
55	MP2A	X	29.967	2
56	MP2A	Z	-51.905	2
57	MP2A	Mx	-.022	2
58	MP2B	X	17.451	2
59	MP2B	Z	-30.227	2
60	MP2B	Mx	.026	2
61	MP2C	X	29.967	2
62	MP2C	Z	-51.905	2
63	MP2C	Mx	-.022	2
64	MP3A	X	31.903	2.33
65	MP3A	Z	-55.258	2.33
66	MP3A	Mx	.027	2.33
67	MP3B	X	23.67	2.33
68	MP3B	Z	-40.997	2.33
69	MP3B	Mx	-.039	2.33
70	MP3C	X	31.903	2.33
71	MP3C	Z	-55.258	2.33
72	MP3C	Mx	.027	2.33
73	MP4A	X	30.838	2
74	MP4A	Z	-53.413	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	-.01	2
76	MP4B	X	19.537	2
77	MP4B	Z	-33.839	2
78	MP4B	Mx	-.032	2
79	MP4C	X	30.838	2
80	MP4C	Z	-53.413	2
81	MP4C	Mx	.026	2
82	OVP	X	37.004	2.33
83	OVP	Z	-64.092	2.33
84	OVP	Mx	-.036	2.33
85	MP3A	X	7.659	4.75
86	MP3A	Z	-13.266	4.75
87	MP3A	Mx	.003	4.75
88	MP3B	X	5.819	4.75
89	MP3B	Z	-10.078	4.75
90	MP3B	Mx	-.005	4.75
91	MP3C	X	7.659	4.75
92	MP3C	Z	-13.266	4.75
93	MP3C	Mx	.003	4.75
94	MP4C	X	7.659	4.75
95	MP4C	Z	-13.266	4.75
96	MP4C	Mx	.003	4.75
97	MP4A	X	7.659	4.75
98	MP4A	Z	-13.266	4.75
99	MP4A	Mx	.003	4.75
100	MP4B	X	5.819	4.75
101	MP4B	Z	-10.078	4.75
102	MP4B	Mx	-.005	4.75
103	MP4A	X	123.379	.38
104	MP4A	Z	-213.699	.38
105	MP4A	Mx	-.276	.38
106	MP4A	X	123.379	4.38
107	MP4A	Z	-213.699	4.38
108	MP4A	Mx	-.276	4.38
109	MP4B	X	108.284	.38
110	MP4B	Z	-187.554	.38
111	MP4B	Mx	.256	.38
112	MP4B	X	108.284	4.38
113	MP4B	Z	-187.554	4.38
114	MP4B	Mx	.256	4.38
115	MP4C	X	123.379	.38
116	MP4C	Z	-213.699	.38
117	MP4C	Mx	.009	.38
118	MP4C	X	123.379	4.38
119	MP4C	Z	-213.699	4.38
120	MP4C	Mx	.009	4.38
121	MP4A	X	123.379	.38
122	MP4A	Z	-213.699	.38
123	MP4A	Mx	.009	.38
124	MP4A	X	123.379	4.38
125	MP4A	Z	-213.699	4.38
126	MP4A	Mx	.009	4.38
127	MP4B	X	108.284	.38
128	MP4B	Z	-187.554	.38
129	MP4B	Mx	.206	.38
130	MP4B	X	108.284	4.38
131	MP4B	Z	-187.554	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	MP4B	Mx	.206	4.38
133	MP4C	X	123.379	.38
134	MP4C	Z	-213.699	.38
135	MP4C	Mx	-.276	.38
136	MP4C	X	123.379	4.38
137	MP4C	Z	-213.699	4.38
138	MP4C	Mx	-.276	4.38
139	MP4A	X	17.78	.25
140	MP4A	Z	-30.797	.25
141	MP4A	Mx	.004	.25
142	MP4B	X	6.53	.25
143	MP4B	Z	-11.311	.25
144	MP4B	Mx	-.003	.25
145	MP4A	X	17.78	.25
146	MP4A	Z	-30.797	.25
147	MP4A	Mx	.004	.25
148	MP4B	X	6.53	.25
149	MP4B	Z	-11.311	.25
150	MP4B	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	38.7	.25
2	MP3A	Z	-22.343	.25
3	MP3A	Mx	-.019	.25
4	MP3A	X	38.7	3.25
5	MP3A	Z	-22.343	3.25
6	MP3A	Mx	-.019	3.25
7	MP3B	X	32.06	.25
8	MP3B	Z	-18.51	.25
9	MP3B	Mx	.017	.25
10	MP3B	X	32.06	3.25
11	MP3B	Z	-18.51	3.25
12	MP3B	Mx	.017	3.25
13	MP3C	X	76.137	.25
14	MP3C	Z	-43.958	.25
15	MP3C	Mx	0	.25
16	MP3C	X	76.137	3.25
17	MP3C	Z	-43.958	3.25
18	MP3C	Mx	0	3.25
19	MP1A	X	123.942	.42
20	MP1A	Z	-71.558	.42
21	MP1A	Mx	-.093	.42
22	MP1A	X	123.942	5
23	MP1A	Z	-71.558	5
24	MP1A	Mx	-.093	5
25	MP1B	X	121.638	.42
26	MP1B	Z	-70.228	.42
27	MP1B	Mx	.099	.42
28	MP1B	X	121.638	5
29	MP1B	Z	-70.228	5
30	MP1B	Mx	.099	5
31	MP1C	X	136.931	.42
32	MP1C	Z	-79.057	.42
33	MP1C	Mx	0	.42
34	MP1C	X	136.931	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP1C	Z	-79.057	5
36	MP1C	Mx	0	5
37	MP5A	X	123.942	.42
38	MP5A	Z	-71.558	.42
39	MP5A	Mx	-.093	.42
40	MP5A	X	123.942	5
41	MP5A	Z	-71.558	5
42	MP5A	Mx	-.093	5
43	MP5B	X	121.638	.42
44	MP5B	Z	-70.228	.42
45	MP5B	Mx	.099	.42
46	MP5B	X	121.638	5
47	MP5B	Z	-70.228	5
48	MP5B	Mx	.099	5
49	MP5C	X	136.931	.42
50	MP5C	Z	-79.057	.42
51	MP5C	Mx	0	.42
52	MP5C	X	136.931	5
53	MP5C	Z	-79.057	5
54	MP5C	Mx	0	5
55	MP2A	X	36.847	2
56	MP2A	Z	-21.274	2
57	MP2A	Mx	-.028	2
58	MP2B	X	32.841	2
59	MP2B	Z	-18.961	2
60	MP2B	Mx	.027	2
61	MP2C	X	59.434	2
62	MP2C	Z	-34.314	2
63	MP2C	Mx	0	2
64	MP3A	X	45.352	2.33
65	MP3A	Z	-26.184	2.33
66	MP3A	Mx	.038	2.33
67	MP3B	X	42.717	2.33
68	MP3B	Z	-24.663	2.33
69	MP3B	Mx	-.039	2.33
70	MP3C	X	60.211	2.33
71	MP3C	Z	-34.763	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	39.817	2
74	MP4A	Z	-22.988	2
75	MP4A	Mx	.018	2
76	MP4B	X	36.2	2
77	MP4B	Z	-20.9	2
78	MP4B	Mx	-.033	2
79	MP4C	X	60.211	2
80	MP4C	Z	-34.763	2
81	MP4C	Mx	0	2
82	OVP	X	67.049	2.33
83	OVP	Z	-38.711	2.33
84	OVP	Mx	-.036	2.33
85	MP3A	X	11.052	4.75
86	MP3A	Z	-6.381	4.75
87	MP3A	Mx	.005	4.75
88	MP3B	X	10.462	4.75
89	MP3B	Z	-6.041	4.75
90	MP3B	Mx	-.005	4.75
91	MP3C	X	14.373	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3C	Z	-8.298	4.75
93	MP3C	Mx	0	4.75
94	MP4C	X	14.373	4.75
95	MP4C	Z	-8.298	4.75
96	MP4C	Mx	0	4.75
97	MP4A	X	11.052	4.75
98	MP4A	Z	-6.381	4.75
99	MP4A	Mx	.005	4.75
100	MP4B	X	10.462	4.75
101	MP4B	Z	-6.041	4.75
102	MP4B	Mx	-.005	4.75
103	MP4A	X	195.539	.38
104	MP4A	Z	-112.894	.38
105	MP4A	Mx	-.287	.38
106	MP4A	X	195.539	4.38
107	MP4A	Z	-112.894	4.38
108	MP4A	Mx	-.287	4.38
109	MP4B	X	190.708	.38
110	MP4B	Z	-110.105	.38
111	MP4B	Mx	.174	.38
112	MP4B	X	190.708	4.38
113	MP4B	Z	-110.105	4.38
114	MP4B	Mx	.174	4.38
115	MP4C	X	222.779	.38
116	MP4C	Z	-128.622	.38
117	MP4C	Mx	.171	.38
118	MP4C	X	222.779	4.38
119	MP4C	Z	-128.622	4.38
120	MP4C	Mx	.171	4.38
121	MP4A	X	195.539	.38
122	MP4A	Z	-112.894	.38
123	MP4A	Mx	-.137	.38
124	MP4A	X	195.539	4.38
125	MP4A	Z	-112.894	4.38
126	MP4A	Mx	-.137	4.38
127	MP4B	X	190.708	.38
128	MP4B	Z	-110.105	.38
129	MP4B	Mx	.274	.38
130	MP4B	X	190.708	4.38
131	MP4B	Z	-110.105	4.38
132	MP4B	Mx	.274	4.38
133	MP4C	X	222.779	.38
134	MP4C	Z	-128.622	.38
135	MP4C	Mx	-.171	.38
136	MP4C	X	222.779	4.38
137	MP4C	Z	-128.622	4.38
138	MP4C	Mx	-.171	4.38
139	MP4A	X	17.806	.25
140	MP4A	Z	-10.28	.25
141	MP4A	Mx	.004	.25
142	MP4B	X	17.806	.25
143	MP4B	Z	-10.28	.25
144	MP4B	Mx	-.004	.25
145	MP4A	X	17.806	.25
146	MP4A	Z	-10.28	.25
147	MP4A	Mx	.004	.25
148	MP4B	X	17.806	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
149	MP4B	Z	-10.28	.25
150	MP4B	Mx	-.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	30.277	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	-.015	.25
4	MP3A	X	30.277	3.25
5	MP3A	Z	0	3.25
6	MP3A	Mx	-.015	3.25
7	MP3B	X	64.101	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	.021	.25
10	MP3B	X	64.101	3.25
11	MP3B	Z	0	3.25
12	MP3B	Mx	.021	3.25
13	MP3C	X	73.506	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	.018	.25
16	MP3C	X	73.506	3.25
17	MP3C	Z	0	3.25
18	MP3C	Mx	.018	3.25
19	MP1A	X	138.116	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	-.104	.42
22	MP1A	X	138.116	5
23	MP1A	Z	0	5
24	MP1A	Mx	-.104	5
25	MP1B	X	149.851	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	.072	.42
28	MP1B	X	149.851	5
29	MP1B	Z	0	5
30	MP1B	Mx	.072	5
31	MP1C	X	153.114	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	.057	.42
34	MP1C	X	153.114	5
35	MP1C	Z	0	5
36	MP1C	Mx	.057	5
37	MP5A	X	138.116	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	-.104	.42
40	MP5A	X	138.116	5
41	MP5A	Z	0	5
42	MP5A	Mx	-.104	5
43	MP5B	X	149.851	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	.072	.42
46	MP5B	X	149.851	5
47	MP5B	Z	0	5
48	MP5B	Mx	.072	5
49	MP5C	X	153.114	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	.057	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP5C	X	153.114	5
53	MP5C	Z	0	5
54	MP5C	Mx	.057	5
55	MP2A	X	33.854	2
56	MP2A	Z	0	2
57	MP2A	Mx	-.025	2
58	MP2B	X	54.26	2
59	MP2B	Z	0	2
60	MP2B	Mx	.026	2
61	MP2C	X	59.935	2
62	MP2C	Z	0	2
63	MP2C	Mx	.022	2
64	MP3A	X	46.649	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	.039	2.33
67	MP3B	X	60.073	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	-.032	2.33
70	MP3C	X	63.806	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	-.027	2.33
73	MP4A	X	38.127	2
74	MP4A	Z	0	2
75	MP4A	Mx	.032	2
76	MP4B	X	56.552	2
77	MP4B	Z	0	2
78	MP4B	Mx	-.03	2
79	MP4C	X	61.676	2
80	MP4C	Z	0	2
81	MP4C	Mx	-.026	2
82	OVP	X	95.893	2.33
83	OVP	Z	0	2.33
84	OVP	Mx	-.031	2.33
85	MP3A	X	11.483	4.75
86	MP3A	Z	0	4.75
87	MP3A	Mx	.005	4.75
88	MP3B	X	14.484	4.75
89	MP3B	Z	0	4.75
90	MP3B	Mx	-.004	4.75
91	MP3C	X	15.318	4.75
92	MP3C	Z	0	4.75
93	MP3C	Mx	-.003	4.75
94	MP4C	X	15.318	4.75
95	MP4C	Z	0	4.75
96	MP4C	Mx	-.003	4.75
97	MP4A	X	11.483	4.75
98	MP4A	Z	0	4.75
99	MP4A	Mx	.005	4.75
100	MP4B	X	14.484	4.75
101	MP4B	Z	0	4.75
102	MP4B	Mx	-.004	4.75
103	MP4A	X	215.304	.38
104	MP4A	Z	0	.38
105	MP4A	Mx	-.233	.38
106	MP4A	X	215.304	4.38
107	MP4A	Z	0	4.38
108	MP4A	Mx	-.233	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP4B	X	239.915	.38
110	MP4B	Z	0	.38
111	MP4B	Mx	.045	.38
112	MP4B	X	239.915	4.38
113	MP4B	Z	0	4.38
114	MP4B	Mx	.045	4.38
115	MP4C	X	246.759	.38
116	MP4C	Z	0	.38
117	MP4C	Mx	.276	.38
118	MP4C	X	246.759	4.38
119	MP4C	Z	0	4.38
120	MP4C	Mx	.276	4.38
121	MP4A	X	215.304	.38
122	MP4A	Z	0	.38
123	MP4A	Mx	-.233	.38
124	MP4A	X	215.304	4.38
125	MP4A	Z	0	4.38
126	MP4A	Mx	-.233	4.38
127	MP4B	X	239.915	.38
128	MP4B	Z	0	.38
129	MP4B	Mx	.29	.38
130	MP4B	X	239.915	4.38
131	MP4B	Z	0	4.38
132	MP4B	Mx	.29	4.38
133	MP4C	X	246.759	.38
134	MP4C	Z	0	.38
135	MP4C	Mx	-.009	.38
136	MP4C	X	246.759	4.38
137	MP4C	Z	0	4.38
138	MP4C	Mx	-.009	4.38
139	MP4A	X	13.061	.25
140	MP4A	Z	0	.25
141	MP4A	Mx	.003	.25
142	MP4B	X	35.561	.25
143	MP4B	Z	0	.25
144	MP4B	Mx	-.004	.25
145	MP4A	X	13.061	.25
146	MP4A	Z	0	.25
147	MP4A	Mx	.003	.25
148	MP4B	X	35.561	.25
149	MP4B	Z	0	.25
150	MP4B	Mx	-.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	38.7	.25
2	MP3A	Z	22.343	.25
3	MP3A	Mx	-.019	.25
4	MP3A	X	38.7	3.25
5	MP3A	Z	22.343	3.25
6	MP3A	Mx	-.019	3.25
7	MP3B	X	74.632	.25
8	MP3B	Z	43.089	.25
9	MP3B	Mx	.007	.25
10	MP3B	X	74.632	3.25
11	MP3B	Z	43.089	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3B	Mx	.007	3.25
13	MP3C	X	38.7	.25
14	MP3C	Z	22.343	.25
15	MP3C	Mx	.019	.25
16	MP3C	X	38.7	3.25
17	MP3C	Z	22.343	3.25
18	MP3C	Mx	.019	3.25
19	MP1A	X	123.942	.42
20	MP1A	Z	71.558	.42
21	MP1A	Mx	-.093	.42
22	MP1A	X	123.942	5
23	MP1A	Z	71.558	5
24	MP1A	Mx	-.093	5
25	MP1B	X	136.408	.42
26	MP1B	Z	78.755	.42
27	MP1B	Mx	.021	.42
28	MP1B	X	136.408	5
29	MP1B	Z	78.755	5
30	MP1B	Mx	.021	5
31	MP1C	X	123.942	.42
32	MP1C	Z	71.558	.42
33	MP1C	Mx	.093	.42
34	MP1C	X	123.942	5
35	MP1C	Z	71.558	5
36	MP1C	Mx	.093	5
37	MP5A	X	123.942	.42
38	MP5A	Z	71.558	.42
39	MP5A	Mx	-.093	.42
40	MP5A	X	123.942	5
41	MP5A	Z	71.558	5
42	MP5A	Mx	-.093	5
43	MP5B	X	136.408	.42
44	MP5B	Z	78.755	.42
45	MP5B	Mx	.021	.42
46	MP5B	X	136.408	5
47	MP5B	Z	78.755	5
48	MP5B	Mx	.021	5
49	MP5C	X	123.942	.42
50	MP5C	Z	71.558	.42
51	MP5C	Mx	.093	.42
52	MP5C	X	123.942	5
53	MP5C	Z	71.558	5
54	MP5C	Mx	.093	5
55	MP2A	X	36.847	2
56	MP2A	Z	21.274	2
57	MP2A	Mx	-.028	2
58	MP2B	X	58.526	2
59	MP2B	Z	33.79	2
60	MP2B	Mx	.009	2
61	MP2C	X	36.847	2
62	MP2C	Z	21.274	2
63	MP2C	Mx	.028	2
64	MP3A	X	45.352	2.33
65	MP3A	Z	26.184	2.33
66	MP3A	Mx	.038	2.33
67	MP3B	X	59.613	2.33
68	MP3B	Z	34.418	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3B	Mx	-.01	2.33
70	MP3C	X	45.352	2.33
71	MP3C	Z	26.184	2.33
72	MP3C	Mx	-.038	2.33
73	MP4A	X	39.817	2
74	MP4A	Z	22.988	2
75	MP4A	Mx	.049	2
76	MP4B	X	59.391	2
77	MP4B	Z	34.289	2
78	MP4B	Mx	-.01	2
79	MP4C	X	39.817	2
80	MP4C	Z	22.988	2
81	MP4C	Mx	-.033	2
82	OVP	X	96.087	2.33
83	OVP	Z	55.476	2.33
84	OVP	Mx	-.01	2.33
85	MP3A	X	11.052	4.75
86	MP3A	Z	6.381	4.75
87	MP3A	Mx	.005	4.75
88	MP3B	X	14.239	4.75
89	MP3B	Z	8.221	4.75
90	MP3B	Mx	-.001	4.75
91	MP3C	X	11.052	4.75
92	MP3C	Z	6.381	4.75
93	MP3C	Mx	-.005	4.75
94	MP4C	X	11.052	4.75
95	MP4C	Z	6.381	4.75
96	MP4C	Mx	-.005	4.75
97	MP4A	X	11.052	4.75
98	MP4A	Z	6.381	4.75
99	MP4A	Mx	.005	4.75
100	MP4B	X	14.239	4.75
101	MP4B	Z	8.221	4.75
102	MP4B	Mx	-.001	4.75
103	MP4A	X	195.539	.38
104	MP4A	Z	112.894	.38
105	MP4A	Mx	-.137	.38
106	MP4A	X	195.539	4.38
107	MP4A	Z	112.894	4.38
108	MP4A	Mx	-.137	4.38
109	MP4B	X	221.684	.38
110	MP4B	Z	127.989	.38
111	MP4B	Mx	-.12	.38
112	MP4B	X	221.684	4.38
113	MP4B	Z	127.989	4.38
114	MP4B	Mx	-.12	4.38
115	MP4C	X	195.539	.38
116	MP4C	Z	112.894	.38
117	MP4C	Mx	.287	.38
118	MP4C	X	195.539	4.38
119	MP4C	Z	112.894	4.38
120	MP4C	Mx	.287	4.38
121	MP4A	X	195.539	.38
122	MP4A	Z	112.894	.38
123	MP4A	Mx	-.287	.38
124	MP4A	X	195.539	4.38
125	MP4A	Z	112.894	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP4A	Mx	-.287	4.38
127	MP4B	X	221.684	.38
128	MP4B	Z	127.989	.38
129	MP4B	Mx	.216	.38
130	MP4B	X	221.684	4.38
131	MP4B	Z	127.989	4.38
132	MP4B	Mx	.216	4.38
133	MP4C	X	195.539	.38
134	MP4C	Z	112.894	.38
135	MP4C	Mx	.137	.38
136	MP4C	X	195.539	4.38
137	MP4C	Z	112.894	4.38
138	MP4C	Mx	.137	4.38
139	MP4A	X	17.806	.25
140	MP4A	Z	10.28	.25
141	MP4A	Mx	.004	.25
142	MP4B	X	37.292	.25
143	MP4B	Z	21.53	.25
144	MP4B	Mx	0	.25
145	MP4A	X	17.806	.25
146	MP4A	Z	10.28	.25
147	MP4A	Mx	.004	.25
148	MP4B	X	37.292	.25
149	MP4B	Z	21.53	.25
150	MP4B	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	36.753	.25
2	MP3A	Z	63.658	.25
3	MP3A	Mx	-.018	.25
4	MP3A	X	36.753	3.25
5	MP3A	Z	63.658	3.25
6	MP3A	Mx	-.018	3.25
7	MP3B	X	40.587	.25
8	MP3B	Z	70.298	.25
9	MP3B	Mx	-.014	.25
10	MP3B	X	40.587	3.25
11	MP3B	Z	70.298	3.25
12	MP3B	Mx	-.014	3.25
13	MP3C	X	15.139	.25
14	MP3C	Z	26.221	.25
15	MP3C	Mx	.015	.25
16	MP3C	X	15.139	3.25
17	MP3C	Z	26.221	3.25
18	MP3C	Mx	.015	3.25
19	MP1A	X	76.557	.42
20	MP1A	Z	132.601	.42
21	MP1A	Mx	-.057	.42
22	MP1A	X	76.557	5
23	MP1A	Z	132.601	5
24	MP1A	Mx	-.057	5
25	MP1B	X	77.887	.42
26	MP1B	Z	134.905	.42
27	MP1B	Mx	-.04	.42
28	MP1B	X	77.887	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	134.905	5
30	MP1B	Mx	-.04	5
31	MP1C	X	69.058	.42
32	MP1C	Z	119.612	.42
33	MP1C	Mx	.104	.42
34	MP1C	X	69.058	5
35	MP1C	Z	119.612	5
36	MP1C	Mx	.104	5
37	MP5A	X	76.557	.42
38	MP5A	Z	132.601	.42
39	MP5A	Mx	-.057	.42
40	MP5A	X	76.557	5
41	MP5A	Z	132.601	5
42	MP5A	Mx	-.057	5
43	MP5B	X	77.887	.42
44	MP5B	Z	134.905	.42
45	MP5B	Mx	-.04	.42
46	MP5B	X	77.887	5
47	MP5B	Z	134.905	5
48	MP5B	Mx	-.04	5
49	MP5C	X	69.058	.42
50	MP5C	Z	119.612	.42
51	MP5C	Mx	.104	.42
52	MP5C	X	69.058	5
53	MP5C	Z	119.612	5
54	MP5C	Mx	.104	5
55	MP2A	X	29.967	2
56	MP2A	Z	51.905	2
57	MP2A	Mx	-.022	2
58	MP2B	X	32.28	2
59	MP2B	Z	55.911	2
60	MP2B	Mx	-.017	2
61	MP2C	X	16.927	2
62	MP2C	Z	29.319	2
63	MP2C	Mx	.025	2
64	MP3A	X	31.903	2.33
65	MP3A	Z	55.258	2.33
66	MP3A	Mx	.027	2.33
67	MP3B	X	33.425	2.33
68	MP3B	Z	57.893	2.33
69	MP3B	Mx	.019	2.33
70	MP3C	X	23.325	2.33
71	MP3C	Z	40.399	2.33
72	MP3C	Mx	-.039	2.33
73	MP4A	X	30.838	2
74	MP4A	Z	53.413	2
75	MP4A	Mx	.061	2
76	MP4B	X	32.926	2
77	MP4B	Z	57.03	2
78	MP4B	Mx	.019	2
79	MP4C	X	19.063	2
80	MP4C	Z	33.019	2
81	MP4C	Mx	-.032	2
82	OVP	X	53.769	2.33
83	OVP	Z	93.131	2.33
84	OVP	Mx	.018	2.33
85	MP3A	X	7.659	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3A	Z	13.266	4.75
87	MP3A	Mx	.003	4.75
88	MP3B	X	7.999	4.75
89	MP3B	Z	13.855	4.75
90	MP3B	Mx	.002	4.75
91	MP3C	X	5.741	4.75
92	MP3C	Z	9.944	4.75
93	MP3C	Mx	-.005	4.75
94	MP4C	X	5.741	4.75
95	MP4C	Z	9.944	4.75
96	MP4C	Mx	-.005	4.75
97	MP4A	X	7.659	4.75
98	MP4A	Z	13.266	4.75
99	MP4A	Mx	.003	4.75
100	MP4B	X	7.999	4.75
101	MP4B	Z	13.855	4.75
102	MP4B	Mx	.002	4.75
103	MP4A	X	123.379	.38
104	MP4A	Z	213.699	.38
105	MP4A	Mx	.009	.38
106	MP4A	X	123.379	4.38
107	MP4A	Z	213.699	4.38
108	MP4A	Mx	.009	4.38
109	MP4B	X	126.169	.38
110	MP4B	Z	218.531	.38
111	MP4B	Mx	-.252	.38
112	MP4B	X	126.169	4.38
113	MP4B	Z	218.531	4.38
114	MP4B	Mx	-.252	4.38
115	MP4C	X	107.652	.38
116	MP4C	Z	186.459	.38
117	MP4C	Mx	.233	.38
118	MP4C	X	107.652	4.38
119	MP4C	Z	186.459	4.38
120	MP4C	Mx	.233	4.38
121	MP4A	X	123.379	.38
122	MP4A	Z	213.699	.38
123	MP4A	Mx	-.276	.38
124	MP4A	X	123.379	4.38
125	MP4A	Z	213.699	4.38
126	MP4A	Mx	-.276	4.38
127	MP4B	X	126.169	.38
128	MP4B	Z	218.531	.38
129	MP4B	Mx	.065	.38
130	MP4B	X	126.169	4.38
131	MP4B	Z	218.531	4.38
132	MP4B	Mx	.065	4.38
133	MP4C	X	107.652	.38
134	MP4C	Z	186.459	.38
135	MP4C	Mx	.233	.38
136	MP4C	X	107.652	4.38
137	MP4C	Z	186.459	4.38
138	MP4C	Mx	.233	4.38
139	MP4A	X	17.78	.25
140	MP4A	Z	30.797	.25
141	MP4A	Mx	.004	.25
142	MP4B	X	17.78	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
143	MP4B	Z	30.797	.25
144	MP4B	Mx	.004	.25
145	MP4A	X	17.78	.25
146	MP4A	Z	30.797	.25
147	MP4A	Mx	.004	.25
148	MP4B	X	17.78	.25
149	MP4B	Z	30.797	.25
150	MP4B	Mx	.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	87.916	.25
3	MP3A	Mx	0	.25
4	MP3A	X	0	3.25
5	MP3A	Z	87.916	3.25
6	MP3A	Mx	0	3.25
7	MP3B	X	0	.25
8	MP3B	Z	54.092	.25
9	MP3B	Mx	-.021	.25
10	MP3B	X	0	3.25
11	MP3B	Z	54.092	3.25
12	MP3B	Mx	-.021	3.25
13	MP3C	X	0	.25
14	MP3C	Z	44.687	.25
15	MP3C	Mx	.019	.25
16	MP3C	X	0	3.25
17	MP3C	Z	44.687	3.25
18	MP3C	Mx	.019	3.25
19	MP1A	X	0	.42
20	MP1A	Z	158.114	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	158.114	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	146.379	.42
27	MP1B	Mx	-.084	.42
28	MP1B	X	0	5
29	MP1B	Z	146.379	5
30	MP1B	Mx	-.084	5
31	MP1C	X	0	.42
32	MP1C	Z	143.116	.42
33	MP1C	Mx	.093	.42
34	MP1C	X	0	5
35	MP1C	Z	143.116	5
36	MP1C	Mx	.093	5
37	MP5A	X	0	.42
38	MP5A	Z	158.114	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	158.114	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	146.379	.42
45	MP5B	Mx	-.084	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP5B	X	0	5
47	MP5B	Z	146.379	5
48	MP5B	Mx	-.084	5
49	MP5C	X	0	.42
50	MP5C	Z	143.116	.42
51	MP5C	Mx	.093	.42
52	MP5C	X	0	5
53	MP5C	Z	143.116	5
54	MP5C	Mx	.093	5
55	MP2A	X	0	2
56	MP2A	Z	68.628	2
57	MP2A	Mx	0	2
58	MP2B	X	0	2
59	MP2B	Z	48.222	2
60	MP2B	Mx	-.028	2
61	MP2C	X	0	2
62	MP2C	Z	42.548	2
63	MP2C	Mx	.028	2
64	MP3A	X	0	2.33
65	MP3A	Z	69.525	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	56.101	2.33
69	MP3B	Mx	.036	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	52.368	2.33
72	MP3C	Mx	-.038	2.33
73	MP4A	X	0	2
74	MP4A	Z	69.525	2
75	MP4A	Mx	.046	2
76	MP4B	X	0	2
77	MP4B	Z	51.1	2
78	MP4B	Mx	.033	2
79	MP4C	X	0	2
80	MP4C	Z	45.976	2
81	MP4C	Mx	-.033	2
82	OVP	X	0	2.33
83	OVP	Z	89.066	2.33
84	OVP	Mx	.034	2.33
85	MP3A	X	0	4.75
86	MP3A	Z	16.596	4.75
87	MP3A	Mx	0	4.75
88	MP3B	X	0	4.75
89	MP3B	Z	13.596	4.75
90	MP3B	Mx	.004	4.75
91	MP3C	X	0	4.75
92	MP3C	Z	12.761	4.75
93	MP3C	Mx	-.005	4.75
94	MP4C	X	0	4.75
95	MP4C	Z	12.761	4.75
96	MP4C	Mx	-.005	4.75
97	MP4A	X	0	4.75
98	MP4A	Z	16.596	4.75
99	MP4A	Mx	0	4.75
100	MP4B	X	0	4.75
101	MP4B	Z	13.596	4.75
102	MP4B	Mx	.004	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP4A	X	0	.38
104	MP4A	Z	257.244	.38
105	MP4A	Mx	.171	.38
106	MP4A	X	0	4.38
107	MP4A	Z	257.244	4.38
108	MP4A	Mx	.171	4.38
109	MP4B	X	0	.38
110	MP4B	Z	232.632	.38
111	MP4B	Mx	-.293	.38
112	MP4B	X	0	4.38
113	MP4B	Z	232.632	4.38
114	MP4B	Mx	-.293	4.38
115	MP4C	X	0	.38
116	MP4C	Z	225.789	.38
117	MP4C	Mx	.137	.38
118	MP4C	X	0	4.38
119	MP4C	Z	225.789	4.38
120	MP4C	Mx	.137	4.38
121	MP4A	X	0	.38
122	MP4A	Z	257.244	.38
123	MP4A	Mx	-.171	.38
124	MP4A	X	0	4.38
125	MP4A	Z	257.244	4.38
126	MP4A	Mx	-.171	4.38
127	MP4B	X	0	.38
128	MP4B	Z	232.632	.38
129	MP4B	Mx	-.093	.38
130	MP4B	X	0	4.38
131	MP4B	Z	232.632	4.38
132	MP4B	Mx	-.093	4.38
133	MP4C	X	0	.38
134	MP4C	Z	225.789	.38
135	MP4C	Mx	.287	.38
136	MP4C	X	0	4.38
137	MP4C	Z	225.789	4.38
138	MP4C	Mx	.287	4.38
139	MP4A	X	0	.25
140	MP4A	Z	43.061	.25
141	MP4A	Mx	0	.25
142	MP4B	X	0	.25
143	MP4B	Z	20.561	.25
144	MP4B	Mx	.004	.25
145	MP4A	X	0	.25
146	MP4A	Z	43.061	.25
147	MP4A	Mx	0	.25
148	MP4B	X	0	.25
149	MP4B	Z	20.561	.25
150	MP4B	Mx	.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-36.753	.25
2	MP3A	Z	63.658	.25
3	MP3A	Mx	.018	.25
4	MP3A	X	-36.753	3.25
5	MP3A	Z	63.658	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	.018	3.25
7	MP3B	X	-16.008	.25
8	MP3B	Z	27.726	.25
9	MP3B	Mx	-.016	.25
10	MP3B	X	-16.008	3.25
11	MP3B	Z	27.726	3.25
12	MP3B	Mx	-.016	3.25
13	MP3C	X	-36.753	.25
14	MP3C	Z	63.658	.25
15	MP3C	Mx	.018	.25
16	MP3C	X	-36.753	3.25
17	MP3C	Z	63.658	3.25
18	MP3C	Mx	.018	3.25
19	MP1A	X	-76.557	.42
20	MP1A	Z	132.601	.42
21	MP1A	Mx	.057	.42
22	MP1A	X	-76.557	5
23	MP1A	Z	132.601	5
24	MP1A	Mx	.057	5
25	MP1B	X	-69.36	.42
26	MP1B	Z	120.134	.42
27	MP1B	Mx	-.102	.42
28	MP1B	X	-69.36	5
29	MP1B	Z	120.134	5
30	MP1B	Mx	-.102	5
31	MP1C	X	-76.557	.42
32	MP1C	Z	132.601	.42
33	MP1C	Mx	.057	.42
34	MP1C	X	-76.557	5
35	MP1C	Z	132.601	5
36	MP1C	Mx	.057	5
37	MP5A	X	-76.557	.42
38	MP5A	Z	132.601	.42
39	MP5A	Mx	.057	.42
40	MP5A	X	-76.557	5
41	MP5A	Z	132.601	5
42	MP5A	Mx	.057	5
43	MP5B	X	-69.36	.42
44	MP5B	Z	120.134	.42
45	MP5B	Mx	-.102	.42
46	MP5B	X	-69.36	5
47	MP5B	Z	120.134	5
48	MP5B	Mx	-.102	5
49	MP5C	X	-76.557	.42
50	MP5C	Z	132.601	.42
51	MP5C	Mx	.057	.42
52	MP5C	X	-76.557	5
53	MP5C	Z	132.601	5
54	MP5C	Mx	.057	5
55	MP2A	X	-29.967	2
56	MP2A	Z	51.905	2
57	MP2A	Mx	.022	2
58	MP2B	X	-17.451	2
59	MP2B	Z	30.227	2
60	MP2B	Mx	-.026	2
61	MP2C	X	-29.967	2
62	MP2C	Z	51.905	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2C	Mx	.022	2
64	MP3A	X	-31.903	2.33
65	MP3A	Z	55.258	2.33
66	MP3A	Mx	-.027	2.33
67	MP3B	X	-23.67	2.33
68	MP3B	Z	40.997	2.33
69	MP3B	Mx	.039	2.33
70	MP3C	X	-31.903	2.33
71	MP3C	Z	55.258	2.33
72	MP3C	Mx	-.027	2.33
73	MP4A	X	-30.838	2
74	MP4A	Z	53.413	2
75	MP4A	Mx	.01	2
76	MP4B	X	-19.537	2
77	MP4B	Z	33.839	2
78	MP4B	Mx	.032	2
79	MP4C	X	-30.838	2
80	MP4C	Z	53.413	2
81	MP4C	Mx	-.026	2
82	OVP	X	-37.004	2.33
83	OVP	Z	64.092	2.33
84	OVP	Mx	.036	2.33
85	MP3A	X	-7.659	4.75
86	MP3A	Z	13.266	4.75
87	MP3A	Mx	-.003	4.75
88	MP3B	X	-5.819	4.75
89	MP3B	Z	10.078	4.75
90	MP3B	Mx	.005	4.75
91	MP3C	X	-7.659	4.75
92	MP3C	Z	13.266	4.75
93	MP3C	Mx	-.003	4.75
94	MP4C	X	-7.659	4.75
95	MP4C	Z	13.266	4.75
96	MP4C	Mx	-.003	4.75
97	MP4A	X	-7.659	4.75
98	MP4A	Z	13.266	4.75
99	MP4A	Mx	-.003	4.75
100	MP4B	X	-5.819	4.75
101	MP4B	Z	10.078	4.75
102	MP4B	Mx	.005	4.75
103	MP4A	X	-123.379	.38
104	MP4A	Z	213.699	.38
105	MP4A	Mx	.276	.38
106	MP4A	X	-123.379	4.38
107	MP4A	Z	213.699	4.38
108	MP4A	Mx	.276	4.38
109	MP4B	X	-108.284	.38
110	MP4B	Z	187.554	.38
111	MP4B	Mx	-.256	.38
112	MP4B	X	-108.284	4.38
113	MP4B	Z	187.554	4.38
114	MP4B	Mx	-.256	4.38
115	MP4C	X	-123.379	.38
116	MP4C	Z	213.699	.38
117	MP4C	Mx	-.009	.38
118	MP4C	X	-123.379	4.38
119	MP4C	Z	213.699	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
120	MP4C	Mx	-.009	4.38
121	MP4A	X	-123.379	.38
122	MP4A	Z	213.699	.38
123	MP4A	Mx	-.009	.38
124	MP4A	X	-123.379	4.38
125	MP4A	Z	213.699	4.38
126	MP4A	Mx	-.009	4.38
127	MP4B	X	-108.284	.38
128	MP4B	Z	187.554	.38
129	MP4B	Mx	-.206	.38
130	MP4B	X	-108.284	4.38
131	MP4B	Z	187.554	4.38
132	MP4B	Mx	-.206	4.38
133	MP4C	X	-123.379	.38
134	MP4C	Z	213.699	.38
135	MP4C	Mx	.276	.38
136	MP4C	X	-123.379	4.38
137	MP4C	Z	213.699	4.38
138	MP4C	Mx	.276	4.38
139	MP4A	X	-17.78	.25
140	MP4A	Z	30.797	.25
141	MP4A	Mx	-.004	.25
142	MP4B	X	-6.53	.25
143	MP4B	Z	11.311	.25
144	MP4B	Mx	.003	.25
145	MP4A	X	-17.78	.25
146	MP4A	Z	30.797	.25
147	MP4A	Mx	-.004	.25
148	MP4B	X	-6.53	.25
149	MP4B	Z	11.311	.25
150	MP4B	Mx	.003	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-38.7	.25
2	MP3A	Z	22.343	.25
3	MP3A	Mx	.019	.25
4	MP3A	X	-38.7	3.25
5	MP3A	Z	22.343	3.25
6	MP3A	Mx	.019	3.25
7	MP3B	X	-32.06	.25
8	MP3B	Z	18.51	.25
9	MP3B	Mx	-.017	.25
10	MP3B	X	-32.06	3.25
11	MP3B	Z	18.51	3.25
12	MP3B	Mx	-.017	3.25
13	MP3C	X	-76.137	.25
14	MP3C	Z	43.958	.25
15	MP3C	Mx	0	.25
16	MP3C	X	-76.137	3.25
17	MP3C	Z	43.958	3.25
18	MP3C	Mx	0	3.25
19	MP1A	X	-123.942	.42
20	MP1A	Z	71.558	.42
21	MP1A	Mx	.093	.42
22	MP1A	X	-123.942	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP1A	Z	71.558	5
24	MP1A	Mx	.093	5
25	MP1B	X	-121.638	.42
26	MP1B	Z	70.228	.42
27	MP1B	Mx	-.099	.42
28	MP1B	X	-121.638	5
29	MP1B	Z	70.228	5
30	MP1B	Mx	-.099	5
31	MP1C	X	-136.931	.42
32	MP1C	Z	79.057	.42
33	MP1C	Mx	0	.42
34	MP1C	X	-136.931	5
35	MP1C	Z	79.057	5
36	MP1C	Mx	0	5
37	MP5A	X	-123.942	.42
38	MP5A	Z	71.558	.42
39	MP5A	Mx	.093	.42
40	MP5A	X	-123.942	5
41	MP5A	Z	71.558	5
42	MP5A	Mx	.093	5
43	MP5B	X	-121.638	.42
44	MP5B	Z	70.228	.42
45	MP5B	Mx	-.099	.42
46	MP5B	X	-121.638	5
47	MP5B	Z	70.228	5
48	MP5B	Mx	-.099	5
49	MP5C	X	-136.931	.42
50	MP5C	Z	79.057	.42
51	MP5C	Mx	0	.42
52	MP5C	X	-136.931	5
53	MP5C	Z	79.057	5
54	MP5C	Mx	0	5
55	MP2A	X	-36.847	2
56	MP2A	Z	21.274	2
57	MP2A	Mx	.028	2
58	MP2B	X	-32.841	2
59	MP2B	Z	18.961	2
60	MP2B	Mx	-.027	2
61	MP2C	X	-59.434	2
62	MP2C	Z	34.314	2
63	MP2C	Mx	0	2
64	MP3A	X	-45.352	2.33
65	MP3A	Z	26.184	2.33
66	MP3A	Mx	-.038	2.33
67	MP3B	X	-42.717	2.33
68	MP3B	Z	24.663	2.33
69	MP3B	Mx	.039	2.33
70	MP3C	X	-60.211	2.33
71	MP3C	Z	34.763	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	-39.817	2
74	MP4A	Z	22.988	2
75	MP4A	Mx	-.018	2
76	MP4B	X	-36.2	2
77	MP4B	Z	20.9	2
78	MP4B	Mx	.033	2
79	MP4C	X	-60.211	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP4C	Z	34.763	2
81	MP4C	Mx	0	2
82	OVP	X	-67.049	2.33
83	OVP	Z	38.711	2.33
84	OVP	Mx	.036	2.33
85	MP3A	X	-11.052	4.75
86	MP3A	Z	6.381	4.75
87	MP3A	Mx	-.005	4.75
88	MP3B	X	-10.462	4.75
89	MP3B	Z	6.041	4.75
90	MP3B	Mx	.005	4.75
91	MP3C	X	-14.373	4.75
92	MP3C	Z	8.298	4.75
93	MP3C	Mx	0	4.75
94	MP4C	X	-14.373	4.75
95	MP4C	Z	8.298	4.75
96	MP4C	Mx	0	4.75
97	MP4A	X	-11.052	4.75
98	MP4A	Z	6.381	4.75
99	MP4A	Mx	-.005	4.75
100	MP4B	X	-10.462	4.75
101	MP4B	Z	6.041	4.75
102	MP4B	Mx	.005	4.75
103	MP4A	X	-195.539	.38
104	MP4A	Z	112.894	.38
105	MP4A	Mx	.287	.38
106	MP4A	X	-195.539	4.38
107	MP4A	Z	112.894	4.38
108	MP4A	Mx	.287	4.38
109	MP4B	X	-190.708	.38
110	MP4B	Z	110.105	.38
111	MP4B	Mx	-.174	.38
112	MP4B	X	-190.708	4.38
113	MP4B	Z	110.105	4.38
114	MP4B	Mx	-.174	4.38
115	MP4C	X	-222.779	.38
116	MP4C	Z	128.622	.38
117	MP4C	Mx	-.171	.38
118	MP4C	X	-222.779	4.38
119	MP4C	Z	128.622	4.38
120	MP4C	Mx	-.171	4.38
121	MP4A	X	-195.539	.38
122	MP4A	Z	112.894	.38
123	MP4A	Mx	.137	.38
124	MP4A	X	-195.539	4.38
125	MP4A	Z	112.894	4.38
126	MP4A	Mx	.137	4.38
127	MP4B	X	-190.708	.38
128	MP4B	Z	110.105	.38
129	MP4B	Mx	-.274	.38
130	MP4B	X	-190.708	4.38
131	MP4B	Z	110.105	4.38
132	MP4B	Mx	-.274	4.38
133	MP4C	X	-222.779	.38
134	MP4C	Z	128.622	.38
135	MP4C	Mx	.171	.38
136	MP4C	X	-222.779	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
137	MP4C	Z	128.622	4.38
138	MP4C	Mx	.171	4.38
139	MP4A	X	-17.806	.25
140	MP4A	Z	10.28	.25
141	MP4A	Mx	-.004	.25
142	MP4B	X	-17.806	.25
143	MP4B	Z	10.28	.25
144	MP4B	Mx	.004	.25
145	MP4A	X	-17.806	.25
146	MP4A	Z	10.28	.25
147	MP4A	Mx	-.004	.25
148	MP4B	X	-17.806	.25
149	MP4B	Z	10.28	.25
150	MP4B	Mx	.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-30.277	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	.015	.25
4	MP3A	X	-30.277	3.25
5	MP3A	Z	0	3.25
6	MP3A	Mx	.015	3.25
7	MP3B	X	-64.101	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	-.021	.25
10	MP3B	X	-64.101	3.25
11	MP3B	Z	0	3.25
12	MP3B	Mx	-.021	3.25
13	MP3C	X	-73.506	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	-.018	.25
16	MP3C	X	-73.506	3.25
17	MP3C	Z	0	3.25
18	MP3C	Mx	-.018	3.25
19	MP1A	X	-138.116	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	.104	.42
22	MP1A	X	-138.116	5
23	MP1A	Z	0	5
24	MP1A	Mx	.104	5
25	MP1B	X	-149.851	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	-.072	.42
28	MP1B	X	-149.851	5
29	MP1B	Z	0	5
30	MP1B	Mx	-.072	5
31	MP1C	X	-153.114	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	-.057	.42
34	MP1C	X	-153.114	5
35	MP1C	Z	0	5
36	MP1C	Mx	-.057	5
37	MP5A	X	-138.116	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	.104	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP5A	X	-138.116	5
41	MP5A	Z	0	5
42	MP5A	Mx	.104	5
43	MP5B	X	-149.851	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	-.072	.42
46	MP5B	X	-149.851	5
47	MP5B	Z	0	5
48	MP5B	Mx	-.072	5
49	MP5C	X	-153.114	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	-.057	.42
52	MP5C	X	-153.114	5
53	MP5C	Z	0	5
54	MP5C	Mx	-.057	5
55	MP2A	X	-33.854	2
56	MP2A	Z	0	2
57	MP2A	Mx	.025	2
58	MP2B	X	-54.26	2
59	MP2B	Z	0	2
60	MP2B	Mx	-.026	2
61	MP2C	X	-59.935	2
62	MP2C	Z	0	2
63	MP2C	Mx	-.022	2
64	MP3A	X	-46.649	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	-.039	2.33
67	MP3B	X	-60.073	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	.032	2.33
70	MP3C	X	-63.806	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	.027	2.33
73	MP4A	X	-38.127	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.032	2
76	MP4B	X	-56.552	2
77	MP4B	Z	0	2
78	MP4B	Mx	.03	2
79	MP4C	X	-61.676	2
80	MP4C	Z	0	2
81	MP4C	Mx	.026	2
82	OVP	X	-95.893	2.33
83	OVP	Z	0	2.33
84	OVP	Mx	.031	2.33
85	MP3A	X	-11.483	4.75
86	MP3A	Z	0	4.75
87	MP3A	Mx	-.005	4.75
88	MP3B	X	-14.484	4.75
89	MP3B	Z	0	4.75
90	MP3B	Mx	.004	4.75
91	MP3C	X	-15.318	4.75
92	MP3C	Z	0	4.75
93	MP3C	Mx	.003	4.75
94	MP4C	X	-15.318	4.75
95	MP4C	Z	0	4.75
96	MP4C	Mx	.003	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP4A	X	-11.483	4.75
98	MP4A	Z	0	4.75
99	MP4A	Mx	-.005	4.75
100	MP4B	X	-14.484	4.75
101	MP4B	Z	0	4.75
102	MP4B	Mx	.004	4.75
103	MP4A	X	-215.304	.38
104	MP4A	Z	0	.38
105	MP4A	Mx	.233	.38
106	MP4A	X	-215.304	4.38
107	MP4A	Z	0	4.38
108	MP4A	Mx	.233	4.38
109	MP4B	X	-239.915	.38
110	MP4B	Z	0	.38
111	MP4B	Mx	-.045	.38
112	MP4B	X	-239.915	4.38
113	MP4B	Z	0	4.38
114	MP4B	Mx	-.045	4.38
115	MP4C	X	-246.759	.38
116	MP4C	Z	0	.38
117	MP4C	Mx	-.276	.38
118	MP4C	X	-246.759	4.38
119	MP4C	Z	0	4.38
120	MP4C	Mx	-.276	4.38
121	MP4A	X	-215.304	.38
122	MP4A	Z	0	.38
123	MP4A	Mx	.233	.38
124	MP4A	X	-215.304	4.38
125	MP4A	Z	0	4.38
126	MP4A	Mx	.233	4.38
127	MP4B	X	-239.915	.38
128	MP4B	Z	0	.38
129	MP4B	Mx	-.29	.38
130	MP4B	X	-239.915	4.38
131	MP4B	Z	0	4.38
132	MP4B	Mx	-.29	4.38
133	MP4C	X	-246.759	.38
134	MP4C	Z	0	.38
135	MP4C	Mx	.009	.38
136	MP4C	X	-246.759	4.38
137	MP4C	Z	0	4.38
138	MP4C	Mx	.009	4.38
139	MP4A	X	-13.061	.25
140	MP4A	Z	0	.25
141	MP4A	Mx	-.003	.25
142	MP4B	X	-35.561	.25
143	MP4B	Z	0	.25
144	MP4B	Mx	.004	.25
145	MP4A	X	-13.061	.25
146	MP4A	Z	0	.25
147	MP4A	Mx	-.003	.25
148	MP4B	X	-35.561	.25
149	MP4B	Z	0	.25
150	MP4B	Mx	.004	.25

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-38.7	.25
2	MP3A	Z	-22.343	.25
3	MP3A	Mx	.019	.25
4	MP3A	X	-38.7	3.25
5	MP3A	Z	-22.343	3.25
6	MP3A	Mx	.019	3.25
7	MP3B	X	-74.632	.25
8	MP3B	Z	-43.089	.25
9	MP3B	Mx	-.007	.25
10	MP3B	X	-74.632	3.25
11	MP3B	Z	-43.089	3.25
12	MP3B	Mx	-.007	3.25
13	MP3C	X	-38.7	.25
14	MP3C	Z	-22.343	.25
15	MP3C	Mx	-.019	.25
16	MP3C	X	-38.7	3.25
17	MP3C	Z	-22.343	3.25
18	MP3C	Mx	-.019	3.25
19	MP1A	X	-123.942	.42
20	MP1A	Z	-71.558	.42
21	MP1A	Mx	.093	.42
22	MP1A	X	-123.942	5
23	MP1A	Z	-71.558	5
24	MP1A	Mx	.093	5
25	MP1B	X	-136.408	.42
26	MP1B	Z	-78.755	.42
27	MP1B	Mx	-.021	.42
28	MP1B	X	-136.408	5
29	MP1B	Z	-78.755	5
30	MP1B	Mx	-.021	5
31	MP1C	X	-123.942	.42
32	MP1C	Z	-71.558	.42
33	MP1C	Mx	-.093	.42
34	MP1C	X	-123.942	5
35	MP1C	Z	-71.558	5
36	MP1C	Mx	-.093	5
37	MP5A	X	-123.942	.42
38	MP5A	Z	-71.558	.42
39	MP5A	Mx	.093	.42
40	MP5A	X	-123.942	5
41	MP5A	Z	-71.558	5
42	MP5A	Mx	.093	5
43	MP5B	X	-136.408	.42
44	MP5B	Z	-78.755	.42
45	MP5B	Mx	-.021	.42
46	MP5B	X	-136.408	5
47	MP5B	Z	-78.755	5
48	MP5B	Mx	-.021	5
49	MP5C	X	-123.942	.42
50	MP5C	Z	-71.558	.42
51	MP5C	Mx	-.093	.42
52	MP5C	X	-123.942	5
53	MP5C	Z	-71.558	5
54	MP5C	Mx	-.093	5
55	MP2A	X	-36.847	2
56	MP2A	Z	-21.274	2
57	MP2A	Mx	.028	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-58.526	2
59	MP2B	Z	-33.79	2
60	MP2B	Mx	-.009	2
61	MP2C	X	-36.847	2
62	MP2C	Z	-21.274	2
63	MP2C	Mx	-.028	2
64	MP3A	X	-45.352	2.33
65	MP3A	Z	-26.184	2.33
66	MP3A	Mx	-.038	2.33
67	MP3B	X	-59.613	2.33
68	MP3B	Z	-34.418	2.33
69	MP3B	Mx	.01	2.33
70	MP3C	X	-45.352	2.33
71	MP3C	Z	-26.184	2.33
72	MP3C	Mx	.038	2.33
73	MP4A	X	-39.817	2
74	MP4A	Z	-22.988	2
75	MP4A	Mx	-.049	2
76	MP4B	X	-59.391	2
77	MP4B	Z	-34.289	2
78	MP4B	Mx	.01	2
79	MP4C	X	-39.817	2
80	MP4C	Z	-22.988	2
81	MP4C	Mx	.033	2
82	OVP	X	-96.087	2.33
83	OVP	Z	-55.476	2.33
84	OVP	Mx	.01	2.33
85	MP3A	X	-11.052	4.75
86	MP3A	Z	-6.381	4.75
87	MP3A	Mx	-.005	4.75
88	MP3B	X	-14.239	4.75
89	MP3B	Z	-8.221	4.75
90	MP3B	Mx	.001	4.75
91	MP3C	X	-11.052	4.75
92	MP3C	Z	-6.381	4.75
93	MP3C	Mx	.005	4.75
94	MP4C	X	-11.052	4.75
95	MP4C	Z	-6.381	4.75
96	MP4C	Mx	.005	4.75
97	MP4A	X	-11.052	4.75
98	MP4A	Z	-6.381	4.75
99	MP4A	Mx	-.005	4.75
100	MP4B	X	-14.239	4.75
101	MP4B	Z	-8.221	4.75
102	MP4B	Mx	.001	4.75
103	MP4A	X	-195.539	.38
104	MP4A	Z	-112.894	.38
105	MP4A	Mx	.137	.38
106	MP4A	X	-195.539	4.38
107	MP4A	Z	-112.894	4.38
108	MP4A	Mx	.137	4.38
109	MP4B	X	-221.684	.38
110	MP4B	Z	-127.989	.38
111	MP4B	Mx	.12	.38
112	MP4B	X	-221.684	4.38
113	MP4B	Z	-127.989	4.38
114	MP4B	Mx	.12	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	-195.539	.38
116	MP4C	Z	-112.894	.38
117	MP4C	Mx	-.287	.38
118	MP4C	X	-195.539	4.38
119	MP4C	Z	-112.894	4.38
120	MP4C	Mx	-.287	4.38
121	MP4A	X	-195.539	.38
122	MP4A	Z	-112.894	.38
123	MP4A	Mx	.287	.38
124	MP4A	X	-195.539	4.38
125	MP4A	Z	-112.894	4.38
126	MP4A	Mx	.287	4.38
127	MP4B	X	-221.684	.38
128	MP4B	Z	-127.989	.38
129	MP4B	Mx	-.216	.38
130	MP4B	X	-221.684	4.38
131	MP4B	Z	-127.989	4.38
132	MP4B	Mx	-.216	4.38
133	MP4C	X	-195.539	.38
134	MP4C	Z	-112.894	.38
135	MP4C	Mx	-.137	.38
136	MP4C	X	-195.539	4.38
137	MP4C	Z	-112.894	4.38
138	MP4C	Mx	-.137	4.38
139	MP4A	X	-17.806	.25
140	MP4A	Z	-10.28	.25
141	MP4A	Mx	-.004	.25
142	MP4B	X	-37.292	.25
143	MP4B	Z	-21.53	.25
144	MP4B	Mx	0	.25
145	MP4A	X	-17.806	.25
146	MP4A	Z	-10.28	.25
147	MP4A	Mx	-.004	.25
148	MP4B	X	-37.292	.25
149	MP4B	Z	-21.53	.25
150	MP4B	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-36.753	.25
2	MP3A	Z	-63.658	.25
3	MP3A	Mx	.018	.25
4	MP3A	X	-36.753	3.25
5	MP3A	Z	-63.658	3.25
6	MP3A	Mx	.018	3.25
7	MP3B	X	-40.587	.25
8	MP3B	Z	-70.298	.25
9	MP3B	Mx	.014	.25
10	MP3B	X	-40.587	3.25
11	MP3B	Z	-70.298	3.25
12	MP3B	Mx	.014	3.25
13	MP3C	X	-15.139	.25
14	MP3C	Z	-26.221	.25
15	MP3C	Mx	-.015	.25
16	MP3C	X	-15.139	3.25
17	MP3C	Z	-26.221	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.015	3.25
19	MP1A	X	-76.557	.42
20	MP1A	Z	-132.601	.42
21	MP1A	Mx	.057	.42
22	MP1A	X	-76.557	5
23	MP1A	Z	-132.601	5
24	MP1A	Mx	.057	5
25	MP1B	X	-77.887	.42
26	MP1B	Z	-134.905	.42
27	MP1B	Mx	.04	.42
28	MP1B	X	-77.887	5
29	MP1B	Z	-134.905	5
30	MP1B	Mx	.04	5
31	MP1C	X	-69.058	.42
32	MP1C	Z	-119.612	.42
33	MP1C	Mx	-.104	.42
34	MP1C	X	-69.058	5
35	MP1C	Z	-119.612	5
36	MP1C	Mx	-.104	5
37	MP5A	X	-76.557	.42
38	MP5A	Z	-132.601	.42
39	MP5A	Mx	.057	.42
40	MP5A	X	-76.557	5
41	MP5A	Z	-132.601	5
42	MP5A	Mx	.057	5
43	MP5B	X	-77.887	.42
44	MP5B	Z	-134.905	.42
45	MP5B	Mx	.04	.42
46	MP5B	X	-77.887	5
47	MP5B	Z	-134.905	5
48	MP5B	Mx	.04	5
49	MP5C	X	-69.058	.42
50	MP5C	Z	-119.612	.42
51	MP5C	Mx	-.104	.42
52	MP5C	X	-69.058	5
53	MP5C	Z	-119.612	5
54	MP5C	Mx	-.104	5
55	MP2A	X	-29.967	2
56	MP2A	Z	-51.905	2
57	MP2A	Mx	.022	2
58	MP2B	X	-32.28	2
59	MP2B	Z	-55.911	2
60	MP2B	Mx	.017	2
61	MP2C	X	-16.927	2
62	MP2C	Z	-29.319	2
63	MP2C	Mx	-.025	2
64	MP3A	X	-31.903	2.33
65	MP3A	Z	-55.258	2.33
66	MP3A	Mx	-.027	2.33
67	MP3B	X	-33.425	2.33
68	MP3B	Z	-57.893	2.33
69	MP3B	Mx	-.019	2.33
70	MP3C	X	-23.325	2.33
71	MP3C	Z	-40.399	2.33
72	MP3C	Mx	.039	2.33
73	MP4A	X	-30.838	2
74	MP4A	Z	-53.413	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	-.061	2
76	MP4B	X	-32.926	2
77	MP4B	Z	-57.03	2
78	MP4B	Mx	-.019	2
79	MP4C	X	-19.063	2
80	MP4C	Z	-33.019	2
81	MP4C	Mx	.032	2
82	OVP	X	-53.769	2.33
83	OVP	Z	-93.131	2.33
84	OVP	Mx	-.018	2.33
85	MP3A	X	-7.659	4.75
86	MP3A	Z	-13.266	4.75
87	MP3A	Mx	-.003	4.75
88	MP3B	X	-7.999	4.75
89	MP3B	Z	-13.855	4.75
90	MP3B	Mx	-.002	4.75
91	MP3C	X	-5.741	4.75
92	MP3C	Z	-9.944	4.75
93	MP3C	Mx	.005	4.75
94	MP4C	X	-5.741	4.75
95	MP4C	Z	-9.944	4.75
96	MP4C	Mx	.005	4.75
97	MP4A	X	-7.659	4.75
98	MP4A	Z	-13.266	4.75
99	MP4A	Mx	-.003	4.75
100	MP4B	X	-7.999	4.75
101	MP4B	Z	-13.855	4.75
102	MP4B	Mx	-.002	4.75
103	MP4A	X	-123.379	.38
104	MP4A	Z	-213.699	.38
105	MP4A	Mx	-.009	.38
106	MP4A	X	-123.379	4.38
107	MP4A	Z	-213.699	4.38
108	MP4A	Mx	-.009	4.38
109	MP4B	X	-126.169	.38
110	MP4B	Z	-218.531	.38
111	MP4B	Mx	.252	.38
112	MP4B	X	-126.169	4.38
113	MP4B	Z	-218.531	4.38
114	MP4B	Mx	.252	4.38
115	MP4C	X	-107.652	.38
116	MP4C	Z	-186.459	.38
117	MP4C	Mx	-.233	.38
118	MP4C	X	-107.652	4.38
119	MP4C	Z	-186.459	4.38
120	MP4C	Mx	-.233	4.38
121	MP4A	X	-123.379	.38
122	MP4A	Z	-213.699	.38
123	MP4A	Mx	.276	.38
124	MP4A	X	-123.379	4.38
125	MP4A	Z	-213.699	4.38
126	MP4A	Mx	.276	4.38
127	MP4B	X	-126.169	.38
128	MP4B	Z	-218.531	.38
129	MP4B	Mx	-.065	.38
130	MP4B	X	-126.169	4.38
131	MP4B	Z	-218.531	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	MP4B	Mx	-.065	4.38
133	MP4C	X	-107.652	.38
134	MP4C	Z	-186.459	.38
135	MP4C	Mx	-.233	.38
136	MP4C	X	-107.652	4.38
137	MP4C	Z	-186.459	4.38
138	MP4C	Mx	-.233	4.38
139	MP4A	X	-17.78	.25
140	MP4A	Z	-30.797	.25
141	MP4A	Mx	-.004	.25
142	MP4B	X	-17.78	.25
143	MP4B	Z	-30.797	.25
144	MP4B	Mx	-.004	.25
145	MP4A	X	-17.78	.25
146	MP4A	Z	-30.797	.25
147	MP4A	Mx	-.004	.25
148	MP4B	X	-17.78	.25
149	MP4B	Z	-30.797	.25
150	MP4B	Mx	-.004	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	-20.746	.25
3	MP3A	Mx	0	.25
4	MP3A	X	0	3.25
5	MP3A	Z	-20.746	3.25
6	MP3A	Mx	0	3.25
7	MP3B	X	0	.25
8	MP3B	Z	-13.771	.25
9	MP3B	Mx	.005	.25
10	MP3B	X	0	3.25
11	MP3B	Z	-13.771	3.25
12	MP3B	Mx	.005	3.25
13	MP3C	X	0	.25
14	MP3C	Z	-11.831	.25
15	MP3C	Mx	-.005	.25
16	MP3C	X	0	3.25
17	MP3C	Z	-11.831	3.25
18	MP3C	Mx	-.005	3.25
19	MP1A	X	0	.42
20	MP1A	Z	-30.616	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	-30.616	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	-28.664	.42
27	MP1B	Mx	.016	.42
28	MP1B	X	0	5
29	MP1B	Z	-28.664	5
30	MP1B	Mx	.016	5
31	MP1C	X	0	.42
32	MP1C	Z	-28.121	.42
33	MP1C	Mx	-.018	.42
34	MP1C	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP1C	Z	-28.121	5
36	MP1C	Mx	-.018	5
37	MP5A	X	0	.42
38	MP5A	Z	-30.616	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	-30.616	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	-28.664	.42
45	MP5B	Mx	.016	.42
46	MP5B	X	0	5
47	MP5B	Z	-28.664	5
48	MP5B	Mx	.016	5
49	MP5C	X	0	.42
50	MP5C	Z	-28.121	.42
51	MP5C	Mx	-.018	.42
52	MP5C	X	0	5
53	MP5C	Z	-28.121	5
54	MP5C	Mx	-.018	5
55	MP2A	X	0	2
56	MP2A	Z	-14.681	2
57	MP2A	Mx	0	2
58	MP2B	X	0	2
59	MP2B	Z	-10.73	2
60	MP2B	Mx	.006	2
61	MP2C	X	0	2
62	MP2C	Z	-9.631	2
63	MP2C	Mx	-.006	2
64	MP3A	X	0	2.33
65	MP3A	Z	-17.514	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	-14.394	2.33
69	MP3B	Mx	-.009	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	-13.526	2.33
72	MP3C	Mx	.01	2.33
73	MP4A	X	0	2
74	MP4A	Z	-17.514	2
75	MP4A	Mx	-.012	2
76	MP4B	X	0	2
77	MP4B	Z	-13.208	2
78	MP4B	Mx	-.008	2
79	MP4C	X	0	2
80	MP4C	Z	-12.011	2
81	MP4C	Mx	.009	2
82	OVP	X	0	2.33
83	OVP	Z	-18.513	2.33
84	OVP	Mx	-.007	2.33
85	MP3A	X	0	4.75
86	MP3A	Z	-4.276	4.75
87	MP3A	Mx	0	4.75
88	MP3B	X	0	4.75
89	MP3B	Z	-3.653	4.75
90	MP3B	Mx	-.001	4.75
91	MP3C	X	0	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3C	Z	-3.48	4.75
93	MP3C	Mx	.001	4.75
94	MP4C	X	0	4.75
95	MP4C	Z	-3.48	4.75
96	MP4C	Mx	.001	4.75
97	MP4A	X	0	4.75
98	MP4A	Z	-4.276	4.75
99	MP4A	Mx	0	4.75
100	MP4B	X	0	4.75
101	MP4B	Z	-3.653	4.75
102	MP4B	Mx	-.001	4.75
103	MP4A	X	0	.38
104	MP4A	Z	-49.04	.38
105	MP4A	Mx	-.033	.38
106	MP4A	X	0	4.38
107	MP4A	Z	-49.04	4.38
108	MP4A	Mx	-.033	4.38
109	MP4B	X	0	.38
110	MP4B	Z	-44.694	.38
111	MP4B	Mx	.056	.38
112	MP4B	X	0	4.38
113	MP4B	Z	-44.694	4.38
114	MP4B	Mx	.056	4.38
115	MP4C	X	0	.38
116	MP4C	Z	-43.485	.38
117	MP4C	Mx	-.026	.38
118	MP4C	X	0	4.38
119	MP4C	Z	-43.485	4.38
120	MP4C	Mx	-.026	4.38
121	MP4A	X	0	.38
122	MP4A	Z	-49.04	.38
123	MP4A	Mx	.033	.38
124	MP4A	X	0	4.38
125	MP4A	Z	-49.04	4.38
126	MP4A	Mx	.033	4.38
127	MP4B	X	0	.38
128	MP4B	Z	-44.694	.38
129	MP4B	Mx	.018	.38
130	MP4B	X	0	4.38
131	MP4B	Z	-44.694	4.38
132	MP4B	Mx	.018	4.38
133	MP4C	X	0	.38
134	MP4C	Z	-43.485	.38
135	MP4C	Mx	-.055	.38
136	MP4C	X	0	4.38
137	MP4C	Z	-43.485	4.38
138	MP4C	Mx	-.055	4.38
139	MP4A	X	0	.25
140	MP4A	Z	-9.646	.25
141	MP4A	Mx	0	.25
142	MP4B	X	0	.25
143	MP4B	Z	-5.154	.25
144	MP4B	Mx	-.001	.25
145	MP4A	X	0	.25
146	MP4A	Z	-9.646	.25
147	MP4A	Mx	0	.25
148	MP4B	X	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
149	MP4B	Z	-5.154	.25
150	MP4B	Mx	-.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.887	.25
2	MP3A	Z	-15.393	.25
3	MP3A	Mx	-.004	.25
4	MP3A	X	8.887	3.25
5	MP3A	Z	-15.393	3.25
6	MP3A	Mx	-.004	3.25
7	MP3B	X	4.609	.25
8	MP3B	Z	-7.983	.25
9	MP3B	Mx	.005	.25
10	MP3B	X	4.609	3.25
11	MP3B	Z	-7.983	3.25
12	MP3B	Mx	.005	3.25
13	MP3C	X	8.887	.25
14	MP3C	Z	-15.393	.25
15	MP3C	Mx	-.004	.25
16	MP3C	X	8.887	3.25
17	MP3C	Z	-15.393	3.25
18	MP3C	Mx	-.004	3.25
19	MP1A	X	14.892	.42
20	MP1A	Z	-25.794	.42
21	MP1A	Mx	-.011	.42
22	MP1A	X	14.892	5
23	MP1A	Z	-25.794	5
24	MP1A	Mx	-.011	5
25	MP1B	X	13.695	.42
26	MP1B	Z	-23.72	.42
27	MP1B	Mx	.02	.42
28	MP1B	X	13.695	5
29	MP1B	Z	-23.72	5
30	MP1B	Mx	.02	5
31	MP1C	X	14.892	.42
32	MP1C	Z	-25.794	.42
33	MP1C	Mx	-.011	.42
34	MP1C	X	14.892	5
35	MP1C	Z	-25.794	5
36	MP1C	Mx	-.011	5
37	MP5A	X	14.892	.42
38	MP5A	Z	-25.794	.42
39	MP5A	Mx	-.011	.42
40	MP5A	X	14.892	5
41	MP5A	Z	-25.794	5
42	MP5A	Mx	-.011	5
43	MP5B	X	13.695	.42
44	MP5B	Z	-23.72	.42
45	MP5B	Mx	.02	.42
46	MP5B	X	13.695	5
47	MP5B	Z	-23.72	5
48	MP5B	Mx	.02	5
49	MP5C	X	14.892	.42
50	MP5C	Z	-25.794	.42
51	MP5C	Mx	-.011	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP5C	X	14.892	5
53	MP5C	Z	-25.794	5
54	MP5C	Mx	-.011	5
55	MP2A	X	6.499	2
56	MP2A	Z	-11.256	2
57	MP2A	Mx	-.005	2
58	MP2B	X	4.075	2
59	MP2B	Z	-7.059	2
60	MP2B	Mx	.006	2
61	MP2C	X	6.499	2
62	MP2C	Z	-11.256	2
63	MP2C	Mx	-.005	2
64	MP3A	X	8.092	2.33
65	MP3A	Z	-14.016	2.33
66	MP3A	Mx	.007	2.33
67	MP3B	X	6.179	2.33
68	MP3B	Z	-10.702	2.33
69	MP3B	Mx	-.01	2.33
70	MP3C	X	8.092	2.33
71	MP3C	Z	-14.016	2.33
72	MP3C	Mx	.007	2.33
73	MP4A	X	7.84	2
74	MP4A	Z	-13.579	2
75	MP4A	Mx	-.003	2
76	MP4B	X	5.199	2
77	MP4B	Z	-9.005	2
78	MP4B	Mx	-.009	2
79	MP4C	X	7.84	2
80	MP4C	Z	-13.579	2
81	MP4C	Mx	.007	2
82	OVP	X	7.856	2.33
83	OVP	Z	-13.608	2.33
84	OVP	Mx	-.008	2.33
85	MP3A	X	2.005	4.75
86	MP3A	Z	-3.473	4.75
87	MP3A	Mx	.000835	4.75
88	MP3B	X	1.623	4.75
89	MP3B	Z	-2.812	4.75
90	MP3B	Mx	-.001	4.75
91	MP3C	X	2.005	4.75
92	MP3C	Z	-3.473	4.75
93	MP3C	Mx	.000836	4.75
94	MP4C	X	2.005	4.75
95	MP4C	Z	-3.473	4.75
96	MP4C	Mx	.000836	4.75
97	MP4A	X	2.005	4.75
98	MP4A	Z	-3.473	4.75
99	MP4A	Mx	.000835	4.75
100	MP4B	X	1.623	4.75
101	MP4B	Z	-2.812	4.75
102	MP4B	Mx	-.001	4.75
103	MP4A	X	23.594	.38
104	MP4A	Z	-40.867	.38
105	MP4A	Mx	-.053	.38
106	MP4A	X	23.594	4.38
107	MP4A	Z	-40.867	4.38
108	MP4A	Mx	-.053	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP4B	X	20.928	.38
110	MP4B	Z	-36.249	.38
111	MP4B	Mx	.05	.38
112	MP4B	X	20.928	4.38
113	MP4B	Z	-36.249	4.38
114	MP4B	Mx	.05	4.38
115	MP4C	X	23.594	.38
116	MP4C	Z	-40.867	.38
117	MP4C	Mx	.002	.38
118	MP4C	X	23.594	4.38
119	MP4C	Z	-40.867	4.38
120	MP4C	Mx	.002	4.38
121	MP4A	X	23.594	.38
122	MP4A	Z	-40.867	.38
123	MP4A	Mx	.002	.38
124	MP4A	X	23.594	4.38
125	MP4A	Z	-40.867	4.38
126	MP4A	Mx	.002	4.38
127	MP4B	X	20.928	.38
128	MP4B	Z	-36.249	.38
129	MP4B	Mx	.04	.38
130	MP4B	X	20.928	4.38
131	MP4B	Z	-36.249	4.38
132	MP4B	Mx	.04	4.38
133	MP4C	X	23.594	.38
134	MP4C	Z	-40.867	.38
135	MP4C	Mx	-.053	.38
136	MP4C	X	23.594	4.38
137	MP4C	Z	-40.867	4.38
138	MP4C	Mx	-.053	4.38
139	MP4A	X	4.074	.25
140	MP4A	Z	-7.057	.25
141	MP4A	Mx	.001	.25
142	MP4B	X	1.828	.25
143	MP4B	Z	-3.166	.25
144	MP4B	Mx	-.000914	.25
145	MP4A	X	4.074	.25
146	MP4A	Z	-7.057	.25
147	MP4A	Mx	.001	.25
148	MP4B	X	1.828	.25
149	MP4B	Z	-3.166	.25
150	MP4B	Mx	-.000914	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	10.246	.25
2	MP3A	Z	-5.915	.25
3	MP3A	Mx	-.005	.25
4	MP3A	X	10.246	3.25
5	MP3A	Z	-5.915	3.25
6	MP3A	Mx	-.005	3.25
7	MP3B	X	8.877	.25
8	MP3B	Z	-5.125	.25
9	MP3B	Mx	.005	.25
10	MP3B	X	8.877	3.25
11	MP3B	Z	-5.125	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3B	Mx	.005	3.25
13	MP3C	X	17.967	.25
14	MP3C	Z	-10.373	.25
15	MP3C	Mx	0	.25
16	MP3C	X	17.967	3.25
17	MP3C	Z	-10.373	3.25
18	MP3C	Mx	0	3.25
19	MP1A	X	24.354	.42
20	MP1A	Z	-14.061	.42
21	MP1A	Mx	-.018	.42
22	MP1A	X	24.354	5
23	MP1A	Z	-14.061	5
24	MP1A	Mx	-.018	5
25	MP1B	X	23.97	.42
26	MP1B	Z	-13.839	.42
27	MP1B	Mx	.02	.42
28	MP1B	X	23.97	5
29	MP1B	Z	-13.839	5
30	MP1B	Mx	.02	5
31	MP1C	X	26.515	.42
32	MP1C	Z	-15.308	.42
33	MP1C	Mx	0	.42
34	MP1C	X	26.515	5
35	MP1C	Z	-15.308	5
36	MP1C	Mx	0	5
37	MP5A	X	24.354	.42
38	MP5A	Z	-14.061	.42
39	MP5A	Mx	-.018	.42
40	MP5A	X	24.354	5
41	MP5A	Z	-14.061	5
42	MP5A	Mx	-.018	5
43	MP5B	X	23.97	.42
44	MP5B	Z	-13.839	.42
45	MP5B	Mx	.02	.42
46	MP5B	X	23.97	5
47	MP5B	Z	-13.839	5
48	MP5B	Mx	.02	5
49	MP5C	X	26.515	.42
50	MP5C	Z	-15.308	.42
51	MP5C	Mx	0	.42
52	MP5C	X	26.515	5
53	MP5C	Z	-15.308	5
54	MP5C	Mx	0	5
55	MP2A	X	8.341	2
56	MP2A	Z	-4.816	2
57	MP2A	Mx	-.006	2
58	MP2B	X	7.565	2
59	MP2B	Z	-4.368	2
60	MP2B	Mx	.006	2
61	MP2C	X	12.714	2
62	MP2C	Z	-7.341	2
63	MP2C	Mx	0	2
64	MP3A	X	11.714	2.33
65	MP3A	Z	-6.763	2.33
66	MP3A	Mx	.01	2.33
67	MP3B	X	11.101	2.33
68	MP3B	Z	-6.409	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3B	Mx	-.01	2.33
70	MP3C	X	15.167	2.33
71	MP3C	Z	-8.757	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	10.402	2
74	MP4A	Z	-6.005	2
75	MP4A	Mx	.005	2
76	MP4B	X	9.556	2
77	MP4B	Z	-5.517	2
78	MP4B	Mx	-.009	2
79	MP4C	X	15.167	2
80	MP4C	Z	-8.757	2
81	MP4C	Mx	0	2
82	OVP	X	14.157	2.33
83	OVP	Z	-8.174	2.33
84	OVP	Mx	-.008	2.33
85	MP3A	X	3.014	4.75
86	MP3A	Z	-1.74	4.75
87	MP3A	Mx	.001	4.75
88	MP3B	X	2.892	4.75
89	MP3B	Z	-1.669	4.75
90	MP3B	Mx	-.001	4.75
91	MP3C	X	3.703	4.75
92	MP3C	Z	-2.138	4.75
93	MP3C	Mx	0	4.75
94	MP4C	X	3.703	4.75
95	MP4C	Z	-2.138	4.75
96	MP4C	Mx	0	4.75
97	MP4A	X	3.014	4.75
98	MP4A	Z	-1.74	4.75
99	MP4A	Mx	.001	4.75
100	MP4B	X	2.892	4.75
101	MP4B	Z	-1.669	4.75
102	MP4B	Mx	-.001	4.75
103	MP4A	X	37.659	.38
104	MP4A	Z	-21.743	.38
105	MP4A	Mx	-.055	.38
106	MP4A	X	37.659	4.38
107	MP4A	Z	-21.743	4.38
108	MP4A	Mx	-.055	4.38
109	MP4B	X	36.806	.38
110	MP4B	Z	-21.25	.38
111	MP4B	Mx	.034	.38
112	MP4B	X	36.806	4.38
113	MP4B	Z	-21.25	4.38
114	MP4B	Mx	.034	4.38
115	MP4C	X	42.47	.38
116	MP4C	Z	-24.52	.38
117	MP4C	Mx	.033	.38
118	MP4C	X	42.47	4.38
119	MP4C	Z	-24.52	4.38
120	MP4C	Mx	.033	4.38
121	MP4A	X	37.659	.38
122	MP4A	Z	-21.743	.38
123	MP4A	Mx	-.026	.38
124	MP4A	X	37.659	4.38
125	MP4A	Z	-21.743	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP4A	Mx	-.026	4.38
127	MP4B	X	36.806	.38
128	MP4B	Z	-21.25	.38
129	MP4B	Mx	.053	.38
130	MP4B	X	36.806	4.38
131	MP4B	Z	-21.25	4.38
132	MP4B	Mx	.053	4.38
133	MP4C	X	42.47	.38
134	MP4C	Z	-24.52	.38
135	MP4C	Mx	-.033	.38
136	MP4C	X	42.47	4.38
137	MP4C	Z	-24.52	4.38
138	MP4C	Mx	-.033	4.38
139	MP4A	X	4.463	.25
140	MP4A	Z	-2.577	.25
141	MP4A	Mx	.001	.25
142	MP4B	X	4.463	.25
143	MP4B	Z	-2.577	.25
144	MP4B	Mx	-.001	.25
145	MP4A	X	4.463	.25
146	MP4A	Z	-2.577	.25
147	MP4A	Mx	.001	.25
148	MP4B	X	4.463	.25
149	MP4B	Z	-2.577	.25
150	MP4B	Mx	-.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.859	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	-.004	.25
4	MP3A	X	8.859	3.25
5	MP3A	Z	0	3.25
6	MP3A	Mx	-.004	3.25
7	MP3B	X	15.835	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	.005	.25
10	MP3B	X	15.835	3.25
11	MP3B	Z	0	3.25
12	MP3B	Mx	.005	3.25
13	MP3C	X	17.774	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	.004	.25
16	MP3C	X	17.774	3.25
17	MP3C	Z	0	3.25
18	MP3C	Mx	.004	3.25
19	MP1A	X	27.289	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	-.02	.42
22	MP1A	X	27.289	5
23	MP1A	Z	0	5
24	MP1A	Mx	-.02	5
25	MP1B	X	29.242	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	.014	.42
28	MP1B	X	29.242	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	0	5
30	MP1B	Mx	.014	5
31	MP1C	X	29.785	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	.011	.42
34	MP1C	X	29.785	5
35	MP1C	Z	0	5
36	MP1C	Mx	.011	5
37	MP5A	X	27.289	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	-.02	.42
40	MP5A	X	27.289	5
41	MP5A	Z	0	5
42	MP5A	Mx	-.02	5
43	MP5B	X	29.242	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	.014	.42
46	MP5B	X	29.242	5
47	MP5B	Z	0	5
48	MP5B	Mx	.014	5
49	MP5C	X	29.785	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	.011	.42
52	MP5C	X	29.785	5
53	MP5C	Z	0	5
54	MP5C	Mx	.011	5
55	MP2A	X	7.948	2
56	MP2A	Z	0	2
57	MP2A	Mx	-.006	2
58	MP2B	X	11.899	2
59	MP2B	Z	0	2
60	MP2B	Mx	.006	2
61	MP2C	X	12.998	2
62	MP2C	Z	0	2
63	MP2C	Mx	.005	2
64	MP3A	X	12.197	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	.01	2.33
67	MP3B	X	15.317	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	-.008	2.33
70	MP3C	X	16.184	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	-.007	2.33
73	MP4A	X	10.176	2
74	MP4A	Z	0	2
75	MP4A	Mx	.008	2
76	MP4B	X	14.482	2
77	MP4B	Z	0	2
78	MP4B	Mx	-.008	2
79	MP4C	X	15.679	2
80	MP4C	Z	0	2
81	MP4C	Mx	-.007	2
82	OVP	X	19.783	2.33
83	OVP	Z	0	2.33
84	OVP	Mx	-.006	2.33
85	MP3A	X	3.215	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3A	Z	0	4.75
87	MP3A	Mx	.001	4.75
88	MP3B	X	3.837	4.75
89	MP3B	Z	0	4.75
90	MP3B	Mx	-.001	4.75
91	MP3C	X	4.011	4.75
92	MP3C	Z	0	4.75
93	MP3C	Mx	-.000836	4.75
94	MP4C	X	4.011	4.75
95	MP4C	Z	0	4.75
96	MP4C	Mx	-.000836	4.75
97	MP4A	X	3.215	4.75
98	MP4A	Z	0	4.75
99	MP4A	Mx	.001	4.75
100	MP4B	X	3.837	4.75
101	MP4B	Z	0	4.75
102	MP4B	Mx	-.001	4.75
103	MP4A	X	41.633	.38
104	MP4A	Z	0	.38
105	MP4A	Mx	-.045	.38
106	MP4A	X	41.633	4.38
107	MP4A	Z	0	4.38
108	MP4A	Mx	-.045	4.38
109	MP4B	X	45.98	.38
110	MP4B	Z	0	.38
111	MP4B	Mx	.009	.38
112	MP4B	X	45.98	4.38
113	MP4B	Z	0	4.38
114	MP4B	Mx	.009	4.38
115	MP4C	X	47.189	.38
116	MP4C	Z	0	.38
117	MP4C	Mx	.053	.38
118	MP4C	X	47.189	4.38
119	MP4C	Z	0	4.38
120	MP4C	Mx	.053	4.38
121	MP4A	X	41.633	.38
122	MP4A	Z	0	.38
123	MP4A	Mx	-.045	.38
124	MP4A	X	41.633	4.38
125	MP4A	Z	0	4.38
126	MP4A	Mx	-.045	4.38
127	MP4B	X	45.98	.38
128	MP4B	Z	0	.38
129	MP4B	Mx	.056	.38
130	MP4B	X	45.98	4.38
131	MP4B	Z	0	4.38
132	MP4B	Mx	.056	4.38
133	MP4C	X	47.189	.38
134	MP4C	Z	0	.38
135	MP4C	Mx	-.002	.38
136	MP4C	X	47.189	4.38
137	MP4C	Z	0	4.38
138	MP4C	Mx	-.002	4.38
139	MP4A	X	3.656	.25
140	MP4A	Z	0	.25
141	MP4A	Mx	.000914	.25
142	MP4B	X	8.148	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
143	MP4B	Z	0	.25
144	MP4B	Mx	-.001	.25
145	MP4A	X	3.656	.25
146	MP4A	Z	0	.25
147	MP4A	Mx	.000914	.25
148	MP4B	X	8.148	.25
149	MP4B	Z	0	.25
150	MP4B	Mx	-.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	10.246	.25
2	MP3A	Z	5.915	.25
3	MP3A	Mx	-.005	.25
4	MP3A	X	10.246	3.25
5	MP3A	Z	5.915	3.25
6	MP3A	Mx	-.005	3.25
7	MP3B	X	17.656	.25
8	MP3B	Z	10.194	.25
9	MP3B	Mx	.002	.25
10	MP3B	X	17.656	3.25
11	MP3B	Z	10.194	3.25
12	MP3B	Mx	.002	3.25
13	MP3C	X	10.246	.25
14	MP3C	Z	5.915	.25
15	MP3C	Mx	.005	.25
16	MP3C	X	10.246	3.25
17	MP3C	Z	5.915	3.25
18	MP3C	Mx	.005	3.25
19	MP1A	X	24.354	.42
20	MP1A	Z	14.061	.42
21	MP1A	Mx	-.018	.42
22	MP1A	X	24.354	5
23	MP1A	Z	14.061	5
24	MP1A	Mx	-.018	5
25	MP1B	X	26.428	.42
26	MP1B	Z	15.258	.42
27	MP1B	Mx	.004	.42
28	MP1B	X	26.428	5
29	MP1B	Z	15.258	5
30	MP1B	Mx	.004	5
31	MP1C	X	24.354	.42
32	MP1C	Z	14.061	.42
33	MP1C	Mx	.018	.42
34	MP1C	X	24.354	5
35	MP1C	Z	14.061	5
36	MP1C	Mx	.018	5
37	MP5A	X	24.354	.42
38	MP5A	Z	14.061	.42
39	MP5A	Mx	-.018	.42
40	MP5A	X	24.354	5
41	MP5A	Z	14.061	5
42	MP5A	Mx	-.018	5
43	MP5B	X	26.428	.42
44	MP5B	Z	15.258	.42
45	MP5B	Mx	.004	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP5B	X	26.428	5
47	MP5B	Z	15.258	5
48	MP5B	Mx	.004	5
49	MP5C	X	24.354	.42
50	MP5C	Z	14.061	.42
51	MP5C	Mx	.018	.42
52	MP5C	X	24.354	5
53	MP5C	Z	14.061	5
54	MP5C	Mx	.018	5
55	MP2A	X	8.341	2
56	MP2A	Z	4.816	2
57	MP2A	Mx	-.006	2
58	MP2B	X	12.538	2
59	MP2B	Z	7.239	2
60	MP2B	Mx	.002	2
61	MP2C	X	8.341	2
62	MP2C	Z	4.816	2
63	MP2C	Mx	.006	2
64	MP3A	X	11.714	2.33
65	MP3A	Z	6.763	2.33
66	MP3A	Mx	.01	2.33
67	MP3B	X	15.028	2.33
68	MP3B	Z	8.677	2.33
69	MP3B	Mx	-.003	2.33
70	MP3C	X	11.714	2.33
71	MP3C	Z	6.763	2.33
72	MP3C	Mx	-.01	2.33
73	MP4A	X	10.402	2
74	MP4A	Z	6.005	2
75	MP4A	Mx	.013	2
76	MP4B	X	14.976	2
77	MP4B	Z	8.646	2
78	MP4B	Mx	-.003	2
79	MP4C	X	10.402	2
80	MP4C	Z	6.005	2
81	MP4C	Mx	-.009	2
82	OVP	X	19.558	2.33
83	OVP	Z	11.292	2.33
84	OVP	Mx	-.002	2.33
85	MP3A	X	3.014	4.75
86	MP3A	Z	1.74	4.75
87	MP3A	Mx	.001	4.75
88	MP3B	X	3.675	4.75
89	MP3B	Z	2.122	4.75
90	MP3B	Mx	-.000307	4.75
91	MP3C	X	3.014	4.75
92	MP3C	Z	1.74	4.75
93	MP3C	Mx	-.001	4.75
94	MP4C	X	3.014	4.75
95	MP4C	Z	1.74	4.75
96	MP4C	Mx	-.001	4.75
97	MP4A	X	3.014	4.75
98	MP4A	Z	1.74	4.75
99	MP4A	Mx	.001	4.75
100	MP4B	X	3.675	4.75
101	MP4B	Z	2.122	4.75
102	MP4B	Mx	-.000307	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP4A	X	37.659	.38
104	MP4A	Z	21.743	.38
105	MP4A	Mx	-.026	.38
106	MP4A	X	37.659	4.38
107	MP4A	Z	21.743	4.38
108	MP4A	Mx	-.026	4.38
109	MP4B	X	42.277	.38
110	MP4B	Z	24.409	.38
111	MP4B	Mx	-.023	.38
112	MP4B	X	42.277	4.38
113	MP4B	Z	24.409	4.38
114	MP4B	Mx	-.023	4.38
115	MP4C	X	37.659	.38
116	MP4C	Z	21.743	.38
117	MP4C	Mx	.055	.38
118	MP4C	X	37.659	4.38
119	MP4C	Z	21.743	4.38
120	MP4C	Mx	.055	4.38
121	MP4A	X	37.659	.38
122	MP4A	Z	21.743	.38
123	MP4A	Mx	-.055	.38
124	MP4A	X	37.659	4.38
125	MP4A	Z	21.743	4.38
126	MP4A	Mx	-.055	4.38
127	MP4B	X	42.277	.38
128	MP4B	Z	24.409	.38
129	MP4B	Mx	.041	.38
130	MP4B	X	42.277	4.38
131	MP4B	Z	24.409	4.38
132	MP4B	Mx	.041	4.38
133	MP4C	X	37.659	.38
134	MP4C	Z	21.743	.38
135	MP4C	Mx	.026	.38
136	MP4C	X	37.659	4.38
137	MP4C	Z	21.743	4.38
138	MP4C	Mx	.026	4.38
139	MP4A	X	4.463	.25
140	MP4A	Z	2.577	.25
141	MP4A	Mx	.001	.25
142	MP4B	X	8.353	.25
143	MP4B	Z	4.823	.25
144	MP4B	Mx	0	.25
145	MP4A	X	4.463	.25
146	MP4A	Z	2.577	.25
147	MP4A	Mx	.001	.25
148	MP4B	X	8.353	.25
149	MP4B	Z	4.823	.25
150	MP4B	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.887	.25
2	MP3A	Z	15.393	.25
3	MP3A	Mx	-.004	.25
4	MP3A	X	8.887	3.25
5	MP3A	Z	15.393	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	-.004	3.25
7	MP3B	X	9.678	.25
8	MP3B	Z	16.762	.25
9	MP3B	Mx	-.003	.25
10	MP3B	X	9.678	3.25
11	MP3B	Z	16.762	3.25
12	MP3B	Mx	-.003	3.25
13	MP3C	X	4.43	.25
14	MP3C	Z	7.672	.25
15	MP3C	Mx	.004	.25
16	MP3C	X	4.43	3.25
17	MP3C	Z	7.672	3.25
18	MP3C	Mx	.004	3.25
19	MP1A	X	14.892	.42
20	MP1A	Z	25.794	.42
21	MP1A	Mx	-.011	.42
22	MP1A	X	14.892	5
23	MP1A	Z	25.794	5
24	MP1A	Mx	-.011	5
25	MP1B	X	15.114	.42
26	MP1B	Z	26.178	.42
27	MP1B	Mx	-.008	.42
28	MP1B	X	15.114	5
29	MP1B	Z	26.178	5
30	MP1B	Mx	-.008	5
31	MP1C	X	13.645	.42
32	MP1C	Z	23.633	.42
33	MP1C	Mx	.02	.42
34	MP1C	X	13.645	5
35	MP1C	Z	23.633	5
36	MP1C	Mx	.02	5
37	MP5A	X	14.892	.42
38	MP5A	Z	25.794	.42
39	MP5A	Mx	-.011	.42
40	MP5A	X	14.892	5
41	MP5A	Z	25.794	5
42	MP5A	Mx	-.011	5
43	MP5B	X	15.114	.42
44	MP5B	Z	26.178	.42
45	MP5B	Mx	-.008	.42
46	MP5B	X	15.114	5
47	MP5B	Z	26.178	5
48	MP5B	Mx	-.008	5
49	MP5C	X	13.645	.42
50	MP5C	Z	23.633	.42
51	MP5C	Mx	.02	.42
52	MP5C	X	13.645	5
53	MP5C	Z	23.633	5
54	MP5C	Mx	.02	5
55	MP2A	X	6.499	2
56	MP2A	Z	11.256	2
57	MP2A	Mx	-.005	2
58	MP2B	X	6.947	2
59	MP2B	Z	12.032	2
60	MP2B	Mx	-.004	2
61	MP2C	X	3.974	2
62	MP2C	Z	6.883	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2C	Mx	.006	2
64	MP3A	X	8.092	2.33
65	MP3A	Z	14.016	2.33
66	MP3A	Mx	.007	2.33
67	MP3B	X	8.446	2.33
68	MP3B	Z	14.629	2.33
69	MP3B	Mx	.005	2.33
70	MP3C	X	6.098	2.33
71	MP3C	Z	10.563	2.33
72	MP3C	Mx	-.01	2.33
73	MP4A	X	7.84	2
74	MP4A	Z	13.579	2
75	MP4A	Mx	.016	2
76	MP4B	X	8.328	2
77	MP4B	Z	14.424	2
78	MP4B	Mx	.005	2
79	MP4C	X	5.088	2
80	MP4C	Z	8.813	2
81	MP4C	Mx	-.008	2
82	OVP	X	10.974	2.33
83	OVP	Z	19.008	2.33
84	OVP	Mx	.004	2.33
85	MP3A	X	2.005	4.75
86	MP3A	Z	3.473	4.75
87	MP3A	Mx	.000835	4.75
88	MP3B	X	2.076	4.75
89	MP3B	Z	3.596	4.75
90	MP3B	Mx	.000592	4.75
91	MP3C	X	1.607	4.75
92	MP3C	Z	2.784	4.75
93	MP3C	Mx	-.001	4.75
94	MP4C	X	1.607	4.75
95	MP4C	Z	2.784	4.75
96	MP4C	Mx	-.001	4.75
97	MP4A	X	2.005	4.75
98	MP4A	Z	3.473	4.75
99	MP4A	Mx	.000835	4.75
100	MP4B	X	2.076	4.75
101	MP4B	Z	3.596	4.75
102	MP4B	Mx	.000592	4.75
103	MP4A	X	23.594	.38
104	MP4A	Z	40.867	.38
105	MP4A	Mx	.002	.38
106	MP4A	X	23.594	4.38
107	MP4A	Z	40.867	4.38
108	MP4A	Mx	.002	4.38
109	MP4B	X	24.087	.38
110	MP4B	Z	41.72	.38
111	MP4B	Mx	-.048	.38
112	MP4B	X	24.087	4.38
113	MP4B	Z	41.72	4.38
114	MP4B	Mx	-.048	4.38
115	MP4C	X	20.817	.38
116	MP4C	Z	36.055	.38
117	MP4C	Mx	.045	.38
118	MP4C	X	20.817	4.38
119	MP4C	Z	36.055	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
120	MP4C	Mx	.045	4.38
121	MP4A	X	23.594	.38
122	MP4A	Z	40.867	.38
123	MP4A	Mx	-.053	.38
124	MP4A	X	23.594	4.38
125	MP4A	Z	40.867	4.38
126	MP4A	Mx	-.053	4.38
127	MP4B	X	24.087	.38
128	MP4B	Z	41.72	.38
129	MP4B	Mx	.012	.38
130	MP4B	X	24.087	4.38
131	MP4B	Z	41.72	4.38
132	MP4B	Mx	.012	4.38
133	MP4C	X	20.817	.38
134	MP4C	Z	36.055	.38
135	MP4C	Mx	.045	.38
136	MP4C	X	20.817	4.38
137	MP4C	Z	36.055	4.38
138	MP4C	Mx	.045	4.38
139	MP4A	X	4.074	.25
140	MP4A	Z	7.057	.25
141	MP4A	Mx	.001	.25
142	MP4B	X	4.074	.25
143	MP4B	Z	7.057	.25
144	MP4B	Mx	.001	.25
145	MP4A	X	4.074	.25
146	MP4A	Z	7.057	.25
147	MP4A	Mx	.001	.25
148	MP4B	X	4.074	.25
149	MP4B	Z	7.057	.25
150	MP4B	Mx	.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	20.746	.25
3	MP3A	Mx	0	.25
4	MP3A	X	0	3.25
5	MP3A	Z	20.746	3.25
6	MP3A	Mx	0	3.25
7	MP3B	X	0	.25
8	MP3B	Z	13.771	.25
9	MP3B	Mx	-.005	.25
10	MP3B	X	0	3.25
11	MP3B	Z	13.771	3.25
12	MP3B	Mx	-.005	3.25
13	MP3C	X	0	.25
14	MP3C	Z	11.831	.25
15	MP3C	Mx	.005	.25
16	MP3C	X	0	3.25
17	MP3C	Z	11.831	3.25
18	MP3C	Mx	.005	3.25
19	MP1A	X	0	.42
20	MP1A	Z	30.616	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP1A	Z	30.616	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	28.664	.42
27	MP1B	Mx	-.016	.42
28	MP1B	X	0	5
29	MP1B	Z	28.664	5
30	MP1B	Mx	-.016	5
31	MP1C	X	0	.42
32	MP1C	Z	28.121	.42
33	MP1C	Mx	.018	.42
34	MP1C	X	0	5
35	MP1C	Z	28.121	5
36	MP1C	Mx	.018	5
37	MP5A	X	0	.42
38	MP5A	Z	30.616	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	30.616	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	28.664	.42
45	MP5B	Mx	-.016	.42
46	MP5B	X	0	5
47	MP5B	Z	28.664	5
48	MP5B	Mx	-.016	5
49	MP5C	X	0	.42
50	MP5C	Z	28.121	.42
51	MP5C	Mx	.018	.42
52	MP5C	X	0	5
53	MP5C	Z	28.121	5
54	MP5C	Mx	.018	5
55	MP2A	X	0	2
56	MP2A	Z	14.681	2
57	MP2A	Mx	0	2
58	MP2B	X	0	2
59	MP2B	Z	10.73	2
60	MP2B	Mx	-.006	2
61	MP2C	X	0	2
62	MP2C	Z	9.631	2
63	MP2C	Mx	.006	2
64	MP3A	X	0	2.33
65	MP3A	Z	17.514	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	14.394	2.33
69	MP3B	Mx	.009	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	13.526	2.33
72	MP3C	Mx	-.01	2.33
73	MP4A	X	0	2
74	MP4A	Z	17.514	2
75	MP4A	Mx	.012	2
76	MP4B	X	0	2
77	MP4B	Z	13.208	2
78	MP4B	Mx	.008	2
79	MP4C	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP4C	Z	12.011	2
81	MP4C	Mx	-.009	2
82	OVP	X	0	2.33
83	OVP	Z	18.513	2.33
84	OVP	Mx	.007	2.33
85	MP3A	X	0	4.75
86	MP3A	Z	4.276	4.75
87	MP3A	Mx	0	4.75
88	MP3B	X	0	4.75
89	MP3B	Z	3.653	4.75
90	MP3B	Mx	.001	4.75
91	MP3C	X	0	4.75
92	MP3C	Z	3.48	4.75
93	MP3C	Mx	-.001	4.75
94	MP4C	X	0	4.75
95	MP4C	Z	3.48	4.75
96	MP4C	Mx	-.001	4.75
97	MP4A	X	0	4.75
98	MP4A	Z	4.276	4.75
99	MP4A	Mx	0	4.75
100	MP4B	X	0	4.75
101	MP4B	Z	3.653	4.75
102	MP4B	Mx	.001	4.75
103	MP4A	X	0	.38
104	MP4A	Z	49.04	.38
105	MP4A	Mx	.033	.38
106	MP4A	X	0	4.38
107	MP4A	Z	49.04	4.38
108	MP4A	Mx	.033	4.38
109	MP4B	X	0	.38
110	MP4B	Z	44.694	.38
111	MP4B	Mx	-.056	.38
112	MP4B	X	0	4.38
113	MP4B	Z	44.694	4.38
114	MP4B	Mx	-.056	4.38
115	MP4C	X	0	.38
116	MP4C	Z	43.485	.38
117	MP4C	Mx	.026	.38
118	MP4C	X	0	4.38
119	MP4C	Z	43.485	4.38
120	MP4C	Mx	.026	4.38
121	MP4A	X	0	.38
122	MP4A	Z	49.04	.38
123	MP4A	Mx	-.033	.38
124	MP4A	X	0	4.38
125	MP4A	Z	49.04	4.38
126	MP4A	Mx	-.033	4.38
127	MP4B	X	0	.38
128	MP4B	Z	44.694	.38
129	MP4B	Mx	-.018	.38
130	MP4B	X	0	4.38
131	MP4B	Z	44.694	4.38
132	MP4B	Mx	-.018	4.38
133	MP4C	X	0	.38
134	MP4C	Z	43.485	.38
135	MP4C	Mx	.055	.38
136	MP4C	X	0	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
137	MP4C	Z	43.485	4.38
138	MP4C	Mx	.055	4.38
139	MP4A	X	0	.25
140	MP4A	Z	9.646	.25
141	MP4A	Mx	0	.25
142	MP4B	X	0	.25
143	MP4B	Z	5.154	.25
144	MP4B	Mx	.001	.25
145	MP4A	X	0	.25
146	MP4A	Z	9.646	.25
147	MP4A	Mx	0	.25
148	MP4B	X	0	.25
149	MP4B	Z	5.154	.25
150	MP4B	Mx	.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.887	.25
2	MP3A	Z	15.393	.25
3	MP3A	Mx	.004	.25
4	MP3A	X	-8.887	3.25
5	MP3A	Z	15.393	3.25
6	MP3A	Mx	.004	3.25
7	MP3B	X	-4.609	.25
8	MP3B	Z	7.983	.25
9	MP3B	Mx	-.005	.25
10	MP3B	X	-4.609	3.25
11	MP3B	Z	7.983	3.25
12	MP3B	Mx	-.005	3.25
13	MP3C	X	-8.887	.25
14	MP3C	Z	15.393	.25
15	MP3C	Mx	.004	.25
16	MP3C	X	-8.887	3.25
17	MP3C	Z	15.393	3.25
18	MP3C	Mx	.004	3.25
19	MP1A	X	-14.892	.42
20	MP1A	Z	25.794	.42
21	MP1A	Mx	.011	.42
22	MP1A	X	-14.892	5
23	MP1A	Z	25.794	5
24	MP1A	Mx	.011	5
25	MP1B	X	-13.695	.42
26	MP1B	Z	23.72	.42
27	MP1B	Mx	-.02	.42
28	MP1B	X	-13.695	5
29	MP1B	Z	23.72	5
30	MP1B	Mx	-.02	5
31	MP1C	X	-14.892	.42
32	MP1C	Z	25.794	.42
33	MP1C	Mx	.011	.42
34	MP1C	X	-14.892	5
35	MP1C	Z	25.794	5
36	MP1C	Mx	.011	5
37	MP5A	X	-14.892	.42
38	MP5A	Z	25.794	.42
39	MP5A	Mx	.011	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP5A	X	-14.892	5
41	MP5A	Z	25.794	5
42	MP5A	Mx	.011	5
43	MP5B	X	-13.695	.42
44	MP5B	Z	23.72	.42
45	MP5B	Mx	-.02	.42
46	MP5B	X	-13.695	5
47	MP5B	Z	23.72	5
48	MP5B	Mx	-.02	5
49	MP5C	X	-14.892	.42
50	MP5C	Z	25.794	.42
51	MP5C	Mx	.011	.42
52	MP5C	X	-14.892	5
53	MP5C	Z	25.794	5
54	MP5C	Mx	.011	5
55	MP2A	X	-6.499	2
56	MP2A	Z	11.256	2
57	MP2A	Mx	.005	2
58	MP2B	X	-4.075	2
59	MP2B	Z	7.059	2
60	MP2B	Mx	-.006	2
61	MP2C	X	-6.499	2
62	MP2C	Z	11.256	2
63	MP2C	Mx	.005	2
64	MP3A	X	-8.092	2.33
65	MP3A	Z	14.016	2.33
66	MP3A	Mx	-.007	2.33
67	MP3B	X	-6.179	2.33
68	MP3B	Z	10.702	2.33
69	MP3B	Mx	.01	2.33
70	MP3C	X	-8.092	2.33
71	MP3C	Z	14.016	2.33
72	MP3C	Mx	-.007	2.33
73	MP4A	X	-7.84	2
74	MP4A	Z	13.579	2
75	MP4A	Mx	.003	2
76	MP4B	X	-5.199	2
77	MP4B	Z	9.005	2
78	MP4B	Mx	.009	2
79	MP4C	X	-7.84	2
80	MP4C	Z	13.579	2
81	MP4C	Mx	-.007	2
82	OVP	X	-7.856	2.33
83	OVP	Z	13.608	2.33
84	OVP	Mx	.008	2.33
85	MP3A	X	-2.005	4.75
86	MP3A	Z	3.473	4.75
87	MP3A	Mx	-.000835	4.75
88	MP3B	X	-1.623	4.75
89	MP3B	Z	2.812	4.75
90	MP3B	Mx	.001	4.75
91	MP3C	X	-2.005	4.75
92	MP3C	Z	3.473	4.75
93	MP3C	Mx	-.000836	4.75
94	MP4C	X	-2.005	4.75
95	MP4C	Z	3.473	4.75
96	MP4C	Mx	-.000836	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP4A	X	-2.005	4.75
98	MP4A	Z	3.473	4.75
99	MP4A	Mx	-.000835	4.75
100	MP4B	X	-1.623	4.75
101	MP4B	Z	2.812	4.75
102	MP4B	Mx	.001	4.75
103	MP4A	X	-23.594	.38
104	MP4A	Z	40.867	.38
105	MP4A	Mx	.053	.38
106	MP4A	X	-23.594	4.38
107	MP4A	Z	40.867	4.38
108	MP4A	Mx	.053	4.38
109	MP4B	X	-20.928	.38
110	MP4B	Z	36.249	.38
111	MP4B	Mx	-.05	.38
112	MP4B	X	-20.928	4.38
113	MP4B	Z	36.249	4.38
114	MP4B	Mx	-.05	4.38
115	MP4C	X	-23.594	.38
116	MP4C	Z	40.867	.38
117	MP4C	Mx	-.002	.38
118	MP4C	X	-23.594	4.38
119	MP4C	Z	40.867	4.38
120	MP4C	Mx	-.002	4.38
121	MP4A	X	-23.594	.38
122	MP4A	Z	40.867	.38
123	MP4A	Mx	-.002	.38
124	MP4A	X	-23.594	4.38
125	MP4A	Z	40.867	4.38
126	MP4A	Mx	-.002	4.38
127	MP4B	X	-20.928	.38
128	MP4B	Z	36.249	.38
129	MP4B	Mx	-.04	.38
130	MP4B	X	-20.928	4.38
131	MP4B	Z	36.249	4.38
132	MP4B	Mx	-.04	4.38
133	MP4C	X	-23.594	.38
134	MP4C	Z	40.867	.38
135	MP4C	Mx	.053	.38
136	MP4C	X	-23.594	4.38
137	MP4C	Z	40.867	4.38
138	MP4C	Mx	.053	4.38
139	MP4A	X	-4.074	.25
140	MP4A	Z	7.057	.25
141	MP4A	Mx	-.001	.25
142	MP4B	X	-1.828	.25
143	MP4B	Z	3.166	.25
144	MP4B	Mx	.000914	.25
145	MP4A	X	-4.074	.25
146	MP4A	Z	7.057	.25
147	MP4A	Mx	-.001	.25
148	MP4B	X	-1.828	.25
149	MP4B	Z	3.166	.25
150	MP4B	Mx	.000914	.25

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-10.246	.25
2	MP3A	Z	5.915	.25
3	MP3A	Mx	.005	.25
4	MP3A	X	-10.246	3.25
5	MP3A	Z	5.915	3.25
6	MP3A	Mx	.005	3.25
7	MP3B	X	-8.877	.25
8	MP3B	Z	5.125	.25
9	MP3B	Mx	-.005	.25
10	MP3B	X	-8.877	3.25
11	MP3B	Z	5.125	3.25
12	MP3B	Mx	-.005	3.25
13	MP3C	X	-17.967	.25
14	MP3C	Z	10.373	.25
15	MP3C	Mx	0	.25
16	MP3C	X	-17.967	3.25
17	MP3C	Z	10.373	3.25
18	MP3C	Mx	0	3.25
19	MP1A	X	-24.354	.42
20	MP1A	Z	14.061	.42
21	MP1A	Mx	.018	.42
22	MP1A	X	-24.354	5
23	MP1A	Z	14.061	5
24	MP1A	Mx	.018	5
25	MP1B	X	-23.97	.42
26	MP1B	Z	13.839	.42
27	MP1B	Mx	-.02	.42
28	MP1B	X	-23.97	5
29	MP1B	Z	13.839	5
30	MP1B	Mx	-.02	5
31	MP1C	X	-26.515	.42
32	MP1C	Z	15.308	.42
33	MP1C	Mx	0	.42
34	MP1C	X	-26.515	5
35	MP1C	Z	15.308	5
36	MP1C	Mx	0	5
37	MP5A	X	-24.354	.42
38	MP5A	Z	14.061	.42
39	MP5A	Mx	.018	.42
40	MP5A	X	-24.354	5
41	MP5A	Z	14.061	5
42	MP5A	Mx	.018	5
43	MP5B	X	-23.97	.42
44	MP5B	Z	13.839	.42
45	MP5B	Mx	-.02	.42
46	MP5B	X	-23.97	5
47	MP5B	Z	13.839	5
48	MP5B	Mx	-.02	5
49	MP5C	X	-26.515	.42
50	MP5C	Z	15.308	.42
51	MP5C	Mx	0	.42
52	MP5C	X	-26.515	5
53	MP5C	Z	15.308	5
54	MP5C	Mx	0	5
55	MP2A	X	-8.341	2
56	MP2A	Z	4.816	2
57	MP2A	Mx	.006	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-7.565	2
59	MP2B	Z	4.368	2
60	MP2B	Mx	-.006	2
61	MP2C	X	-12.714	2
62	MP2C	Z	7.341	2
63	MP2C	Mx	0	2
64	MP3A	X	-11.714	2.33
65	MP3A	Z	6.763	2.33
66	MP3A	Mx	-.01	2.33
67	MP3B	X	-11.101	2.33
68	MP3B	Z	6.409	2.33
69	MP3B	Mx	.01	2.33
70	MP3C	X	-15.167	2.33
71	MP3C	Z	8.757	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	-10.402	2
74	MP4A	Z	6.005	2
75	MP4A	Mx	-.005	2
76	MP4B	X	-9.556	2
77	MP4B	Z	5.517	2
78	MP4B	Mx	.009	2
79	MP4C	X	-15.167	2
80	MP4C	Z	8.757	2
81	MP4C	Mx	0	2
82	OVP	X	-14.157	2.33
83	OVP	Z	8.174	2.33
84	OVP	Mx	.008	2.33
85	MP3A	X	-3.014	4.75
86	MP3A	Z	1.74	4.75
87	MP3A	Mx	-.001	4.75
88	MP3B	X	-2.892	4.75
89	MP3B	Z	1.669	4.75
90	MP3B	Mx	.001	4.75
91	MP3C	X	-3.703	4.75
92	MP3C	Z	2.138	4.75
93	MP3C	Mx	0	4.75
94	MP4C	X	-3.703	4.75
95	MP4C	Z	2.138	4.75
96	MP4C	Mx	0	4.75
97	MP4A	X	-3.014	4.75
98	MP4A	Z	1.74	4.75
99	MP4A	Mx	-.001	4.75
100	MP4B	X	-2.892	4.75
101	MP4B	Z	1.669	4.75
102	MP4B	Mx	.001	4.75
103	MP4A	X	-37.659	.38
104	MP4A	Z	21.743	.38
105	MP4A	Mx	.055	.38
106	MP4A	X	-37.659	4.38
107	MP4A	Z	21.743	4.38
108	MP4A	Mx	.055	4.38
109	MP4B	X	-36.806	.38
110	MP4B	Z	21.25	.38
111	MP4B	Mx	-.034	.38
112	MP4B	X	-36.806	4.38
113	MP4B	Z	21.25	4.38
114	MP4B	Mx	-.034	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	-42.47	.38
116	MP4C	Z	24.52	.38
117	MP4C	Mx	-.033	.38
118	MP4C	X	-42.47	4.38
119	MP4C	Z	24.52	4.38
120	MP4C	Mx	-.033	4.38
121	MP4A	X	-37.659	.38
122	MP4A	Z	21.743	.38
123	MP4A	Mx	.026	.38
124	MP4A	X	-37.659	4.38
125	MP4A	Z	21.743	4.38
126	MP4A	Mx	.026	4.38
127	MP4B	X	-36.806	.38
128	MP4B	Z	21.25	.38
129	MP4B	Mx	-.053	.38
130	MP4B	X	-36.806	4.38
131	MP4B	Z	21.25	4.38
132	MP4B	Mx	-.053	4.38
133	MP4C	X	-42.47	.38
134	MP4C	Z	24.52	.38
135	MP4C	Mx	.033	.38
136	MP4C	X	-42.47	4.38
137	MP4C	Z	24.52	4.38
138	MP4C	Mx	.033	4.38
139	MP4A	X	-4.463	.25
140	MP4A	Z	2.577	.25
141	MP4A	Mx	-.001	.25
142	MP4B	X	-4.463	.25
143	MP4B	Z	2.577	.25
144	MP4B	Mx	.001	.25
145	MP4A	X	-4.463	.25
146	MP4A	Z	2.577	.25
147	MP4A	Mx	-.001	.25
148	MP4B	X	-4.463	.25
149	MP4B	Z	2.577	.25
150	MP4B	Mx	.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.859	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	.004	.25
4	MP3A	X	-8.859	3.25
5	MP3A	Z	0	3.25
6	MP3A	Mx	.004	3.25
7	MP3B	X	-15.835	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	-.005	.25
10	MP3B	X	-15.835	3.25
11	MP3B	Z	0	3.25
12	MP3B	Mx	-.005	3.25
13	MP3C	X	-17.774	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	-.004	.25
16	MP3C	X	-17.774	3.25
17	MP3C	Z	0	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	-.004	3.25
19	MP1A	X	-27.289	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	.02	.42
22	MP1A	X	-27.289	5
23	MP1A	Z	0	5
24	MP1A	Mx	.02	5
25	MP1B	X	-29.242	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	-.014	.42
28	MP1B	X	-29.242	5
29	MP1B	Z	0	5
30	MP1B	Mx	-.014	5
31	MP1C	X	-29.785	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	-.011	.42
34	MP1C	X	-29.785	5
35	MP1C	Z	0	5
36	MP1C	Mx	-.011	5
37	MP5A	X	-27.289	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	.02	.42
40	MP5A	X	-27.289	5
41	MP5A	Z	0	5
42	MP5A	Mx	.02	5
43	MP5B	X	-29.242	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	-.014	.42
46	MP5B	X	-29.242	5
47	MP5B	Z	0	5
48	MP5B	Mx	-.014	5
49	MP5C	X	-29.785	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	-.011	.42
52	MP5C	X	-29.785	5
53	MP5C	Z	0	5
54	MP5C	Mx	-.011	5
55	MP2A	X	-7.948	2
56	MP2A	Z	0	2
57	MP2A	Mx	.006	2
58	MP2B	X	-11.899	2
59	MP2B	Z	0	2
60	MP2B	Mx	-.006	2
61	MP2C	X	-12.998	2
62	MP2C	Z	0	2
63	MP2C	Mx	-.005	2
64	MP3A	X	-12.197	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	-.01	2.33
67	MP3B	X	-15.317	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	.008	2.33
70	MP3C	X	-16.184	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	.007	2.33
73	MP4A	X	-10.176	2
74	MP4A	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	-.008	2
76	MP4B	X	-14.482	2
77	MP4B	Z	0	2
78	MP4B	Mx	.008	2
79	MP4C	X	-15.679	2
80	MP4C	Z	0	2
81	MP4C	Mx	.007	2
82	OVP	X	-19.783	2.33
83	OVP	Z	0	2.33
84	OVP	Mx	.006	2.33
85	MP3A	X	-3.215	4.75
86	MP3A	Z	0	4.75
87	MP3A	Mx	-.001	4.75
88	MP3B	X	-3.837	4.75
89	MP3B	Z	0	4.75
90	MP3B	Mx	.001	4.75
91	MP3C	X	-4.011	4.75
92	MP3C	Z	0	4.75
93	MP3C	Mx	.000836	4.75
94	MP4C	X	-4.011	4.75
95	MP4C	Z	0	4.75
96	MP4C	Mx	.000836	4.75
97	MP4A	X	-3.215	4.75
98	MP4A	Z	0	4.75
99	MP4A	Mx	-.001	4.75
100	MP4B	X	-3.837	4.75
101	MP4B	Z	0	4.75
102	MP4B	Mx	.001	4.75
103	MP4A	X	-41.633	.38
104	MP4A	Z	0	.38
105	MP4A	Mx	.045	.38
106	MP4A	X	-41.633	4.38
107	MP4A	Z	0	4.38
108	MP4A	Mx	.045	4.38
109	MP4B	X	-45.98	.38
110	MP4B	Z	0	.38
111	MP4B	Mx	-.009	.38
112	MP4B	X	-45.98	4.38
113	MP4B	Z	0	4.38
114	MP4B	Mx	-.009	4.38
115	MP4C	X	-47.189	.38
116	MP4C	Z	0	.38
117	MP4C	Mx	-.053	.38
118	MP4C	X	-47.189	4.38
119	MP4C	Z	0	4.38
120	MP4C	Mx	-.053	4.38
121	MP4A	X	-41.633	.38
122	MP4A	Z	0	.38
123	MP4A	Mx	.045	.38
124	MP4A	X	-41.633	4.38
125	MP4A	Z	0	4.38
126	MP4A	Mx	.045	4.38
127	MP4B	X	-45.98	.38
128	MP4B	Z	0	.38
129	MP4B	Mx	-.056	.38
130	MP4B	X	-45.98	4.38
131	MP4B	Z	0	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	MP4B	Mx	-.056	4.38
133	MP4C	X	-47.189	.38
134	MP4C	Z	0	.38
135	MP4C	Mx	.002	.38
136	MP4C	X	-47.189	4.38
137	MP4C	Z	0	4.38
138	MP4C	Mx	.002	4.38
139	MP4A	X	-3.656	.25
140	MP4A	Z	0	.25
141	MP4A	Mx	-.000914	.25
142	MP4B	X	-8.148	.25
143	MP4B	Z	0	.25
144	MP4B	Mx	.001	.25
145	MP4A	X	-3.656	.25
146	MP4A	Z	0	.25
147	MP4A	Mx	-.000914	.25
148	MP4B	X	-8.148	.25
149	MP4B	Z	0	.25
150	MP4B	Mx	.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-10.246	.25
2	MP3A	Z	-5.915	.25
3	MP3A	Mx	.005	.25
4	MP3A	X	-10.246	3.25
5	MP3A	Z	-5.915	3.25
6	MP3A	Mx	.005	3.25
7	MP3B	X	-17.656	.25
8	MP3B	Z	-10.194	.25
9	MP3B	Mx	-.002	.25
10	MP3B	X	-17.656	3.25
11	MP3B	Z	-10.194	3.25
12	MP3B	Mx	-.002	3.25
13	MP3C	X	-10.246	.25
14	MP3C	Z	-5.915	.25
15	MP3C	Mx	-.005	.25
16	MP3C	X	-10.246	3.25
17	MP3C	Z	-5.915	3.25
18	MP3C	Mx	-.005	3.25
19	MP1A	X	-24.354	.42
20	MP1A	Z	-14.061	.42
21	MP1A	Mx	.018	.42
22	MP1A	X	-24.354	5
23	MP1A	Z	-14.061	5
24	MP1A	Mx	.018	5
25	MP1B	X	-26.428	.42
26	MP1B	Z	-15.258	.42
27	MP1B	Mx	-.004	.42
28	MP1B	X	-26.428	5
29	MP1B	Z	-15.258	5
30	MP1B	Mx	-.004	5
31	MP1C	X	-24.354	.42
32	MP1C	Z	-14.061	.42
33	MP1C	Mx	-.018	.42
34	MP1C	X	-24.354	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP1C	Z	-14.061	5
36	MP1C	Mx	-.018	5
37	MP5A	X	-24.354	.42
38	MP5A	Z	-14.061	.42
39	MP5A	Mx	.018	.42
40	MP5A	X	-24.354	5
41	MP5A	Z	-14.061	5
42	MP5A	Mx	.018	5
43	MP5B	X	-26.428	.42
44	MP5B	Z	-15.258	.42
45	MP5B	Mx	-.004	.42
46	MP5B	X	-26.428	5
47	MP5B	Z	-15.258	5
48	MP5B	Mx	-.004	5
49	MP5C	X	-24.354	.42
50	MP5C	Z	-14.061	.42
51	MP5C	Mx	-.018	.42
52	MP5C	X	-24.354	5
53	MP5C	Z	-14.061	5
54	MP5C	Mx	-.018	5
55	MP2A	X	-8.341	2
56	MP2A	Z	-4.816	2
57	MP2A	Mx	.006	2
58	MP2B	X	-12.538	2
59	MP2B	Z	-7.239	2
60	MP2B	Mx	-.002	2
61	MP2C	X	-8.341	2
62	MP2C	Z	-4.816	2
63	MP2C	Mx	-.006	2
64	MP3A	X	-11.714	2.33
65	MP3A	Z	-6.763	2.33
66	MP3A	Mx	-.01	2.33
67	MP3B	X	-15.028	2.33
68	MP3B	Z	-8.677	2.33
69	MP3B	Mx	.003	2.33
70	MP3C	X	-11.714	2.33
71	MP3C	Z	-6.763	2.33
72	MP3C	Mx	.01	2.33
73	MP4A	X	-10.402	2
74	MP4A	Z	-6.005	2
75	MP4A	Mx	-.013	2
76	MP4B	X	-14.976	2
77	MP4B	Z	-8.646	2
78	MP4B	Mx	.003	2
79	MP4C	X	-10.402	2
80	MP4C	Z	-6.005	2
81	MP4C	Mx	.009	2
82	OVP	X	-19.558	2.33
83	OVP	Z	-11.292	2.33
84	OVP	Mx	.002	2.33
85	MP3A	X	-3.014	4.75
86	MP3A	Z	-1.74	4.75
87	MP3A	Mx	-.001	4.75
88	MP3B	X	-3.675	4.75
89	MP3B	Z	-2.122	4.75
90	MP3B	Mx	.000307	4.75
91	MP3C	X	-3.014	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3C	Z	-1.74	4.75
93	MP3C	Mx	.001	4.75
94	MP4C	X	-3.014	4.75
95	MP4C	Z	-1.74	4.75
96	MP4C	Mx	.001	4.75
97	MP4A	X	-3.014	4.75
98	MP4A	Z	-1.74	4.75
99	MP4A	Mx	-.001	4.75
100	MP4B	X	-3.675	4.75
101	MP4B	Z	-2.122	4.75
102	MP4B	Mx	.000307	4.75
103	MP4A	X	-37.659	.38
104	MP4A	Z	-21.743	.38
105	MP4A	Mx	.026	.38
106	MP4A	X	-37.659	4.38
107	MP4A	Z	-21.743	4.38
108	MP4A	Mx	.026	4.38
109	MP4B	X	-42.277	.38
110	MP4B	Z	-24.409	.38
111	MP4B	Mx	.023	.38
112	MP4B	X	-42.277	4.38
113	MP4B	Z	-24.409	4.38
114	MP4B	Mx	.023	4.38
115	MP4C	X	-37.659	.38
116	MP4C	Z	-21.743	.38
117	MP4C	Mx	-.055	.38
118	MP4C	X	-37.659	4.38
119	MP4C	Z	-21.743	4.38
120	MP4C	Mx	-.055	4.38
121	MP4A	X	-37.659	.38
122	MP4A	Z	-21.743	.38
123	MP4A	Mx	.055	.38
124	MP4A	X	-37.659	4.38
125	MP4A	Z	-21.743	4.38
126	MP4A	Mx	.055	4.38
127	MP4B	X	-42.277	.38
128	MP4B	Z	-24.409	.38
129	MP4B	Mx	-.041	.38
130	MP4B	X	-42.277	4.38
131	MP4B	Z	-24.409	4.38
132	MP4B	Mx	-.041	4.38
133	MP4C	X	-37.659	.38
134	MP4C	Z	-21.743	.38
135	MP4C	Mx	-.026	.38
136	MP4C	X	-37.659	4.38
137	MP4C	Z	-21.743	4.38
138	MP4C	Mx	-.026	4.38
139	MP4A	X	-4.463	.25
140	MP4A	Z	-2.577	.25
141	MP4A	Mx	-.001	.25
142	MP4B	X	-8.353	.25
143	MP4B	Z	-4.823	.25
144	MP4B	Mx	0	.25
145	MP4A	X	-4.463	.25
146	MP4A	Z	-2.577	.25
147	MP4A	Mx	-.001	.25
148	MP4B	X	-8.353	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
149	MP4B	Z	-4.823	.25
150	MP4B	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.887	.25
2	MP3A	Z	-15.393	.25
3	MP3A	Mx	.004	.25
4	MP3A	X	-8.887	3.25
5	MP3A	Z	-15.393	3.25
6	MP3A	Mx	.004	3.25
7	MP3B	X	-9.678	.25
8	MP3B	Z	-16.762	.25
9	MP3B	Mx	.003	.25
10	MP3B	X	-9.678	3.25
11	MP3B	Z	-16.762	3.25
12	MP3B	Mx	.003	3.25
13	MP3C	X	-4.43	.25
14	MP3C	Z	-7.672	.25
15	MP3C	Mx	-.004	.25
16	MP3C	X	-4.43	3.25
17	MP3C	Z	-7.672	3.25
18	MP3C	Mx	-.004	3.25
19	MP1A	X	-14.892	.42
20	MP1A	Z	-25.794	.42
21	MP1A	Mx	.011	.42
22	MP1A	X	-14.892	5
23	MP1A	Z	-25.794	5
24	MP1A	Mx	.011	5
25	MP1B	X	-15.114	.42
26	MP1B	Z	-26.178	.42
27	MP1B	Mx	.008	.42
28	MP1B	X	-15.114	5
29	MP1B	Z	-26.178	5
30	MP1B	Mx	.008	5
31	MP1C	X	-13.645	.42
32	MP1C	Z	-23.633	.42
33	MP1C	Mx	-.02	.42
34	MP1C	X	-13.645	5
35	MP1C	Z	-23.633	5
36	MP1C	Mx	-.02	5
37	MP5A	X	-14.892	.42
38	MP5A	Z	-25.794	.42
39	MP5A	Mx	.011	.42
40	MP5A	X	-14.892	5
41	MP5A	Z	-25.794	5
42	MP5A	Mx	.011	5
43	MP5B	X	-15.114	.42
44	MP5B	Z	-26.178	.42
45	MP5B	Mx	.008	.42
46	MP5B	X	-15.114	5
47	MP5B	Z	-26.178	5
48	MP5B	Mx	.008	5
49	MP5C	X	-13.645	.42
50	MP5C	Z	-23.633	.42
51	MP5C	Mx	-.02	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP5C	X	-13.645	5
53	MP5C	Z	-23.633	5
54	MP5C	Mx	-.02	5
55	MP2A	X	-6.499	2
56	MP2A	Z	-11.256	2
57	MP2A	Mx	.005	2
58	MP2B	X	-6.947	2
59	MP2B	Z	-12.032	2
60	MP2B	Mx	.004	2
61	MP2C	X	-3.974	2
62	MP2C	Z	-6.883	2
63	MP2C	Mx	-.006	2
64	MP3A	X	-8.092	2.33
65	MP3A	Z	-14.016	2.33
66	MP3A	Mx	-.007	2.33
67	MP3B	X	-8.446	2.33
68	MP3B	Z	-14.629	2.33
69	MP3B	Mx	-.005	2.33
70	MP3C	X	-6.098	2.33
71	MP3C	Z	-10.563	2.33
72	MP3C	Mx	.01	2.33
73	MP4A	X	-7.84	2
74	MP4A	Z	-13.579	2
75	MP4A	Mx	-.016	2
76	MP4B	X	-8.328	2
77	MP4B	Z	-14.424	2
78	MP4B	Mx	-.005	2
79	MP4C	X	-5.088	2
80	MP4C	Z	-8.813	2
81	MP4C	Mx	.008	2
82	OVP	X	-10.974	2.33
83	OVP	Z	-19.008	2.33
84	OVP	Mx	-.004	2.33
85	MP3A	X	-2.005	4.75
86	MP3A	Z	-3.473	4.75
87	MP3A	Mx	-.000835	4.75
88	MP3B	X	-2.076	4.75
89	MP3B	Z	-3.596	4.75
90	MP3B	Mx	-.000592	4.75
91	MP3C	X	-1.607	4.75
92	MP3C	Z	-2.784	4.75
93	MP3C	Mx	.001	4.75
94	MP4C	X	-1.607	4.75
95	MP4C	Z	-2.784	4.75
96	MP4C	Mx	.001	4.75
97	MP4A	X	-2.005	4.75
98	MP4A	Z	-3.473	4.75
99	MP4A	Mx	-.000835	4.75
100	MP4B	X	-2.076	4.75
101	MP4B	Z	-3.596	4.75
102	MP4B	Mx	-.000592	4.75
103	MP4A	X	-23.594	.38
104	MP4A	Z	-40.867	.38
105	MP4A	Mx	-.002	.38
106	MP4A	X	-23.594	4.38
107	MP4A	Z	-40.867	4.38
108	MP4A	Mx	-.002	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP4B	X	-24.087	.38
110	MP4B	Z	-41.72	.38
111	MP4B	Mx	.048	.38
112	MP4B	X	-24.087	4.38
113	MP4B	Z	-41.72	4.38
114	MP4B	Mx	.048	4.38
115	MP4C	X	-20.817	.38
116	MP4C	Z	-36.055	.38
117	MP4C	Mx	-.045	.38
118	MP4C	X	-20.817	4.38
119	MP4C	Z	-36.055	4.38
120	MP4C	Mx	-.045	4.38
121	MP4A	X	-23.594	.38
122	MP4A	Z	-40.867	.38
123	MP4A	Mx	.053	.38
124	MP4A	X	-23.594	4.38
125	MP4A	Z	-40.867	4.38
126	MP4A	Mx	.053	4.38
127	MP4B	X	-24.087	.38
128	MP4B	Z	-41.72	.38
129	MP4B	Mx	-.012	.38
130	MP4B	X	-24.087	4.38
131	MP4B	Z	-41.72	4.38
132	MP4B	Mx	-.012	4.38
133	MP4C	X	-20.817	.38
134	MP4C	Z	-36.055	.38
135	MP4C	Mx	-.045	.38
136	MP4C	X	-20.817	4.38
137	MP4C	Z	-36.055	4.38
138	MP4C	Mx	-.045	4.38
139	MP4A	X	-4.074	.25
140	MP4A	Z	-7.057	.25
141	MP4A	Mx	-.001	.25
142	MP4B	X	-4.074	.25
143	MP4B	Z	-7.057	.25
144	MP4B	Mx	-.001	.25
145	MP4A	X	-4.074	.25
146	MP4A	Z	-7.057	.25
147	MP4A	Mx	-.001	.25
148	MP4B	X	-4.074	.25
149	MP4B	Z	-7.057	.25
150	MP4B	Mx	-.001	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	-5.495	.25
3	MP3A	Mx	0	.25
4	MP3A	X	0	3.25
5	MP3A	Z	-5.495	3.25
6	MP3A	Mx	0	3.25
7	MP3B	X	0	.25
8	MP3B	Z	-3.381	.25
9	MP3B	Mx	.001	.25
10	MP3B	X	0	3.25
11	MP3B	Z	-3.381	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3B	Mx	.001	3.25
13	MP3C	X	0	.25
14	MP3C	Z	-2.793	.25
15	MP3C	Mx	-.001	.25
16	MP3C	X	0	3.25
17	MP3C	Z	-2.793	3.25
18	MP3C	Mx	-.001	3.25
19	MP1A	X	0	.42
20	MP1A	Z	-9.882	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	-9.882	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	-9.149	.42
27	MP1B	Mx	.005	.42
28	MP1B	X	0	5
29	MP1B	Z	-9.149	5
30	MP1B	Mx	.005	5
31	MP1C	X	0	.42
32	MP1C	Z	-8.945	.42
33	MP1C	Mx	-.006	.42
34	MP1C	X	0	5
35	MP1C	Z	-8.945	5
36	MP1C	Mx	-.006	5
37	MP5A	X	0	.42
38	MP5A	Z	-9.882	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	-9.882	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	-9.149	.42
45	MP5B	Mx	.005	.42
46	MP5B	X	0	5
47	MP5B	Z	-9.149	5
48	MP5B	Mx	.005	5
49	MP5C	X	0	.42
50	MP5C	Z	-8.945	.42
51	MP5C	Mx	-.006	.42
52	MP5C	X	0	5
53	MP5C	Z	-8.945	5
54	MP5C	Mx	-.006	5
55	MP2A	X	0	2
56	MP2A	Z	-4.289	2
57	MP2A	Mx	0	2
58	MP2B	X	0	2
59	MP2B	Z	-3.014	2
60	MP2B	Mx	.002	2
61	MP2C	X	0	2
62	MP2C	Z	-2.659	2
63	MP2C	Mx	-.002	2
64	MP3A	X	0	2.33
65	MP3A	Z	-4.345	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	-3.506	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3B	Mx	-.002	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	-3.273	2.33
72	MP3C	Mx	.002	2.33
73	MP4A	X	0	2
74	MP4A	Z	-4.345	2
75	MP4A	Mx	-.003	2
76	MP4B	X	0	2
77	MP4B	Z	-3.194	2
78	MP4B	Mx	-.002	2
79	MP4C	X	0	2
80	MP4C	Z	-2.874	2
81	MP4C	Mx	.002	2
82	OVP	X	0	2.33
83	OVP	Z	-5.567	2.33
84	OVP	Mx	-.002	2.33
85	MP3A	X	0	4.75
86	MP3A	Z	-1.037	4.75
87	MP3A	Mx	0	4.75
88	MP3B	X	0	4.75
89	MP3B	Z	-.85	4.75
90	MP3B	Mx	-.000271	4.75
91	MP3C	X	0	4.75
92	MP3C	Z	-.798	4.75
93	MP3C	Mx	.000288	4.75
94	MP4C	X	0	4.75
95	MP4C	Z	-.798	4.75
96	MP4C	Mx	.000288	4.75
97	MP4A	X	0	4.75
98	MP4A	Z	-1.037	4.75
99	MP4A	Mx	0	4.75
100	MP4B	X	0	4.75
101	MP4B	Z	-.85	4.75
102	MP4B	Mx	-.000271	4.75
103	MP4A	X	0	.38
104	MP4A	Z	-16.078	.38
105	MP4A	Mx	-.011	.38
106	MP4A	X	0	4.38
107	MP4A	Z	-16.078	4.38
108	MP4A	Mx	-.011	4.38
109	MP4B	X	0	.38
110	MP4B	Z	-14.54	.38
111	MP4B	Mx	.018	.38
112	MP4B	X	0	4.38
113	MP4B	Z	-14.54	4.38
114	MP4B	Mx	.018	4.38
115	MP4C	X	0	.38
116	MP4C	Z	-14.112	.38
117	MP4C	Mx	-.009	.38
118	MP4C	X	0	4.38
119	MP4C	Z	-14.112	4.38
120	MP4C	Mx	-.009	4.38
121	MP4A	X	0	.38
122	MP4A	Z	-16.078	.38
123	MP4A	Mx	.011	.38
124	MP4A	X	0	4.38
125	MP4A	Z	-16.078	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP4A	Mx	.011	4.38
127	MP4B	X	0	.38
128	MP4B	Z	-14.54	.38
129	MP4B	Mx	.006	.38
130	MP4B	X	0	4.38
131	MP4B	Z	-14.54	4.38
132	MP4B	Mx	.006	4.38
133	MP4C	X	0	.38
134	MP4C	Z	-14.112	.38
135	MP4C	Mx	-.018	.38
136	MP4C	X	0	4.38
137	MP4C	Z	-14.112	4.38
138	MP4C	Mx	-.018	4.38
139	MP4A	X	0	.25
140	MP4A	Z	-2.691	.25
141	MP4A	Mx	0	.25
142	MP4B	X	0	.25
143	MP4B	Z	-1.285	.25
144	MP4B	Mx	-.000278	.25
145	MP4A	X	0	.25
146	MP4A	Z	-2.691	.25
147	MP4A	Mx	0	.25
148	MP4B	X	0	.25
149	MP4B	Z	-1.285	.25
150	MP4B	Mx	-.000278	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.297	.25
2	MP3A	Z	-3.979	.25
3	MP3A	Mx	-.001	.25
4	MP3A	X	2.297	3.25
5	MP3A	Z	-3.979	3.25
6	MP3A	Mx	-.001	3.25
7	MP3B	X	1	.25
8	MP3B	Z	-1.733	.25
9	MP3B	Mx	.000985	.25
10	MP3B	X	1	3.25
11	MP3B	Z	-1.733	3.25
12	MP3B	Mx	.000985	3.25
13	MP3C	X	2.297	.25
14	MP3C	Z	-3.979	.25
15	MP3C	Mx	-.001	.25
16	MP3C	X	2.297	3.25
17	MP3C	Z	-3.979	3.25
18	MP3C	Mx	-.001	3.25
19	MP1A	X	4.785	.42
20	MP1A	Z	-8.288	.42
21	MP1A	Mx	-.004	.42
22	MP1A	X	4.785	5
23	MP1A	Z	-8.288	5
24	MP1A	Mx	-.004	5
25	MP1B	X	4.335	.42
26	MP1B	Z	-7.508	.42
27	MP1B	Mx	.006	.42
28	MP1B	X	4.335	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	-7.508	5
30	MP1B	Mx	.006	5
31	MP1C	X	4.785	.42
32	MP1C	Z	-8.288	.42
33	MP1C	Mx	-.004	.42
34	MP1C	X	4.785	5
35	MP1C	Z	-8.288	5
36	MP1C	Mx	-.004	5
37	MP5A	X	4.785	.42
38	MP5A	Z	-8.288	.42
39	MP5A	Mx	-.004	.42
40	MP5A	X	4.785	5
41	MP5A	Z	-8.288	5
42	MP5A	Mx	-.004	5
43	MP5B	X	4.335	.42
44	MP5B	Z	-7.508	.42
45	MP5B	Mx	.006	.42
46	MP5B	X	4.335	5
47	MP5B	Z	-7.508	5
48	MP5B	Mx	.006	5
49	MP5C	X	4.785	.42
50	MP5C	Z	-8.288	.42
51	MP5C	Mx	-.004	.42
52	MP5C	X	4.785	5
53	MP5C	Z	-8.288	5
54	MP5C	Mx	-.004	5
55	MP2A	X	1.873	2
56	MP2A	Z	-3.244	2
57	MP2A	Mx	-.001	2
58	MP2B	X	1.091	2
59	MP2B	Z	-1.889	2
60	MP2B	Mx	.002	2
61	MP2C	X	1.873	2
62	MP2C	Z	-3.244	2
63	MP2C	Mx	-.001	2
64	MP3A	X	1.994	2.33
65	MP3A	Z	-3.454	2.33
66	MP3A	Mx	.002	2.33
67	MP3B	X	1.479	2.33
68	MP3B	Z	-2.562	2.33
69	MP3B	Mx	-.002	2.33
70	MP3C	X	1.994	2.33
71	MP3C	Z	-3.454	2.33
72	MP3C	Mx	.002	2.33
73	MP4A	X	1.927	2
74	MP4A	Z	-3.338	2
75	MP4A	Mx	-.00062	2
76	MP4B	X	1.221	2
77	MP4B	Z	-2.115	2
78	MP4B	Mx	-.002	2
79	MP4C	X	1.927	2
80	MP4C	Z	-3.338	2
81	MP4C	Mx	.002	2
82	OVP	X	2.313	2.33
83	OVP	Z	-4.006	2.33
84	OVP	Mx	-.002	2.33
85	MP3A	X	.479	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3A	Z	-.829	4.75
87	MP3A	Mx	.0002	4.75
88	MP3B	X	.364	4.75
89	MP3B	Z	-.63	4.75
90	MP3B	Mx	-.000299	4.75
91	MP3C	X	.479	4.75
92	MP3C	Z	-.829	4.75
93	MP3C	Mx	.000199	4.75
94	MP4C	X	.479	4.75
95	MP4C	Z	-.829	4.75
96	MP4C	Mx	.000199	4.75
97	MP4A	X	.479	4.75
98	MP4A	Z	-.829	4.75
99	MP4A	Mx	.0002	4.75
100	MP4B	X	.364	4.75
101	MP4B	Z	-.63	4.75
102	MP4B	Mx	-.000299	4.75
103	MP4A	X	7.711	.38
104	MP4A	Z	-13.356	.38
105	MP4A	Mx	-.017	.38
106	MP4A	X	7.711	4.38
107	MP4A	Z	-13.356	4.38
108	MP4A	Mx	-.017	4.38
109	MP4B	X	6.768	.38
110	MP4B	Z	-11.722	.38
111	MP4B	Mx	.016	.38
112	MP4B	X	6.768	4.38
113	MP4B	Z	-11.722	4.38
114	MP4B	Mx	.016	4.38
115	MP4C	X	7.711	.38
116	MP4C	Z	-13.356	.38
117	MP4C	Mx	.00055	.38
118	MP4C	X	7.711	4.38
119	MP4C	Z	-13.356	4.38
120	MP4C	Mx	.00055	4.38
121	MP4A	X	7.711	.38
122	MP4A	Z	-13.356	.38
123	MP4A	Mx	.00055	.38
124	MP4A	X	7.711	4.38
125	MP4A	Z	-13.356	4.38
126	MP4A	Mx	.00055	4.38
127	MP4B	X	6.768	.38
128	MP4B	Z	-11.722	.38
129	MP4B	Mx	.013	.38
130	MP4B	X	6.768	4.38
131	MP4B	Z	-11.722	4.38
132	MP4B	Mx	.013	4.38
133	MP4C	X	7.711	.38
134	MP4C	Z	-13.356	.38
135	MP4C	Mx	-.017	.38
136	MP4C	X	7.711	4.38
137	MP4C	Z	-13.356	4.38
138	MP4C	Mx	-.017	4.38
139	MP4A	X	1.111	.25
140	MP4A	Z	-1.925	.25
141	MP4A	Mx	.000278	.25
142	MP4B	X	.408	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
143	MP4B	Z	-.707	.25
144	MP4B	Mx	-.000204	.25
145	MP4A	X	1.111	.25
146	MP4A	Z	-1.925	.25
147	MP4A	Mx	.000278	.25
148	MP4B	X	.408	.25
149	MP4B	Z	-.707	.25
150	MP4B	Mx	-.000204	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.419	.25
2	MP3A	Z	-1.396	.25
3	MP3A	Mx	-.001	.25
4	MP3A	X	2.419	3.25
5	MP3A	Z	-1.396	3.25
6	MP3A	Mx	-.001	3.25
7	MP3B	X	2.004	.25
8	MP3B	Z	-1.157	.25
9	MP3B	Mx	.001	.25
10	MP3B	X	2.004	3.25
11	MP3B	Z	-1.157	3.25
12	MP3B	Mx	.001	3.25
13	MP3C	X	4.759	.25
14	MP3C	Z	-2.747	.25
15	MP3C	Mx	0	.25
16	MP3C	X	4.759	3.25
17	MP3C	Z	-2.747	3.25
18	MP3C	Mx	0	3.25
19	MP1A	X	7.746	.42
20	MP1A	Z	-4.472	.42
21	MP1A	Mx	-.006	.42
22	MP1A	X	7.746	5
23	MP1A	Z	-4.472	5
24	MP1A	Mx	-.006	5
25	MP1B	X	7.602	.42
26	MP1B	Z	-4.389	.42
27	MP1B	Mx	.006	.42
28	MP1B	X	7.602	5
29	MP1B	Z	-4.389	5
30	MP1B	Mx	.006	5
31	MP1C	X	8.558	.42
32	MP1C	Z	-4.941	.42
33	MP1C	Mx	0	.42
34	MP1C	X	8.558	5
35	MP1C	Z	-4.941	5
36	MP1C	Mx	0	5
37	MP5A	X	7.746	.42
38	MP5A	Z	-4.472	.42
39	MP5A	Mx	-.006	.42
40	MP5A	X	7.746	5
41	MP5A	Z	-4.472	5
42	MP5A	Mx	-.006	5
43	MP5B	X	7.602	.42
44	MP5B	Z	-4.389	.42
45	MP5B	Mx	.006	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP5B	X	7.602	5
47	MP5B	Z	-4.389	5
48	MP5B	Mx	.006	5
49	MP5C	X	8.558	.42
50	MP5C	Z	-4.941	.42
51	MP5C	Mx	0	.42
52	MP5C	X	8.558	5
53	MP5C	Z	-4.941	5
54	MP5C	Mx	0	5
55	MP2A	X	2.303	2
56	MP2A	Z	-1.33	2
57	MP2A	Mx	-.002	2
58	MP2B	X	2.053	2
59	MP2B	Z	-1.185	2
60	MP2B	Mx	.002	2
61	MP2C	X	3.715	2
62	MP2C	Z	-2.145	2
63	MP2C	Mx	0	2
64	MP3A	X	2.835	2.33
65	MP3A	Z	-1.637	2.33
66	MP3A	Mx	.002	2.33
67	MP3B	X	2.67	2.33
68	MP3B	Z	-1.541	2.33
69	MP3B	Mx	-.002	2.33
70	MP3C	X	3.763	2.33
71	MP3C	Z	-2.173	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	2.489	2
74	MP4A	Z	-1.437	2
75	MP4A	Mx	.001	2
76	MP4B	X	2.262	2
77	MP4B	Z	-1.306	2
78	MP4B	Mx	-.002	2
79	MP4C	X	3.763	2
80	MP4C	Z	-2.173	2
81	MP4C	Mx	0	2
82	OVP	X	4.191	2.33
83	OVP	Z	-2.419	2.33
84	OVP	Mx	-.002	2.33
85	MP3A	X	.691	4.75
86	MP3A	Z	-.399	4.75
87	MP3A	Mx	.000288	4.75
88	MP3B	X	.654	4.75
89	MP3B	Z	-.378	4.75
90	MP3B	Mx	-.000296	4.75
91	MP3C	X	.898	4.75
92	MP3C	Z	-.519	4.75
93	MP3C	Mx	0	4.75
94	MP4C	X	.898	4.75
95	MP4C	Z	-.519	4.75
96	MP4C	Mx	0	4.75
97	MP4A	X	.691	4.75
98	MP4A	Z	-.399	4.75
99	MP4A	Mx	.000288	4.75
100	MP4B	X	.654	4.75
101	MP4B	Z	-.378	4.75
102	MP4B	Mx	-.000296	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP4A	X	12.221	.38
104	MP4A	Z	-7.056	.38
105	MP4A	Mx	-.018	.38
106	MP4A	X	12.221	4.38
107	MP4A	Z	-7.056	4.38
108	MP4A	Mx	-.018	4.38
109	MP4B	X	11.919	.38
110	MP4B	Z	-6.882	.38
111	MP4B	Mx	.011	.38
112	MP4B	X	11.919	4.38
113	MP4B	Z	-6.882	4.38
114	MP4B	Mx	.011	4.38
115	MP4C	X	13.924	.38
116	MP4C	Z	-8.039	.38
117	MP4C	Mx	.011	.38
118	MP4C	X	13.924	4.38
119	MP4C	Z	-8.039	4.38
120	MP4C	Mx	.011	4.38
121	MP4A	X	12.221	.38
122	MP4A	Z	-7.056	.38
123	MP4A	Mx	-.009	.38
124	MP4A	X	12.221	4.38
125	MP4A	Z	-7.056	4.38
126	MP4A	Mx	-.009	4.38
127	MP4B	X	11.919	.38
128	MP4B	Z	-6.882	.38
129	MP4B	Mx	.017	.38
130	MP4B	X	11.919	4.38
131	MP4B	Z	-6.882	4.38
132	MP4B	Mx	.017	4.38
133	MP4C	X	13.924	.38
134	MP4C	Z	-8.039	.38
135	MP4C	Mx	-.011	.38
136	MP4C	X	13.924	4.38
137	MP4C	Z	-8.039	4.38
138	MP4C	Mx	-.011	4.38
139	MP4A	X	1.113	.25
140	MP4A	Z	-.643	.25
141	MP4A	Mx	.000278	.25
142	MP4B	X	1.113	.25
143	MP4B	Z	-.643	.25
144	MP4B	Mx	-.000278	.25
145	MP4A	X	1.113	.25
146	MP4A	Z	-.643	.25
147	MP4A	Mx	.000278	.25
148	MP4B	X	1.113	.25
149	MP4B	Z	-.643	.25
150	MP4B	Mx	-.000278	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.892	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	-.000946	.25
4	MP3A	X	1.892	3.25
5	MP3A	Z	0	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3A	Mx	-.000946	3.25
7	MP3B	X	4.006	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	.001	.25
10	MP3B	X	4.006	3.25
11	MP3B	Z	0	3.25
12	MP3B	Mx	.001	3.25
13	MP3C	X	4.594	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	.001	.25
16	MP3C	X	4.594	3.25
17	MP3C	Z	0	3.25
18	MP3C	Mx	.001	3.25
19	MP1A	X	8.632	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	-.006	.42
22	MP1A	X	8.632	5
23	MP1A	Z	0	5
24	MP1A	Mx	-.006	5
25	MP1B	X	9.366	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	.005	.42
28	MP1B	X	9.366	5
29	MP1B	Z	0	5
30	MP1B	Mx	.005	5
31	MP1C	X	9.57	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	.004	.42
34	MP1C	X	9.57	5
35	MP1C	Z	0	5
36	MP1C	Mx	.004	5
37	MP5A	X	8.632	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	-.006	.42
40	MP5A	X	8.632	5
41	MP5A	Z	0	5
42	MP5A	Mx	-.006	5
43	MP5B	X	9.366	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	.005	.42
46	MP5B	X	9.366	5
47	MP5B	Z	0	5
48	MP5B	Mx	.005	5
49	MP5C	X	9.57	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	.004	.42
52	MP5C	X	9.57	5
53	MP5C	Z	0	5
54	MP5C	Mx	.004	5
55	MP2A	X	2.116	2
56	MP2A	Z	0	2
57	MP2A	Mx	-.002	2
58	MP2B	X	3.391	2
59	MP2B	Z	0	2
60	MP2B	Mx	.002	2
61	MP2C	X	3.746	2
62	MP2C	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2C	Mx	.001	2
64	MP3A	X	2.916	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	.002	2.33
67	MP3B	X	3.755	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	-.002	2.33
70	MP3C	X	3.988	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	-.002	2.33
73	MP4A	X	2.383	2
74	MP4A	Z	0	2
75	MP4A	Mx	.002	2
76	MP4B	X	3.535	2
77	MP4B	Z	0	2
78	MP4B	Mx	-.002	2
79	MP4C	X	3.855	2
80	MP4C	Z	0	2
81	MP4C	Mx	-.002	2
82	OVP	X	5.993	2.33
83	OVP	Z	0	2.33
84	OVP	Mx	-.002	2.33
85	MP3A	X	.718	4.75
86	MP3A	Z	0	4.75
87	MP3A	Mx	.000299	4.75
88	MP3B	X	.905	4.75
89	MP3B	Z	0	4.75
90	MP3B	Mx	-.000242	4.75
91	MP3C	X	.957	4.75
92	MP3C	Z	0	4.75
93	MP3C	Mx	-.000199	4.75
94	MP4C	X	.957	4.75
95	MP4C	Z	0	4.75
96	MP4C	Mx	-.000199	4.75
97	MP4A	X	.718	4.75
98	MP4A	Z	0	4.75
99	MP4A	Mx	.000299	4.75
100	MP4B	X	.905	4.75
101	MP4B	Z	0	4.75
102	MP4B	Mx	-.000242	4.75
103	MP4A	X	13.457	.38
104	MP4A	Z	0	.38
105	MP4A	Mx	-.015	.38
106	MP4A	X	13.457	4.38
107	MP4A	Z	0	4.38
108	MP4A	Mx	-.015	4.38
109	MP4B	X	14.995	.38
110	MP4B	Z	0	.38
111	MP4B	Mx	.003	.38
112	MP4B	X	14.995	4.38
113	MP4B	Z	0	4.38
114	MP4B	Mx	.003	4.38
115	MP4C	X	15.422	.38
116	MP4C	Z	0	.38
117	MP4C	Mx	.017	.38
118	MP4C	X	15.422	4.38
119	MP4C	Z	0	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
120	MP4C	Mx	.017	4.38
121	MP4A	X	13.457	.38
122	MP4A	Z	0	.38
123	MP4A	Mx	-.015	.38
124	MP4A	X	13.457	4.38
125	MP4A	Z	0	4.38
126	MP4A	Mx	-.015	4.38
127	MP4B	X	14.995	.38
128	MP4B	Z	0	.38
129	MP4B	Mx	.018	.38
130	MP4B	X	14.995	4.38
131	MP4B	Z	0	4.38
132	MP4B	Mx	.018	4.38
133	MP4C	X	15.422	.38
134	MP4C	Z	0	.38
135	MP4C	Mx	-.00055	.38
136	MP4C	X	15.422	4.38
137	MP4C	Z	0	4.38
138	MP4C	Mx	-.00055	4.38
139	MP4A	X	.816	.25
140	MP4A	Z	0	.25
141	MP4A	Mx	.000204	.25
142	MP4B	X	2.223	.25
143	MP4B	Z	0	.25
144	MP4B	Mx	-.000278	.25
145	MP4A	X	.816	.25
146	MP4A	Z	0	.25
147	MP4A	Mx	.000204	.25
148	MP4B	X	2.223	.25
149	MP4B	Z	0	.25
150	MP4B	Mx	-.000278	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.419	.25
2	MP3A	Z	1.396	.25
3	MP3A	Mx	-.001	.25
4	MP3A	X	2.419	3.25
5	MP3A	Z	1.396	3.25
6	MP3A	Mx	-.001	3.25
7	MP3B	X	4.665	.25
8	MP3B	Z	2.693	.25
9	MP3B	Mx	.000468	.25
10	MP3B	X	4.665	3.25
11	MP3B	Z	2.693	3.25
12	MP3B	Mx	.000468	3.25
13	MP3C	X	2.419	.25
14	MP3C	Z	1.396	.25
15	MP3C	Mx	.001	.25
16	MP3C	X	2.419	3.25
17	MP3C	Z	1.396	3.25
18	MP3C	Mx	.001	3.25
19	MP1A	X	7.746	.42
20	MP1A	Z	4.472	.42
21	MP1A	Mx	-.006	.42
22	MP1A	X	7.746	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP1A	Z	4.472	5
24	MP1A	Mx	-.006	5
25	MP1B	X	8.526	.42
26	MP1B	Z	4.922	.42
27	MP1B	Mx	.001	.42
28	MP1B	X	8.526	5
29	MP1B	Z	4.922	5
30	MP1B	Mx	.001	5
31	MP1C	X	7.746	.42
32	MP1C	Z	4.472	.42
33	MP1C	Mx	.006	.42
34	MP1C	X	7.746	5
35	MP1C	Z	4.472	5
36	MP1C	Mx	.006	5
37	MP5A	X	7.746	.42
38	MP5A	Z	4.472	.42
39	MP5A	Mx	-.006	.42
40	MP5A	X	7.746	5
41	MP5A	Z	4.472	5
42	MP5A	Mx	-.006	5
43	MP5B	X	8.526	.42
44	MP5B	Z	4.922	.42
45	MP5B	Mx	.001	.42
46	MP5B	X	8.526	5
47	MP5B	Z	4.922	5
48	MP5B	Mx	.001	5
49	MP5C	X	7.746	.42
50	MP5C	Z	4.472	.42
51	MP5C	Mx	.006	.42
52	MP5C	X	7.746	5
53	MP5C	Z	4.472	5
54	MP5C	Mx	.006	5
55	MP2A	X	2.303	2
56	MP2A	Z	1.33	2
57	MP2A	Mx	-.002	2
58	MP2B	X	3.658	2
59	MP2B	Z	2.112	2
60	MP2B	Mx	.00055	2
61	MP2C	X	2.303	2
62	MP2C	Z	1.33	2
63	MP2C	Mx	.002	2
64	MP3A	X	2.835	2.33
65	MP3A	Z	1.637	2.33
66	MP3A	Mx	.002	2.33
67	MP3B	X	3.726	2.33
68	MP3B	Z	2.151	2.33
69	MP3B	Mx	-.000623	2.33
70	MP3C	X	2.835	2.33
71	MP3C	Z	1.637	2.33
72	MP3C	Mx	-.002	2.33
73	MP4A	X	2.489	2
74	MP4A	Z	1.437	2
75	MP4A	Mx	.003	2
76	MP4B	X	3.712	2
77	MP4B	Z	2.143	2
78	MP4B	Mx	-.00062	2
79	MP4C	X	2.489	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP4C	Z	1.437	2
81	MP4C	Mx	-.002	2
82	OVP	X	6.005	2.33
83	OVP	Z	3.467	2.33
84	OVP	Mx	-.000602	2.33
85	MP3A	X	.691	4.75
86	MP3A	Z	.399	4.75
87	MP3A	Mx	.000288	4.75
88	MP3B	X	.89	4.75
89	MP3B	Z	.514	4.75
90	MP3B	Mx	-7.4e-5	4.75
91	MP3C	X	.691	4.75
92	MP3C	Z	.399	4.75
93	MP3C	Mx	-.000288	4.75
94	MP4C	X	.691	4.75
95	MP4C	Z	.399	4.75
96	MP4C	Mx	-.000288	4.75
97	MP4A	X	.691	4.75
98	MP4A	Z	.399	4.75
99	MP4A	Mx	.000288	4.75
100	MP4B	X	.89	4.75
101	MP4B	Z	.514	4.75
102	MP4B	Mx	-7.4e-5	4.75
103	MP4A	X	12.221	.38
104	MP4A	Z	7.056	.38
105	MP4A	Mx	-.009	.38
106	MP4A	X	12.221	4.38
107	MP4A	Z	7.056	4.38
108	MP4A	Mx	-.009	4.38
109	MP4B	X	13.855	.38
110	MP4B	Z	7.999	.38
111	MP4B	Mx	-.007	.38
112	MP4B	X	13.855	4.38
113	MP4B	Z	7.999	4.38
114	MP4B	Mx	-.007	4.38
115	MP4C	X	12.221	.38
116	MP4C	Z	7.056	.38
117	MP4C	Mx	.018	.38
118	MP4C	X	12.221	4.38
119	MP4C	Z	7.056	4.38
120	MP4C	Mx	.018	4.38
121	MP4A	X	12.221	.38
122	MP4A	Z	7.056	.38
123	MP4A	Mx	-.018	.38
124	MP4A	X	12.221	4.38
125	MP4A	Z	7.056	4.38
126	MP4A	Mx	-.018	4.38
127	MP4B	X	13.855	.38
128	MP4B	Z	7.999	.38
129	MP4B	Mx	.014	.38
130	MP4B	X	13.855	4.38
131	MP4B	Z	7.999	4.38
132	MP4B	Mx	.014	4.38
133	MP4C	X	12.221	.38
134	MP4C	Z	7.056	.38
135	MP4C	Mx	.009	.38
136	MP4C	X	12.221	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
137	MP4C	Z	7.056	4.38
138	MP4C	Mx	.009	4.38
139	MP4A	X	1.113	.25
140	MP4A	Z	.643	.25
141	MP4A	Mx	.000278	.25
142	MP4B	X	2.331	.25
143	MP4B	Z	1.346	.25
144	MP4B	Mx	0	.25
145	MP4A	X	1.113	.25
146	MP4A	Z	.643	.25
147	MP4A	Mx	.000278	.25
148	MP4B	X	2.331	.25
149	MP4B	Z	1.346	.25
150	MP4B	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.297	.25
2	MP3A	Z	3.979	.25
3	MP3A	Mx	-.001	.25
4	MP3A	X	2.297	3.25
5	MP3A	Z	3.979	3.25
6	MP3A	Mx	-.001	3.25
7	MP3B	X	2.537	.25
8	MP3B	Z	4.394	.25
9	MP3B	Mx	-.000868	.25
10	MP3B	X	2.537	3.25
11	MP3B	Z	4.394	3.25
12	MP3B	Mx	-.000868	3.25
13	MP3C	X	.946	.25
14	MP3C	Z	1.639	.25
15	MP3C	Mx	.000946	.25
16	MP3C	X	.946	3.25
17	MP3C	Z	1.639	3.25
18	MP3C	Mx	.000946	3.25
19	MP1A	X	4.785	.42
20	MP1A	Z	8.288	.42
21	MP1A	Mx	-.004	.42
22	MP1A	X	4.785	5
23	MP1A	Z	8.288	5
24	MP1A	Mx	-.004	5
25	MP1B	X	4.868	.42
26	MP1B	Z	8.432	.42
27	MP1B	Mx	-.002	.42
28	MP1B	X	4.868	5
29	MP1B	Z	8.432	5
30	MP1B	Mx	-.002	5
31	MP1C	X	4.316	.42
32	MP1C	Z	7.476	.42
33	MP1C	Mx	.006	.42
34	MP1C	X	4.316	5
35	MP1C	Z	7.476	5
36	MP1C	Mx	.006	5
37	MP5A	X	4.785	.42
38	MP5A	Z	8.288	.42
39	MP5A	Mx	-.004	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP5A	X	4.785	5
41	MP5A	Z	8.288	5
42	MP5A	Mx	-.004	5
43	MP5B	X	4.868	.42
44	MP5B	Z	8.432	.42
45	MP5B	Mx	-.002	.42
46	MP5B	X	4.868	5
47	MP5B	Z	8.432	5
48	MP5B	Mx	-.002	5
49	MP5C	X	4.316	.42
50	MP5C	Z	7.476	.42
51	MP5C	Mx	.006	.42
52	MP5C	X	4.316	5
53	MP5C	Z	7.476	5
54	MP5C	Mx	.006	5
55	MP2A	X	1.873	2
56	MP2A	Z	3.244	2
57	MP2A	Mx	-.001	2
58	MP2B	X	2.018	2
59	MP2B	Z	3.494	2
60	MP2B	Mx	-.001	2
61	MP2C	X	1.058	2
62	MP2C	Z	1.832	2
63	MP2C	Mx	.002	2
64	MP3A	X	1.994	2.33
65	MP3A	Z	3.454	2.33
66	MP3A	Mx	.002	2.33
67	MP3B	X	2.089	2.33
68	MP3B	Z	3.618	2.33
69	MP3B	Mx	.001	2.33
70	MP3C	X	1.458	2.33
71	MP3C	Z	2.525	2.33
72	MP3C	Mx	-.002	2.33
73	MP4A	X	1.927	2
74	MP4A	Z	3.338	2
75	MP4A	Mx	.004	2
76	MP4B	X	2.058	2
77	MP4B	Z	3.564	2
78	MP4B	Mx	.001	2
79	MP4C	X	1.191	2
80	MP4C	Z	2.064	2
81	MP4C	Mx	-.002	2
82	OVP	X	3.361	2.33
83	OVP	Z	5.821	2.33
84	OVP	Mx	.001	2.33
85	MP3A	X	.479	4.75
86	MP3A	Z	.829	4.75
87	MP3A	Mx	.0002	4.75
88	MP3B	X	.5	4.75
89	MP3B	Z	.866	4.75
90	MP3B	Mx	.000143	4.75
91	MP3C	X	.359	4.75
92	MP3C	Z	.622	4.75
93	MP3C	Mx	-.000299	4.75
94	MP4C	X	.359	4.75
95	MP4C	Z	.622	4.75
96	MP4C	Mx	-.000299	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP4A	X	.479	4.75
98	MP4A	Z	.829	4.75
99	MP4A	Mx	.0002	4.75
100	MP4B	X	.5	4.75
101	MP4B	Z	.866	4.75
102	MP4B	Mx	.000143	4.75
103	MP4A	X	7.711	.38
104	MP4A	Z	13.356	.38
105	MP4A	Mx	.00055	.38
106	MP4A	X	7.711	4.38
107	MP4A	Z	13.356	4.38
108	MP4A	Mx	.00055	4.38
109	MP4B	X	7.886	.38
110	MP4B	Z	13.658	.38
111	MP4B	Mx	-.016	.38
112	MP4B	X	7.886	4.38
113	MP4B	Z	13.658	4.38
114	MP4B	Mx	-.016	4.38
115	MP4C	X	6.728	.38
116	MP4C	Z	11.654	.38
117	MP4C	Mx	.015	.38
118	MP4C	X	6.728	4.38
119	MP4C	Z	11.654	4.38
120	MP4C	Mx	.015	4.38
121	MP4A	X	7.711	.38
122	MP4A	Z	13.356	.38
123	MP4A	Mx	-.017	.38
124	MP4A	X	7.711	4.38
125	MP4A	Z	13.356	4.38
126	MP4A	Mx	-.017	4.38
127	MP4B	X	7.886	.38
128	MP4B	Z	13.658	.38
129	MP4B	Mx	.004	.38
130	MP4B	X	7.886	4.38
131	MP4B	Z	13.658	4.38
132	MP4B	Mx	.004	4.38
133	MP4C	X	6.728	.38
134	MP4C	Z	11.654	.38
135	MP4C	Mx	.015	.38
136	MP4C	X	6.728	4.38
137	MP4C	Z	11.654	4.38
138	MP4C	Mx	.015	4.38
139	MP4A	X	1.111	.25
140	MP4A	Z	1.925	.25
141	MP4A	Mx	.000278	.25
142	MP4B	X	1.111	.25
143	MP4B	Z	1.925	.25
144	MP4B	Mx	.000278	.25
145	MP4A	X	1.111	.25
146	MP4A	Z	1.925	.25
147	MP4A	Mx	.000278	.25
148	MP4B	X	1.111	.25
149	MP4B	Z	1.925	.25
150	MP4B	Mx	.000278	.25

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.25
2	MP3A	Z	5.495	.25
3	MP3A	Mx	0	.25
4	MP3A	X	0	3.25
5	MP3A	Z	5.495	3.25
6	MP3A	Mx	0	3.25
7	MP3B	X	0	.25
8	MP3B	Z	3.381	.25
9	MP3B	Mx	-.001	.25
10	MP3B	X	0	3.25
11	MP3B	Z	3.381	3.25
12	MP3B	Mx	-.001	3.25
13	MP3C	X	0	.25
14	MP3C	Z	2.793	.25
15	MP3C	Mx	.001	.25
16	MP3C	X	0	3.25
17	MP3C	Z	2.793	3.25
18	MP3C	Mx	.001	3.25
19	MP1A	X	0	.42
20	MP1A	Z	9.882	.42
21	MP1A	Mx	0	.42
22	MP1A	X	0	5
23	MP1A	Z	9.882	5
24	MP1A	Mx	0	5
25	MP1B	X	0	.42
26	MP1B	Z	9.149	.42
27	MP1B	Mx	-.005	.42
28	MP1B	X	0	5
29	MP1B	Z	9.149	5
30	MP1B	Mx	-.005	5
31	MP1C	X	0	.42
32	MP1C	Z	8.945	.42
33	MP1C	Mx	.006	.42
34	MP1C	X	0	5
35	MP1C	Z	8.945	5
36	MP1C	Mx	.006	5
37	MP5A	X	0	.42
38	MP5A	Z	9.882	.42
39	MP5A	Mx	0	.42
40	MP5A	X	0	5
41	MP5A	Z	9.882	5
42	MP5A	Mx	0	5
43	MP5B	X	0	.42
44	MP5B	Z	9.149	.42
45	MP5B	Mx	-.005	.42
46	MP5B	X	0	5
47	MP5B	Z	9.149	5
48	MP5B	Mx	-.005	5
49	MP5C	X	0	.42
50	MP5C	Z	8.945	.42
51	MP5C	Mx	.006	.42
52	MP5C	X	0	5
53	MP5C	Z	8.945	5
54	MP5C	Mx	.006	5
55	MP2A	X	0	2
56	MP2A	Z	4.289	2
57	MP2A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	0	2
59	MP2B	Z	3.014	2
60	MP2B	Mx	-.002	2
61	MP2C	X	0	2
62	MP2C	Z	2.659	2
63	MP2C	Mx	.002	2
64	MP3A	X	0	2.33
65	MP3A	Z	4.345	2.33
66	MP3A	Mx	0	2.33
67	MP3B	X	0	2.33
68	MP3B	Z	3.506	2.33
69	MP3B	Mx	.002	2.33
70	MP3C	X	0	2.33
71	MP3C	Z	3.273	2.33
72	MP3C	Mx	-.002	2.33
73	MP4A	X	0	2
74	MP4A	Z	4.345	2
75	MP4A	Mx	.003	2
76	MP4B	X	0	2
77	MP4B	Z	3.194	2
78	MP4B	Mx	.002	2
79	MP4C	X	0	2
80	MP4C	Z	2.874	2
81	MP4C	Mx	-.002	2
82	OVP	X	0	2.33
83	OVP	Z	5.567	2.33
84	OVP	Mx	.002	2.33
85	MP3A	X	0	4.75
86	MP3A	Z	1.037	4.75
87	MP3A	Mx	0	4.75
88	MP3B	X	0	4.75
89	MP3B	Z	.85	4.75
90	MP3B	Mx	.000271	4.75
91	MP3C	X	0	4.75
92	MP3C	Z	.798	4.75
93	MP3C	Mx	-.000288	4.75
94	MP4C	X	0	4.75
95	MP4C	Z	.798	4.75
96	MP4C	Mx	-.000288	4.75
97	MP4A	X	0	4.75
98	MP4A	Z	1.037	4.75
99	MP4A	Mx	0	4.75
100	MP4B	X	0	4.75
101	MP4B	Z	.85	4.75
102	MP4B	Mx	.000271	4.75
103	MP4A	X	0	.38
104	MP4A	Z	16.078	.38
105	MP4A	Mx	.011	.38
106	MP4A	X	0	4.38
107	MP4A	Z	16.078	4.38
108	MP4A	Mx	.011	4.38
109	MP4B	X	0	.38
110	MP4B	Z	14.54	.38
111	MP4B	Mx	-.018	.38
112	MP4B	X	0	4.38
113	MP4B	Z	14.54	4.38
114	MP4B	Mx	-.018	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	0	.38
116	MP4C	Z	14.112	.38
117	MP4C	Mx	.009	.38
118	MP4C	X	0	4.38
119	MP4C	Z	14.112	4.38
120	MP4C	Mx	.009	4.38
121	MP4A	X	0	.38
122	MP4A	Z	16.078	.38
123	MP4A	Mx	-.011	.38
124	MP4A	X	0	4.38
125	MP4A	Z	16.078	4.38
126	MP4A	Mx	-.011	4.38
127	MP4B	X	0	.38
128	MP4B	Z	14.54	.38
129	MP4B	Mx	-.006	.38
130	MP4B	X	0	4.38
131	MP4B	Z	14.54	4.38
132	MP4B	Mx	-.006	4.38
133	MP4C	X	0	.38
134	MP4C	Z	14.112	.38
135	MP4C	Mx	.018	.38
136	MP4C	X	0	4.38
137	MP4C	Z	14.112	4.38
138	MP4C	Mx	.018	4.38
139	MP4A	X	0	.25
140	MP4A	Z	2.691	.25
141	MP4A	Mx	0	.25
142	MP4B	X	0	.25
143	MP4B	Z	1.285	.25
144	MP4B	Mx	.000278	.25
145	MP4A	X	0	.25
146	MP4A	Z	2.691	.25
147	MP4A	Mx	0	.25
148	MP4B	X	0	.25
149	MP4B	Z	1.285	.25
150	MP4B	Mx	.000278	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.297	.25
2	MP3A	Z	3.979	.25
3	MP3A	Mx	.001	.25
4	MP3A	X	-2.297	3.25
5	MP3A	Z	3.979	3.25
6	MP3A	Mx	.001	3.25
7	MP3B	X	-1	.25
8	MP3B	Z	1.733	.25
9	MP3B	Mx	-.000985	.25
10	MP3B	X	-1	3.25
11	MP3B	Z	1.733	3.25
12	MP3B	Mx	-.000985	3.25
13	MP3C	X	-2.297	.25
14	MP3C	Z	3.979	.25
15	MP3C	Mx	.001	.25
16	MP3C	X	-2.297	3.25
17	MP3C	Z	3.979	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mx	.001	3.25
19	MP1A	X	-4.785	.42
20	MP1A	Z	8.288	.42
21	MP1A	Mx	.004	.42
22	MP1A	X	-4.785	5
23	MP1A	Z	8.288	5
24	MP1A	Mx	.004	5
25	MP1B	X	-4.335	.42
26	MP1B	Z	7.508	.42
27	MP1B	Mx	-.006	.42
28	MP1B	X	-4.335	5
29	MP1B	Z	7.508	5
30	MP1B	Mx	-.006	5
31	MP1C	X	-4.785	.42
32	MP1C	Z	8.288	.42
33	MP1C	Mx	.004	.42
34	MP1C	X	-4.785	5
35	MP1C	Z	8.288	5
36	MP1C	Mx	.004	5
37	MP5A	X	-4.785	.42
38	MP5A	Z	8.288	.42
39	MP5A	Mx	.004	.42
40	MP5A	X	-4.785	5
41	MP5A	Z	8.288	5
42	MP5A	Mx	.004	5
43	MP5B	X	-4.335	.42
44	MP5B	Z	7.508	.42
45	MP5B	Mx	-.006	.42
46	MP5B	X	-4.335	5
47	MP5B	Z	7.508	5
48	MP5B	Mx	-.006	5
49	MP5C	X	-4.785	.42
50	MP5C	Z	8.288	.42
51	MP5C	Mx	.004	.42
52	MP5C	X	-4.785	5
53	MP5C	Z	8.288	5
54	MP5C	Mx	.004	5
55	MP2A	X	-1.873	2
56	MP2A	Z	3.244	2
57	MP2A	Mx	.001	2
58	MP2B	X	-1.091	2
59	MP2B	Z	1.889	2
60	MP2B	Mx	-.002	2
61	MP2C	X	-1.873	2
62	MP2C	Z	3.244	2
63	MP2C	Mx	.001	2
64	MP3A	X	-1.994	2.33
65	MP3A	Z	3.454	2.33
66	MP3A	Mx	-.002	2.33
67	MP3B	X	-1.479	2.33
68	MP3B	Z	2.562	2.33
69	MP3B	Mx	.002	2.33
70	MP3C	X	-1.994	2.33
71	MP3C	Z	3.454	2.33
72	MP3C	Mx	-.002	2.33
73	MP4A	X	-1.927	2
74	MP4A	Z	3.338	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP4A	Mx	.00062	2
76	MP4B	X	-1.221	2
77	MP4B	Z	2.115	2
78	MP4B	Mx	.002	2
79	MP4C	X	-1.927	2
80	MP4C	Z	3.338	2
81	MP4C	Mx	-.002	2
82	OVP	X	-2.313	2.33
83	OVP	Z	4.006	2.33
84	OVP	Mx	.002	2.33
85	MP3A	X	-.479	4.75
86	MP3A	Z	.829	4.75
87	MP3A	Mx	-.0002	4.75
88	MP3B	X	-.364	4.75
89	MP3B	Z	.63	4.75
90	MP3B	Mx	.000299	4.75
91	MP3C	X	-.479	4.75
92	MP3C	Z	.829	4.75
93	MP3C	Mx	-.000199	4.75
94	MP4C	X	-.479	4.75
95	MP4C	Z	.829	4.75
96	MP4C	Mx	-.000199	4.75
97	MP4A	X	-.479	4.75
98	MP4A	Z	.829	4.75
99	MP4A	Mx	-.0002	4.75
100	MP4B	X	-.364	4.75
101	MP4B	Z	.63	4.75
102	MP4B	Mx	.000299	4.75
103	MP4A	X	-7.711	.38
104	MP4A	Z	13.356	.38
105	MP4A	Mx	.017	.38
106	MP4A	X	-7.711	4.38
107	MP4A	Z	13.356	4.38
108	MP4A	Mx	.017	4.38
109	MP4B	X	-6.768	.38
110	MP4B	Z	11.722	.38
111	MP4B	Mx	-.016	.38
112	MP4B	X	-6.768	4.38
113	MP4B	Z	11.722	4.38
114	MP4B	Mx	-.016	4.38
115	MP4C	X	-7.711	.38
116	MP4C	Z	13.356	.38
117	MP4C	Mx	-.00055	.38
118	MP4C	X	-7.711	4.38
119	MP4C	Z	13.356	4.38
120	MP4C	Mx	-.00055	4.38
121	MP4A	X	-7.711	.38
122	MP4A	Z	13.356	.38
123	MP4A	Mx	-.00055	.38
124	MP4A	X	-7.711	4.38
125	MP4A	Z	13.356	4.38
126	MP4A	Mx	-.00055	4.38
127	MP4B	X	-6.768	.38
128	MP4B	Z	11.722	.38
129	MP4B	Mx	-.013	.38
130	MP4B	X	-6.768	4.38
131	MP4B	Z	11.722	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	MP4B	Mx	-.013	4.38
133	MP4C	X	-7.711	.38
134	MP4C	Z	13.356	.38
135	MP4C	Mx	.017	.38
136	MP4C	X	-7.711	4.38
137	MP4C	Z	13.356	4.38
138	MP4C	Mx	.017	4.38
139	MP4A	X	-1.111	.25
140	MP4A	Z	1.925	.25
141	MP4A	Mx	-.000278	.25
142	MP4B	X	-.408	.25
143	MP4B	Z	.707	.25
144	MP4B	Mx	.000204	.25
145	MP4A	X	-1.111	.25
146	MP4A	Z	1.925	.25
147	MP4A	Mx	-.000278	.25
148	MP4B	X	-.408	.25
149	MP4B	Z	.707	.25
150	MP4B	Mx	.000204	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.419	.25
2	MP3A	Z	1.396	.25
3	MP3A	Mx	.001	.25
4	MP3A	X	-2.419	3.25
5	MP3A	Z	1.396	3.25
6	MP3A	Mx	.001	3.25
7	MP3B	X	-2.004	.25
8	MP3B	Z	1.157	.25
9	MP3B	Mx	-.001	.25
10	MP3B	X	-2.004	3.25
11	MP3B	Z	1.157	3.25
12	MP3B	Mx	-.001	3.25
13	MP3C	X	-4.759	.25
14	MP3C	Z	2.747	.25
15	MP3C	Mx	0	.25
16	MP3C	X	-4.759	3.25
17	MP3C	Z	2.747	3.25
18	MP3C	Mx	0	3.25
19	MP1A	X	-7.746	.42
20	MP1A	Z	4.472	.42
21	MP1A	Mx	.006	.42
22	MP1A	X	-7.746	5
23	MP1A	Z	4.472	5
24	MP1A	Mx	.006	5
25	MP1B	X	-7.602	.42
26	MP1B	Z	4.389	.42
27	MP1B	Mx	-.006	.42
28	MP1B	X	-7.602	5
29	MP1B	Z	4.389	5
30	MP1B	Mx	-.006	5
31	MP1C	X	-8.558	.42
32	MP1C	Z	4.941	.42
33	MP1C	Mx	0	.42
34	MP1C	X	-8.558	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP1C	Z	4.941	5
36	MP1C	Mx	0	5
37	MP5A	X	-7.746	.42
38	MP5A	Z	4.472	.42
39	MP5A	Mx	.006	.42
40	MP5A	X	-7.746	5
41	MP5A	Z	4.472	5
42	MP5A	Mx	.006	5
43	MP5B	X	-7.602	.42
44	MP5B	Z	4.389	.42
45	MP5B	Mx	-.006	.42
46	MP5B	X	-7.602	5
47	MP5B	Z	4.389	5
48	MP5B	Mx	-.006	5
49	MP5C	X	-8.558	.42
50	MP5C	Z	4.941	.42
51	MP5C	Mx	0	.42
52	MP5C	X	-8.558	5
53	MP5C	Z	4.941	5
54	MP5C	Mx	0	5
55	MP2A	X	-2.303	2
56	MP2A	Z	1.33	2
57	MP2A	Mx	.002	2
58	MP2B	X	-2.053	2
59	MP2B	Z	1.185	2
60	MP2B	Mx	-.002	2
61	MP2C	X	-3.715	2
62	MP2C	Z	2.145	2
63	MP2C	Mx	0	2
64	MP3A	X	-2.835	2.33
65	MP3A	Z	1.637	2.33
66	MP3A	Mx	-.002	2.33
67	MP3B	X	-2.67	2.33
68	MP3B	Z	1.541	2.33
69	MP3B	Mx	.002	2.33
70	MP3C	X	-3.763	2.33
71	MP3C	Z	2.173	2.33
72	MP3C	Mx	0	2.33
73	MP4A	X	-2.489	2
74	MP4A	Z	1.437	2
75	MP4A	Mx	-.001	2
76	MP4B	X	-2.262	2
77	MP4B	Z	1.306	2
78	MP4B	Mx	.002	2
79	MP4C	X	-3.763	2
80	MP4C	Z	2.173	2
81	MP4C	Mx	0	2
82	OVP	X	-4.191	2.33
83	OVP	Z	2.419	2.33
84	OVP	Mx	.002	2.33
85	MP3A	X	-.691	4.75
86	MP3A	Z	.399	4.75
87	MP3A	Mx	-.000288	4.75
88	MP3B	X	-.654	4.75
89	MP3B	Z	.378	4.75
90	MP3B	Mx	.000296	4.75
91	MP3C	X	-.898	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP3C	Z	.519	4.75
93	MP3C	Mx	0	4.75
94	MP4C	X	-.898	4.75
95	MP4C	Z	.519	4.75
96	MP4C	Mx	0	4.75
97	MP4A	X	-.691	4.75
98	MP4A	Z	.399	4.75
99	MP4A	Mx	-.000288	4.75
100	MP4B	X	-.654	4.75
101	MP4B	Z	.378	4.75
102	MP4B	Mx	.000296	4.75
103	MP4A	X	-12.221	.38
104	MP4A	Z	7.056	.38
105	MP4A	Mx	.018	.38
106	MP4A	X	-12.221	4.38
107	MP4A	Z	7.056	4.38
108	MP4A	Mx	.018	4.38
109	MP4B	X	-11.919	.38
110	MP4B	Z	6.882	.38
111	MP4B	Mx	-.011	.38
112	MP4B	X	-11.919	4.38
113	MP4B	Z	6.882	4.38
114	MP4B	Mx	-.011	4.38
115	MP4C	X	-13.924	.38
116	MP4C	Z	8.039	.38
117	MP4C	Mx	-.011	.38
118	MP4C	X	-13.924	4.38
119	MP4C	Z	8.039	4.38
120	MP4C	Mx	-.011	4.38
121	MP4A	X	-12.221	.38
122	MP4A	Z	7.056	.38
123	MP4A	Mx	.009	.38
124	MP4A	X	-12.221	4.38
125	MP4A	Z	7.056	4.38
126	MP4A	Mx	.009	4.38
127	MP4B	X	-11.919	.38
128	MP4B	Z	6.882	.38
129	MP4B	Mx	-.017	.38
130	MP4B	X	-11.919	4.38
131	MP4B	Z	6.882	4.38
132	MP4B	Mx	-.017	4.38
133	MP4C	X	-13.924	.38
134	MP4C	Z	8.039	.38
135	MP4C	Mx	.011	.38
136	MP4C	X	-13.924	4.38
137	MP4C	Z	8.039	4.38
138	MP4C	Mx	.011	4.38
139	MP4A	X	-1.113	.25
140	MP4A	Z	.643	.25
141	MP4A	Mx	-.000278	.25
142	MP4B	X	-1.113	.25
143	MP4B	Z	.643	.25
144	MP4B	Mx	.000278	.25
145	MP4A	X	-1.113	.25
146	MP4A	Z	.643	.25
147	MP4A	Mx	-.000278	.25
148	MP4B	X	-1.113	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
149	MP4B	Z	.643	.25
150	MP4B	Mx	.000278	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.892	.25
2	MP3A	Z	0	.25
3	MP3A	Mx	.000946	.25
4	MP3A	X	-1.892	3.25
5	MP3A	Z	0	3.25
6	MP3A	Mx	.000946	3.25
7	MP3B	X	-4.006	.25
8	MP3B	Z	0	.25
9	MP3B	Mx	-.001	.25
10	MP3B	X	-4.006	3.25
11	MP3B	Z	0	3.25
12	MP3B	Mx	-.001	3.25
13	MP3C	X	-4.594	.25
14	MP3C	Z	0	.25
15	MP3C	Mx	-.001	.25
16	MP3C	X	-4.594	3.25
17	MP3C	Z	0	3.25
18	MP3C	Mx	-.001	3.25
19	MP1A	X	-8.632	.42
20	MP1A	Z	0	.42
21	MP1A	Mx	.006	.42
22	MP1A	X	-8.632	5
23	MP1A	Z	0	5
24	MP1A	Mx	.006	5
25	MP1B	X	-9.366	.42
26	MP1B	Z	0	.42
27	MP1B	Mx	-.005	.42
28	MP1B	X	-9.366	5
29	MP1B	Z	0	5
30	MP1B	Mx	-.005	5
31	MP1C	X	-9.57	.42
32	MP1C	Z	0	.42
33	MP1C	Mx	-.004	.42
34	MP1C	X	-9.57	5
35	MP1C	Z	0	5
36	MP1C	Mx	-.004	5
37	MP5A	X	-8.632	.42
38	MP5A	Z	0	.42
39	MP5A	Mx	.006	.42
40	MP5A	X	-8.632	5
41	MP5A	Z	0	5
42	MP5A	Mx	.006	5
43	MP5B	X	-9.366	.42
44	MP5B	Z	0	.42
45	MP5B	Mx	-.005	.42
46	MP5B	X	-9.366	5
47	MP5B	Z	0	5
48	MP5B	Mx	-.005	5
49	MP5C	X	-9.57	.42
50	MP5C	Z	0	.42
51	MP5C	Mx	-.004	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP5C	X	-9.57	5
53	MP5C	Z	0	5
54	MP5C	Mx	-.004	5
55	MP2A	X	-2.116	2
56	MP2A	Z	0	2
57	MP2A	Mx	.002	2
58	MP2B	X	-3.391	2
59	MP2B	Z	0	2
60	MP2B	Mx	-.002	2
61	MP2C	X	-3.746	2
62	MP2C	Z	0	2
63	MP2C	Mx	-.001	2
64	MP3A	X	-2.916	2.33
65	MP3A	Z	0	2.33
66	MP3A	Mx	-.002	2.33
67	MP3B	X	-3.755	2.33
68	MP3B	Z	0	2.33
69	MP3B	Mx	.002	2.33
70	MP3C	X	-3.988	2.33
71	MP3C	Z	0	2.33
72	MP3C	Mx	.002	2.33
73	MP4A	X	-2.383	2
74	MP4A	Z	0	2
75	MP4A	Mx	-.002	2
76	MP4B	X	-3.535	2
77	MP4B	Z	0	2
78	MP4B	Mx	.002	2
79	MP4C	X	-3.855	2
80	MP4C	Z	0	2
81	MP4C	Mx	.002	2
82	OVP	X	-5.993	2.33
83	OVP	Z	0	2.33
84	OVP	Mx	.002	2.33
85	MP3A	X	-.718	4.75
86	MP3A	Z	0	4.75
87	MP3A	Mx	-.000299	4.75
88	MP3B	X	-.905	4.75
89	MP3B	Z	0	4.75
90	MP3B	Mx	.000242	4.75
91	MP3C	X	-.957	4.75
92	MP3C	Z	0	4.75
93	MP3C	Mx	.000199	4.75
94	MP4C	X	-.957	4.75
95	MP4C	Z	0	4.75
96	MP4C	Mx	.000199	4.75
97	MP4A	X	-.718	4.75
98	MP4A	Z	0	4.75
99	MP4A	Mx	-.000299	4.75
100	MP4B	X	-.905	4.75
101	MP4B	Z	0	4.75
102	MP4B	Mx	.000242	4.75
103	MP4A	X	-13.457	.38
104	MP4A	Z	0	.38
105	MP4A	Mx	.015	.38
106	MP4A	X	-13.457	4.38
107	MP4A	Z	0	4.38
108	MP4A	Mx	.015	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP4B	X	-14.995	.38
110	MP4B	Z	0	.38
111	MP4B	Mx	-.003	.38
112	MP4B	X	-14.995	4.38
113	MP4B	Z	0	4.38
114	MP4B	Mx	-.003	4.38
115	MP4C	X	-15.422	.38
116	MP4C	Z	0	.38
117	MP4C	Mx	-.017	.38
118	MP4C	X	-15.422	4.38
119	MP4C	Z	0	4.38
120	MP4C	Mx	-.017	4.38
121	MP4A	X	-13.457	.38
122	MP4A	Z	0	.38
123	MP4A	Mx	.015	.38
124	MP4A	X	-13.457	4.38
125	MP4A	Z	0	4.38
126	MP4A	Mx	.015	4.38
127	MP4B	X	-14.995	.38
128	MP4B	Z	0	.38
129	MP4B	Mx	-.018	.38
130	MP4B	X	-14.995	4.38
131	MP4B	Z	0	4.38
132	MP4B	Mx	-.018	4.38
133	MP4C	X	-15.422	.38
134	MP4C	Z	0	.38
135	MP4C	Mx	.00055	.38
136	MP4C	X	-15.422	4.38
137	MP4C	Z	0	4.38
138	MP4C	Mx	.00055	4.38
139	MP4A	X	-.816	.25
140	MP4A	Z	0	.25
141	MP4A	Mx	-.000204	.25
142	MP4B	X	-2.223	.25
143	MP4B	Z	0	.25
144	MP4B	Mx	.000278	.25
145	MP4A	X	-.816	.25
146	MP4A	Z	0	.25
147	MP4A	Mx	-.000204	.25
148	MP4B	X	-2.223	.25
149	MP4B	Z	0	.25
150	MP4B	Mx	.000278	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.419	.25
2	MP3A	Z	-1.396	.25
3	MP3A	Mx	.001	.25
4	MP3A	X	-2.419	3.25
5	MP3A	Z	-1.396	3.25
6	MP3A	Mx	.001	3.25
7	MP3B	X	-4.665	.25
8	MP3B	Z	-2.693	.25
9	MP3B	Mx	-.000468	.25
10	MP3B	X	-4.665	3.25
11	MP3B	Z	-2.693	3.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3B	Mx	-.000468	3.25
13	MP3C	X	-2.419	.25
14	MP3C	Z	-1.396	.25
15	MP3C	Mx	-.001	.25
16	MP3C	X	-2.419	3.25
17	MP3C	Z	-1.396	3.25
18	MP3C	Mx	-.001	3.25
19	MP1A	X	-7.746	.42
20	MP1A	Z	-4.472	.42
21	MP1A	Mx	.006	.42
22	MP1A	X	-7.746	5
23	MP1A	Z	-4.472	5
24	MP1A	Mx	.006	5
25	MP1B	X	-8.526	.42
26	MP1B	Z	-4.922	.42
27	MP1B	Mx	-.001	.42
28	MP1B	X	-8.526	5
29	MP1B	Z	-4.922	5
30	MP1B	Mx	-.001	5
31	MP1C	X	-7.746	.42
32	MP1C	Z	-4.472	.42
33	MP1C	Mx	-.006	.42
34	MP1C	X	-7.746	5
35	MP1C	Z	-4.472	5
36	MP1C	Mx	-.006	5
37	MP5A	X	-7.746	.42
38	MP5A	Z	-4.472	.42
39	MP5A	Mx	.006	.42
40	MP5A	X	-7.746	5
41	MP5A	Z	-4.472	5
42	MP5A	Mx	.006	5
43	MP5B	X	-8.526	.42
44	MP5B	Z	-4.922	.42
45	MP5B	Mx	-.001	.42
46	MP5B	X	-8.526	5
47	MP5B	Z	-4.922	5
48	MP5B	Mx	-.001	5
49	MP5C	X	-7.746	.42
50	MP5C	Z	-4.472	.42
51	MP5C	Mx	-.006	.42
52	MP5C	X	-7.746	5
53	MP5C	Z	-4.472	5
54	MP5C	Mx	-.006	5
55	MP2A	X	-2.303	2
56	MP2A	Z	-1.33	2
57	MP2A	Mx	.002	2
58	MP2B	X	-3.658	2
59	MP2B	Z	-2.112	2
60	MP2B	Mx	-.00055	2
61	MP2C	X	-2.303	2
62	MP2C	Z	-1.33	2
63	MP2C	Mx	-.002	2
64	MP3A	X	-2.835	2.33
65	MP3A	Z	-1.637	2.33
66	MP3A	Mx	-.002	2.33
67	MP3B	X	-3.726	2.33
68	MP3B	Z	-2.151	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3B	Mx	.000623	2.33
70	MP3C	X	-2.835	2.33
71	MP3C	Z	-1.637	2.33
72	MP3C	Mx	.002	2.33
73	MP4A	X	-2.489	2
74	MP4A	Z	-1.437	2
75	MP4A	Mx	-.003	2
76	MP4B	X	-3.712	2
77	MP4B	Z	-2.143	2
78	MP4B	Mx	.00062	2
79	MP4C	X	-2.489	2
80	MP4C	Z	-1.437	2
81	MP4C	Mx	.002	2
82	OVP	X	-6.005	2.33
83	OVP	Z	-3.467	2.33
84	OVP	Mx	.000602	2.33
85	MP3A	X	-.691	4.75
86	MP3A	Z	-.399	4.75
87	MP3A	Mx	-.000288	4.75
88	MP3B	X	-.89	4.75
89	MP3B	Z	-.514	4.75
90	MP3B	Mx	7.4e-5	4.75
91	MP3C	X	-.691	4.75
92	MP3C	Z	-.399	4.75
93	MP3C	Mx	.000288	4.75
94	MP4C	X	-.691	4.75
95	MP4C	Z	-.399	4.75
96	MP4C	Mx	.000288	4.75
97	MP4A	X	-.691	4.75
98	MP4A	Z	-.399	4.75
99	MP4A	Mx	-.000288	4.75
100	MP4B	X	-.89	4.75
101	MP4B	Z	-.514	4.75
102	MP4B	Mx	7.4e-5	4.75
103	MP4A	X	-12.221	.38
104	MP4A	Z	-7.056	.38
105	MP4A	Mx	.009	.38
106	MP4A	X	-12.221	4.38
107	MP4A	Z	-7.056	4.38
108	MP4A	Mx	.009	4.38
109	MP4B	X	-13.855	.38
110	MP4B	Z	-7.999	.38
111	MP4B	Mx	.007	.38
112	MP4B	X	-13.855	4.38
113	MP4B	Z	-7.999	4.38
114	MP4B	Mx	.007	4.38
115	MP4C	X	-12.221	.38
116	MP4C	Z	-7.056	.38
117	MP4C	Mx	-.018	.38
118	MP4C	X	-12.221	4.38
119	MP4C	Z	-7.056	4.38
120	MP4C	Mx	-.018	4.38
121	MP4A	X	-12.221	.38
122	MP4A	Z	-7.056	.38
123	MP4A	Mx	.018	.38
124	MP4A	X	-12.221	4.38
125	MP4A	Z	-7.056	4.38

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	MP4A	Mx	.018	4.38
127	MP4B	X	-13.855	.38
128	MP4B	Z	-7.999	.38
129	MP4B	Mx	-.014	.38
130	MP4B	X	-13.855	4.38
131	MP4B	Z	-7.999	4.38
132	MP4B	Mx	-.014	4.38
133	MP4C	X	-12.221	.38
134	MP4C	Z	-7.056	.38
135	MP4C	Mx	-.009	.38
136	MP4C	X	-12.221	4.38
137	MP4C	Z	-7.056	4.38
138	MP4C	Mx	-.009	4.38
139	MP4A	X	-1.113	.25
140	MP4A	Z	-.643	.25
141	MP4A	Mx	-.000278	.25
142	MP4B	X	-2.331	.25
143	MP4B	Z	-1.346	.25
144	MP4B	Mx	0	.25
145	MP4A	X	-1.113	.25
146	MP4A	Z	-.643	.25
147	MP4A	Mx	-.000278	.25
148	MP4B	X	-2.331	.25
149	MP4B	Z	-1.346	.25
150	MP4B	Mx	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.297	.25
2	MP3A	Z	-3.979	.25
3	MP3A	Mx	.001	.25
4	MP3A	X	-2.297	3.25
5	MP3A	Z	-3.979	3.25
6	MP3A	Mx	.001	3.25
7	MP3B	X	-2.537	.25
8	MP3B	Z	-4.394	.25
9	MP3B	Mx	.000868	.25
10	MP3B	X	-2.537	3.25
11	MP3B	Z	-4.394	3.25
12	MP3B	Mx	.000868	3.25
13	MP3C	X	-.946	.25
14	MP3C	Z	-1.639	.25
15	MP3C	Mx	-.000946	.25
16	MP3C	X	-.946	3.25
17	MP3C	Z	-1.639	3.25
18	MP3C	Mx	-.000946	3.25
19	MP1A	X	-4.785	.42
20	MP1A	Z	-8.288	.42
21	MP1A	Mx	.004	.42
22	MP1A	X	-4.785	5
23	MP1A	Z	-8.288	5
24	MP1A	Mx	.004	5
25	MP1B	X	-4.868	.42
26	MP1B	Z	-8.432	.42
27	MP1B	Mx	.002	.42
28	MP1B	X	-4.868	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	-8.432	5
30	MP1B	Mx	.002	5
31	MP1C	X	-4.316	.42
32	MP1C	Z	-7.476	.42
33	MP1C	Mx	-.006	.42
34	MP1C	X	-4.316	5
35	MP1C	Z	-7.476	5
36	MP1C	Mx	-.006	5
37	MP5A	X	-4.785	.42
38	MP5A	Z	-8.288	.42
39	MP5A	Mx	.004	.42
40	MP5A	X	-4.785	5
41	MP5A	Z	-8.288	5
42	MP5A	Mx	.004	5
43	MP5B	X	-4.868	.42
44	MP5B	Z	-8.432	.42
45	MP5B	Mx	.002	.42
46	MP5B	X	-4.868	5
47	MP5B	Z	-8.432	5
48	MP5B	Mx	.002	5
49	MP5C	X	-4.316	.42
50	MP5C	Z	-7.476	.42
51	MP5C	Mx	-.006	.42
52	MP5C	X	-4.316	5
53	MP5C	Z	-7.476	5
54	MP5C	Mx	-.006	5
55	MP2A	X	-1.873	2
56	MP2A	Z	-3.244	2
57	MP2A	Mx	.001	2
58	MP2B	X	-2.018	2
59	MP2B	Z	-3.494	2
60	MP2B	Mx	.001	2
61	MP2C	X	-1.058	2
62	MP2C	Z	-1.832	2
63	MP2C	Mx	-.002	2
64	MP3A	X	-1.994	2.33
65	MP3A	Z	-3.454	2.33
66	MP3A	Mx	-.002	2.33
67	MP3B	X	-2.089	2.33
68	MP3B	Z	-3.618	2.33
69	MP3B	Mx	-.001	2.33
70	MP3C	X	-1.458	2.33
71	MP3C	Z	-2.525	2.33
72	MP3C	Mx	.002	2.33
73	MP4A	X	-1.927	2
74	MP4A	Z	-3.338	2
75	MP4A	Mx	-.004	2
76	MP4B	X	-2.058	2
77	MP4B	Z	-3.564	2
78	MP4B	Mx	-.001	2
79	MP4C	X	-1.191	2
80	MP4C	Z	-2.064	2
81	MP4C	Mx	.002	2
82	OVP	X	-3.361	2.33
83	OVP	Z	-5.821	2.33
84	OVP	Mx	-.001	2.33
85	MP3A	X	-.479	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP3A	Z	-.829	4.75
87	MP3A	Mx	-.0002	4.75
88	MP3B	X	-.5	4.75
89	MP3B	Z	-.866	4.75
90	MP3B	Mx	-.000143	4.75
91	MP3C	X	-.359	4.75
92	MP3C	Z	-.622	4.75
93	MP3C	Mx	.000299	4.75
94	MP4C	X	-.359	4.75
95	MP4C	Z	-.622	4.75
96	MP4C	Mx	.000299	4.75
97	MP4A	X	-.479	4.75
98	MP4A	Z	-.829	4.75
99	MP4A	Mx	-.0002	4.75
100	MP4B	X	-.5	4.75
101	MP4B	Z	-.866	4.75
102	MP4B	Mx	-.000143	4.75
103	MP4A	X	-7.711	.38
104	MP4A	Z	-13.356	.38
105	MP4A	Mx	-.00055	.38
106	MP4A	X	-7.711	4.38
107	MP4A	Z	-13.356	4.38
108	MP4A	Mx	-.00055	4.38
109	MP4B	X	-7.886	.38
110	MP4B	Z	-13.658	.38
111	MP4B	Mx	.016	.38
112	MP4B	X	-7.886	4.38
113	MP4B	Z	-13.658	4.38
114	MP4B	Mx	.016	4.38
115	MP4C	X	-6.728	.38
116	MP4C	Z	-11.654	.38
117	MP4C	Mx	-.015	.38
118	MP4C	X	-6.728	4.38
119	MP4C	Z	-11.654	4.38
120	MP4C	Mx	-.015	4.38
121	MP4A	X	-7.711	.38
122	MP4A	Z	-13.356	.38
123	MP4A	Mx	.017	.38
124	MP4A	X	-7.711	4.38
125	MP4A	Z	-13.356	4.38
126	MP4A	Mx	.017	4.38
127	MP4B	X	-7.886	.38
128	MP4B	Z	-13.658	.38
129	MP4B	Mx	-.004	.38
130	MP4B	X	-7.886	4.38
131	MP4B	Z	-13.658	4.38
132	MP4B	Mx	-.004	4.38
133	MP4C	X	-6.728	.38
134	MP4C	Z	-11.654	.38
135	MP4C	Mx	-.015	.38
136	MP4C	X	-6.728	4.38
137	MP4C	Z	-11.654	4.38
138	MP4C	Mx	-.015	4.38
139	MP4A	X	-1.111	.25
140	MP4A	Z	-1.925	.25
141	MP4A	Mx	-.000278	.25
142	MP4B	X	-1.111	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
143	MP4B	Z	-1.925	.25
144	MP4B	Mx	-.000278	.25
145	MP4A	X	-1.111	.25
146	MP4A	Z	-1.925	.25
147	MP4A	Mx	-.000278	.25
148	MP4B	X	-1.111	.25
149	MP4B	Z	-1.925	.25
150	MP4B	Mx	-.000278	.25

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	LLIVE1	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%45

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M2	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-1.942	.25
2	MP3A	My	-.000971	.25
3	MP3A	Mz	0	.25
4	MP3A	Y	-1.942	3.25
5	MP3A	My	-.000971	3.25
6	MP3A	Mz	0	3.25
7	MP3B	Y	-1.942	.25
8	MP3B	My	.000624	.25
9	MP3B	Mz	-.000744	.25
10	MP3B	Y	-1.942	3.25
11	MP3B	My	.000624	3.25
12	MP3B	Mz	-.000744	3.25
13	MP3C	Y	-1.942	.25
14	MP3C	My	.000485	.25
15	MP3C	Mz	.000841	.25
16	MP3C	Y	-1.942	3.25
17	MP3C	My	.000485	3.25
18	MP3C	Mz	.000841	3.25
19	MP1A	Y	-.468	.42
20	MP1A	My	-.000351	.42
21	MP1A	Mz	0	.42
22	MP1A	Y	-.468	5
23	MP1A	My	-.000351	5
24	MP1A	Mz	0	5
25	MP1B	Y	-.468	.42
26	MP1B	My	.000226	.42
27	MP1B	Mz	-.000269	.42

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP1B	Y	-.468	5
29	MP1B	My	.000226	5
30	MP1B	Mz	-.000269	5
31	MP1C	Y	-.468	.42
32	MP1C	My	.000176	.42
33	MP1C	Mz	.000304	.42
34	MP1C	Y	-.468	5
35	MP1C	My	.000176	5
36	MP1C	Mz	.000304	5
37	MP5A	Y	-.468	.42
38	MP5A	My	-.000351	.42
39	MP5A	Mz	0	.42
40	MP5A	Y	-.468	5
41	MP5A	My	-.000351	5
42	MP5A	Mz	0	5
43	MP5B	Y	-.468	.42
44	MP5B	My	.000226	.42
45	MP5B	Mz	-.000269	.42
46	MP5B	Y	-.468	5
47	MP5B	My	.000226	5
48	MP5B	Mz	-.000269	5
49	MP5C	Y	-.468	.42
50	MP5C	My	.000176	.42
51	MP5C	Mz	.000304	.42
52	MP5C	Y	-.468	5
53	MP5C	My	.000176	5
54	MP5C	Mz	.000304	5
55	MP2A	Y	-1.034	2
56	MP2A	My	-.000776	2
57	MP2A	Mz	0	2
58	MP2B	Y	-1.034	2
59	MP2B	My	.000499	2
60	MP2B	Mz	-.000594	2
61	MP2C	Y	-1.034	2
62	MP2C	My	.000388	2
63	MP2C	Mz	.000672	2
64	MP3A	Y	-3.763	2.33
65	MP3A	My	.003	2.33
66	MP3A	Mz	0	2.33
67	MP3B	Y	-3.763	2.33
68	MP3B	My	-.002	2.33
69	MP3B	Mz	.002	2.33
70	MP3C	Y	-3.763	2.33
71	MP3C	My	-.002	2.33
72	MP3C	Mz	-.003	2.33
73	MP4A	Y	-3.134	2
74	MP4A	My	.003	2
75	MP4A	Mz	.002	2
76	MP4B	Y	-3.134	2
77	MP4B	My	-.002	2
78	MP4B	Mz	.002	2
79	MP4C	Y	-3.134	2
80	MP4C	My	-.001	2
81	MP4C	Mz	-.002	2
82	OVP	Y	-1.199	2.33
83	OVP	My	-.000385	2.33
84	OVP	Mz	.000459	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP3A	Y	-.464	4.75
86	MP3A	My	.000193	4.75
87	MP3A	Mz	0	4.75
88	MP3B	Y	-.464	4.75
89	MP3B	My	-.000124	4.75
90	MP3B	Mz	.000148	4.75
91	MP3C	Y	-.464	4.75
92	MP3C	My	-9.7e-5	4.75
93	MP3C	Mz	-.000167	4.75
94	MP4C	Y	-.464	4.75
95	MP4C	My	-9.7e-5	4.75
96	MP4C	Mz	-.000167	4.75
97	MP4A	Y	-.464	4.75
98	MP4A	My	.000193	4.75
99	MP4A	Mz	0	4.75
100	MP4B	Y	-.464	4.75
101	MP4B	My	-.000124	4.75
102	MP4B	Mz	.000148	4.75
103	MP4A	Y	-2.185	.38
104	MP4A	My	-.002	.38
105	MP4A	Mz	.001	.38
106	MP4A	Y	-2.185	4.38
107	MP4A	My	-.002	4.38
108	MP4A	Mz	.001	4.38
109	MP4B	Y	-2.185	.38
110	MP4B	My	.000406	.38
111	MP4B	Mz	-.003	.38
112	MP4B	Y	-2.185	4.38
113	MP4B	My	.000406	4.38
114	MP4B	Mz	-.003	4.38
115	MP4C	Y	-2.185	.38
116	MP4C	My	.002	.38
117	MP4C	Mz	.001	.38
118	MP4C	Y	-2.185	4.38
119	MP4C	My	.002	4.38
120	MP4C	Mz	.001	4.38
121	MP4A	Y	-2.185	.38
122	MP4A	My	-.002	.38
123	MP4A	Mz	-.001	.38
124	MP4A	Y	-2.185	4.38
125	MP4A	My	-.002	4.38
126	MP4A	Mz	-.001	4.38
127	MP4B	Y	-2.185	.38
128	MP4B	My	.003	.38
129	MP4B	Mz	-.000877	.38
130	MP4B	Y	-2.185	4.38
131	MP4B	My	.003	4.38
132	MP4B	Mz	-.000877	4.38
133	MP4C	Y	-2.185	.38
134	MP4C	My	-7.8e-5	.38
135	MP4C	Mz	.003	.38
136	MP4C	Y	-2.185	4.38
137	MP4C	My	-7.8e-5	4.38
138	MP4C	Mz	.003	4.38
139	MP4A	Y	-.785	.25
140	MP4A	My	.000196	.25
141	MP4A	Mz	0	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
142	MP4B	Y	-.785	.25
143	MP4B	My	-9.8e-5	.25
144	MP4B	Mz	.00017	.25
145	MP4A	Y	-.785	.25
146	MP4A	My	.000196	.25
147	MP4A	Mz	0	.25
148	MP4B	Y	-.785	.25
149	MP4B	My	-9.8e-5	.25
150	MP4B	Mz	.00017	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-4.854	.25
2	MP3A	Mx	0	.25
3	MP3A	Z	-4.854	3.25
4	MP3A	Mx	0	3.25
5	MP3B	Z	-4.854	.25
6	MP3B	Mx	.002	.25
7	MP3B	Z	-4.854	3.25
8	MP3B	Mx	.002	3.25
9	MP3C	Z	-4.854	.25
10	MP3C	Mx	-.002	.25
11	MP3C	Z	-4.854	3.25
12	MP3C	Mx	-.002	3.25
13	MP1A	Z	-1.17	.42
14	MP1A	Mx	0	.42
15	MP1A	Z	-1.17	5
16	MP1A	Mx	0	5
17	MP1B	Z	-1.17	.42
18	MP1B	Mx	.000672	.42
19	MP1B	Z	-1.17	5
20	MP1B	Mx	.000672	5
21	MP1C	Z	-1.17	.42
22	MP1C	Mx	-.00076	.42
23	MP1C	Z	-1.17	5
24	MP1C	Mx	-.00076	5
25	MP5A	Z	-1.17	.42
26	MP5A	Mx	0	.42
27	MP5A	Z	-1.17	5
28	MP5A	Mx	0	5
29	MP5B	Z	-1.17	.42
30	MP5B	Mx	.000672	.42
31	MP5B	Z	-1.17	5
32	MP5B	Mx	.000672	5
33	MP5C	Z	-1.17	.42
34	MP5C	Mx	-.00076	.42
35	MP5C	Z	-1.17	5
36	MP5C	Mx	-.00076	5
37	MP2A	Z	-2.586	2
38	MP2A	Mx	0	2
39	MP2B	Z	-2.586	2
40	MP2B	Mx	.001	2
41	MP2C	Z	-2.586	2
42	MP2C	Mx	-.002	2
43	MP3A	Z	-9.408	2.33
44	MP3A	Mx	0	2.33

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Z	-9.408	2.33
46	MP3B	Mx	-.006	2.33
47	MP3C	Z	-9.408	2.33
48	MP3C	Mx	.007	2.33
49	MP4A	Z	-7.836	2
50	MP4A	Mx	-.005	2
51	MP4B	Z	-7.836	2
52	MP4B	Mx	-.005	2
53	MP4C	Z	-7.836	2
54	MP4C	Mx	.006	2
55	OVP	Z	-2.998	2.33
56	OVP	Mx	-.001	2.33
57	MP3A	Z	-1.159	4.75
58	MP3A	Mx	0	4.75
59	MP3B	Z	-1.159	4.75
60	MP3B	Mx	-.00037	4.75
61	MP3C	Z	-1.159	4.75
62	MP3C	Mx	.000418	4.75
63	MP4C	Z	-1.159	4.75
64	MP4C	Mx	.000418	4.75
65	MP4A	Z	-1.159	4.75
66	MP4A	Mx	0	4.75
67	MP4B	Z	-1.159	4.75
68	MP4B	Mx	-.00037	4.75
69	MP4A	Z	-5.462	.38
70	MP4A	Mx	-.004	.38
71	MP4A	Z	-5.462	4.38
72	MP4A	Mx	-.004	4.38
73	MP4B	Z	-5.462	.38
74	MP4B	Mx	.007	.38
75	MP4B	Z	-5.462	4.38
76	MP4B	Mx	.007	4.38
77	MP4C	Z	-5.462	.38
78	MP4C	Mx	-.003	.38
79	MP4C	Z	-5.462	4.38
80	MP4C	Mx	-.003	4.38
81	MP4A	Z	-5.462	.38
82	MP4A	Mx	.004	.38
83	MP4A	Z	-5.462	4.38
84	MP4A	Mx	.004	4.38
85	MP4B	Z	-5.462	.38
86	MP4B	Mx	.002	.38
87	MP4B	Z	-5.462	4.38
88	MP4B	Mx	.002	4.38
89	MP4C	Z	-5.462	.38
90	MP4C	Mx	-.007	.38
91	MP4C	Z	-5.462	4.38
92	MP4C	Mx	-.007	4.38
93	MP4A	Z	-1.962	.25
94	MP4A	Mx	0	.25
95	MP4B	Z	-1.962	.25
96	MP4B	Mx	-.000425	.25
97	MP4A	Z	-1.962	.25
98	MP4A	Mx	0	.25
99	MP4B	Z	-1.962	.25
100	MP4B	Mx	-.000425	.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	4.854	.25
2	MP3A	Mx	-.002	.25
3	MP3A	X	4.854	3.25
4	MP3A	Mx	-.002	3.25
5	MP3B	X	4.854	.25
6	MP3B	Mx	.002	.25
7	MP3B	X	4.854	3.25
8	MP3B	Mx	.002	3.25
9	MP3C	X	4.854	.25
10	MP3C	Mx	.001	.25
11	MP3C	X	4.854	3.25
12	MP3C	Mx	.001	3.25
13	MP1A	X	1.17	.42
14	MP1A	Mx	-.000878	.42
15	MP1A	X	1.17	5
16	MP1A	Mx	-.000878	5
17	MP1B	X	1.17	.42
18	MP1B	Mx	.000564	.42
19	MP1B	X	1.17	5
20	MP1B	Mx	.000564	5
21	MP1C	X	1.17	.42
22	MP1C	Mx	.000439	.42
23	MP1C	X	1.17	5
24	MP1C	Mx	.000439	5
25	MP5A	X	1.17	.42
26	MP5A	Mx	-.000878	.42
27	MP5A	X	1.17	5
28	MP5A	Mx	-.000878	5
29	MP5B	X	1.17	.42
30	MP5B	Mx	.000564	.42
31	MP5B	X	1.17	5
32	MP5B	Mx	.000564	5
33	MP5C	X	1.17	.42
34	MP5C	Mx	.000439	.42
35	MP5C	X	1.17	5
36	MP5C	Mx	.000439	5
37	MP2A	X	2.586	2
38	MP2A	Mx	-.002	2
39	MP2B	X	2.586	2
40	MP2B	Mx	.001	2
41	MP2C	X	2.586	2
42	MP2C	Mx	.00097	2
43	MP3A	X	9.408	2.33
44	MP3A	Mx	.008	2.33
45	MP3B	X	9.408	2.33
46	MP3B	Mx	-.005	2.33
47	MP3C	X	9.408	2.33
48	MP3C	Mx	-.004	2.33
49	MP4A	X	7.836	2
50	MP4A	Mx	.007	2
51	MP4B	X	7.836	2
52	MP4B	Mx	-.004	2
53	MP4C	X	7.836	2
54	MP4C	Mx	-.003	2
55	OVP	X	2.998	2.33
56	OVP	Mx	-.000964	2.33
57	MP3A	X	1.159	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	Mx	.000483	4.75
59	MP3B	X	1.159	4.75
60	MP3B	Mx	-.00031	4.75
61	MP3C	X	1.159	4.75
62	MP3C	Mx	-.000242	4.75
63	MP4C	X	1.159	4.75
64	MP4C	Mx	-.000242	4.75
65	MP4A	X	1.159	4.75
66	MP4A	Mx	.000483	4.75
67	MP4B	X	1.159	4.75
68	MP4B	Mx	-.00031	4.75
69	MP4A	X	5.462	.38
70	MP4A	Mx	-.006	.38
71	MP4A	X	5.462	4.38
72	MP4A	Mx	-.006	4.38
73	MP4B	X	5.462	.38
74	MP4B	Mx	.001	.38
75	MP4B	X	5.462	4.38
76	MP4B	Mx	.001	4.38
77	MP4C	X	5.462	.38
78	MP4C	Mx	.006	.38
79	MP4C	X	5.462	4.38
80	MP4C	Mx	.006	4.38
81	MP4A	X	5.462	.38
82	MP4A	Mx	-.006	.38
83	MP4A	X	5.462	4.38
84	MP4A	Mx	-.006	4.38
85	MP4B	X	5.462	.38
86	MP4B	Mx	.007	.38
87	MP4B	X	5.462	4.38
88	MP4B	Mx	.007	4.38
89	MP4C	X	5.462	.38
90	MP4C	Mx	-.000195	.38
91	MP4C	X	5.462	4.38
92	MP4C	Mx	-.000195	4.38
93	MP4A	X	1.962	.25
94	MP4A	Mx	.00049	.25
95	MP4B	X	1.962	.25
96	MP4B	Mx	-.000245	.25
97	MP4A	X	1.962	.25
98	MP4A	Mx	.00049	.25
99	MP4B	X	1.962	.25
100	MP4B	Mx	-.000245	.25

Joint Loads and Enforced Displacements

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-9.404	-9.404	0	%100
2	M2	Y	-9.404	-9.404	0	%100
3	M3	Y	-9.404	-9.404	0	%100
4	M4	Y	-9.404	-9.404	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,%]
5	M5	Y	-9.404	-9.404	0	%100
6	M6	Y	-9.404	-9.404	0	%100
7	M7	Y	-9.404	-9.404	0	%100
8	M8	Y	-9.404	-9.404	0	%100
9	M9	Y	-9.404	-9.404	0	%100
10	M13	Y	-13.337	-13.337	0	%100
11	M14A	Y	-13.337	-13.337	0	%100
12	M18	Y	-13.337	-13.337	0	%100
13	M22	Y	-9.404	-9.404	0	%100
14	M23	Y	-9.404	-9.404	0	%100
15	M24	Y	-9.404	-9.404	0	%100
16	M74	Y	-5.824	-5.824	0	%100
17	M80	Y	-5.824	-5.824	0	%100
18	M86	Y	-5.824	-5.824	0	%100
19	MP5A	Y	-5.166	-5.166	0	%100
20	MP1A	Y	-5.166	-5.166	0	%100
21	MP2C	Y	-5.166	-5.166	0	%100
22	MP5C	Y	-5.166	-5.166	0	%100
23	MP1C	Y	-5.166	-5.166	0	%100
24	MP5B	Y	-5.166	-5.166	0	%100
25	MP1B	Y	-5.166	-5.166	0	%100
26	M77A	Y	-5.166	-5.166	0	%100
27	M77B	Y	-5.166	-5.166	0	%100
28	M78	Y	-5.166	-5.166	0	%100
29	MP3C	Y	-5.166	-5.166	0	%100
30	M61	Y	-13.337	-13.337	0	%100
31	M64	Y	-9.404	-9.404	0	%100
32	M65	Y	-5.824	-5.824	0	%100
33	M68	Y	-13.337	-13.337	0	%100
34	M71	Y	-9.404	-9.404	0	%100
35	M72	Y	-5.824	-5.824	0	%100
36	M75A	Y	-13.337	-13.337	0	%100
37	M78A	Y	-9.404	-9.404	0	%100
38	M79	Y	-5.824	-5.824	0	%100
39	M88	Y	-6.849	-6.849	0	%100
40	M89A	Y	-6.849	-6.849	0	%100
41	M90	Y	-6.849	-6.849	0	%100
42	M105	Y	-5.166	-5.166	0	%100
43	OVP	Y	-5.166	-5.166	0	%100
44	M119	Y	-5.166	-5.166	0	%100
45	MP2B	Y	-5.166	-5.166	0	%100
46	MP3B	Y	-5.166	-5.166	0	%100
47	MP2A	Y	-5.166	-5.166	0	%100
48	MP3A	Y	-5.166	-5.166	0	%100
49	MP4A	Y	-5.891	-5.891	0	%100
50	MP4C	Y	-5.891	-5.891	0	%100
51	MP4B	Y	-5.891	-5.891	0	%100
52	M139	Y	-9.404	-9.404	0	%100
53	M140	Y	-5.824	-5.824	0	%100
54	M141	Y	-5.824	-5.824	0	%100
55	M142	Y	-5.824	-5.824	0	%100
56	M143	Y	-2.809	-2.809	0	%100
57	M144	Y	-2.809	-2.809	0	%100
58	M145	Y	-2.809	-2.809	0	%100
59	M146	Y	-2.809	-2.809	0	%100
60	M147	Y	-2.809	-2.809	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-29.724	-29.724	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-29.724	-29.724	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-7.431	-7.431	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-7.431	-7.431	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-7.431	-7.431	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-7.431	-7.431	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-29.375	-29.375	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-7.344	-7.344	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-7.344	-7.344	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.42	-.42	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.42	-.42	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.679	-1.679	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-6.116	-6.116	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-6.116	-6.116	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	-7.006	-7.006	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	-1.751	-1.751	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	-1.751	-1.751	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	-10.633	-10.633	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-10.633	-10.633	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-10.633	-10.633	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	-10.633	-10.633	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-10.633	-10.633	0	%100
47	MP5B	X	0	0	0	%100
48	MP5B	Z	-10.633	-10.633	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	-10.633	-10.633	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	-2.658	-2.658	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	-2.658	-2.658	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-10.633	-10.633	0	%100
57	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	-10.633	-10.633	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-.42	-.42	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	-6.116	-6.116	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-1.751	-1.751	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	-.42	-.42	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	-6.116	-6.116	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	-1.751	-1.751	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	-1.679	-1.679	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	-7.006	-7.006	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-3.088	-3.088	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	-12.352	-12.352	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-3.088	-3.088	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	-2.634	-2.634	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-10.536	-10.536	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	-2.634	-2.634	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	-10.633	-10.633	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-10.633	-10.633	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-10.633	-10.633	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-10.633	-10.633	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-12.872	-12.872	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-12.872	-12.872	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-12.872	-12.872	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	-6.514	-6.514	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	-8.675	-8.675	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	-14.924	-14.924	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	-14.924	-14.924	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	-2.347	-2.347	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	-2.347	-2.347	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,%]
115	M145	X	0	0	0	%100
116	M145	Z	-2.347	-2.347	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	-2.347	-2.347	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	-2.347	-2.347	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	11.146	11.146	0	%100
2	M1	Z	-19.306	-19.306	0	%100
3	M2	X	11.146	11.146	0	%100
4	M2	Z	-19.306	-19.306	0	%100
5	M3	X	11.146	11.146	0	%100
6	M3	Z	-19.306	-19.306	0	%100
7	M4	X	11.146	11.146	0	%100
8	M4	Z	-19.306	-19.306	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	11.016	11.016	0	%100
14	M7	Z	-19.08	-19.08	0	%100
15	M8	X	11.016	11.016	0	%100
16	M8	Z	-19.08	-19.08	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.63	.63	0	%100
20	M13	Z	-1.091	-1.091	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.63	.63	0	%100
24	M18	Z	-1.091	-1.091	0	%100
25	M22	X	1.019	1.019	0	%100
26	M22	Z	-1.765	-1.765	0	%100
27	M23	X	1.019	1.019	0	%100
28	M23	Z	-1.765	-1.765	0	%100
29	M24	X	4.077	4.077	0	%100
30	M24	Z	-7.062	-7.062	0	%100
31	M74	X	2.627	2.627	0	%100
32	M74	Z	-4.551	-4.551	0	%100
33	M80	X	2.627	2.627	0	%100
34	M80	Z	-4.551	-4.551	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	5.317	5.317	0	%100
38	MP5A	Z	-9.209	-9.209	0	%100
39	MP1A	X	5.317	5.317	0	%100
40	MP1A	Z	-9.209	-9.209	0	%100
41	MP2C	X	5.317	5.317	0	%100
42	MP2C	Z	-9.209	-9.209	0	%100
43	MP5C	X	5.317	5.317	0	%100
44	MP5C	Z	-9.209	-9.209	0	%100
45	MP1C	X	5.317	5.317	0	%100
46	MP1C	Z	-9.209	-9.209	0	%100
47	MP5B	X	5.317	5.317	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,%]
48	MP5B	Z	-9.209	-9.209	0	%100
49	MP1B	X	5.317	5.317	0	%100
50	MP1B	Z	-9.209	-9.209	0	%100
51	M77A	X	3.988	3.988	0	%100
52	M77A	Z	-6.907	-6.907	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	3.988	3.988	0	%100
56	M78	Z	-6.907	-6.907	0	%100
57	MP3C	X	5.317	5.317	0	%100
58	MP3C	Z	-9.209	-9.209	0	%100
59	M61	X	.63	.63	0	%100
60	M61	Z	-1.091	-1.091	0	%100
61	M64	X	1.019	1.019	0	%100
62	M64	Z	-1.765	-1.765	0	%100
63	M65	X	2.627	2.627	0	%100
64	M65	Z	-4.551	-4.551	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	4.077	4.077	0	%100
68	M71	Z	-7.062	-7.062	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	.63	.63	0	%100
72	M75A	Z	-1.091	-1.091	0	%100
73	M78A	X	1.019	1.019	0	%100
74	M78A	Z	-1.765	-1.765	0	%100
75	M79	X	2.627	2.627	0	%100
76	M79	Z	-4.551	-4.551	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	4.632	4.632	0	%100
80	M89A	Z	-8.023	-8.023	0	%100
81	M90	X	4.632	4.632	0	%100
82	M90	Z	-8.023	-8.023	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	OVP	X	3.951	3.951	0	%100
86	OVP	Z	-6.843	-6.843	0	%100
87	M119	X	3.951	3.951	0	%100
88	M119	Z	-6.843	-6.843	0	%100
89	MP2B	X	5.317	5.317	0	%100
90	MP2B	Z	-9.209	-9.209	0	%100
91	MP3B	X	5.317	5.317	0	%100
92	MP3B	Z	-9.209	-9.209	0	%100
93	MP2A	X	5.317	5.317	0	%100
94	MP2A	Z	-9.209	-9.209	0	%100
95	MP3A	X	5.317	5.317	0	%100
96	MP3A	Z	-9.209	-9.209	0	%100
97	MP4A	X	6.436	6.436	0	%100
98	MP4A	Z	-11.147	-11.147	0	%100
99	MP4C	X	6.436	6.436	0	%100
100	MP4C	Z	-11.147	-11.147	0	%100
101	MP4B	X	6.436	6.436	0	%100
102	MP4B	Z	-11.147	-11.147	0	%100
103	M139	X	9.772	9.772	0	%100
104	M139	Z	-16.925	-16.925	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,%]
105	M140	X	1.446	1.446	0	%100
106	M140	Z	-2.504	-2.504	0	%100
107	M141	X	7.462	7.462	0	%100
108	M141	Z	-12.925	-12.925	0	%100
109	M142	X	7.462	7.462	0	%100
110	M142	Z	-12.925	-12.925	0	%100
111	M143	X	.391	.391	0	%100
112	M143	Z	-.678	-.678	0	%100
113	M144	X	.391	.391	0	%100
114	M144	Z	-.678	-.678	0	%100
115	M145	X	.391	.391	0	%100
116	M145	Z	-.678	-.678	0	%100
117	M146	X	.391	.391	0	%100
118	M146	Z	-.678	-.678	0	%100
119	M147	X	.391	.391	0	%100
120	M147	Z	-.678	-.678	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	6.435	6.435	0	%100
2	M1	Z	-3.715	-3.715	0	%100
3	M2	X	6.435	6.435	0	%100
4	M2	Z	-3.715	-3.715	0	%100
5	M3	X	25.741	25.741	0	%100
6	M3	Z	-14.862	-14.862	0	%100
7	M4	X	25.741	25.741	0	%100
8	M4	Z	-14.862	-14.862	0	%100
9	M5	X	6.435	6.435	0	%100
10	M5	Z	-3.715	-3.715	0	%100
11	M6	X	6.435	6.435	0	%100
12	M6	Z	-3.715	-3.715	0	%100
13	M7	X	6.36	6.36	0	%100
14	M7	Z	-3.672	-3.672	0	%100
15	M8	X	25.44	25.44	0	%100
16	M8	Z	-14.688	-14.688	0	%100
17	M9	X	6.36	6.36	0	%100
18	M9	Z	-3.672	-3.672	0	%100
19	M13	X	1.454	1.454	0	%100
20	M13	Z	-.839	-.839	0	%100
21	M14A	X	.364	.364	0	%100
22	M14A	Z	-.21	-.21	0	%100
23	M18	X	.364	.364	0	%100
24	M18	Z	-.21	-.21	0	%100
25	M22	X	5.296	5.296	0	%100
26	M22	Z	-3.058	-3.058	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	5.296	5.296	0	%100
30	M24	Z	-3.058	-3.058	0	%100
31	M74	X	1.517	1.517	0	%100
32	M74	Z	-.876	-.876	0	%100
33	M80	X	6.067	6.067	0	%100
34	M80	Z	-3.503	-3.503	0	%100
35	M86	X	1.517	1.517	0	%100
36	M86	Z	-.876	-.876	0	%100
37	MP5A	X	9.209	9.209	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,%]
38	MP5A	Z	-5.317	-5.317	0	%100
39	MP1A	X	9.209	9.209	0	%100
40	MP1A	Z	-5.317	-5.317	0	%100
41	MP2C	X	9.209	9.209	0	%100
42	MP2C	Z	-5.317	-5.317	0	%100
43	MP5C	X	9.209	9.209	0	%100
44	MP5C	Z	-5.317	-5.317	0	%100
45	MP1C	X	9.209	9.209	0	%100
46	MP1C	Z	-5.317	-5.317	0	%100
47	MP5B	X	9.209	9.209	0	%100
48	MP5B	Z	-5.317	-5.317	0	%100
49	MP1B	X	9.209	9.209	0	%100
50	MP1B	Z	-5.317	-5.317	0	%100
51	M77A	X	9.209	9.209	0	%100
52	M77A	Z	-5.317	-5.317	0	%100
53	M77B	X	2.302	2.302	0	%100
54	M77B	Z	-1.329	-1.329	0	%100
55	M78	X	2.302	2.302	0	%100
56	M78	Z	-1.329	-1.329	0	%100
57	MP3C	X	9.209	9.209	0	%100
58	MP3C	Z	-5.317	-5.317	0	%100
59	M61	X	1.454	1.454	0	%100
60	M61	Z	-.839	-.839	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	6.067	6.067	0	%100
64	M65	Z	-3.503	-3.503	0	%100
65	M68	X	.364	.364	0	%100
66	M68	Z	-.21	-.21	0	%100
67	M71	X	5.296	5.296	0	%100
68	M71	Z	-3.058	-3.058	0	%100
69	M72	X	1.517	1.517	0	%100
70	M72	Z	-.876	-.876	0	%100
71	M75A	X	.364	.364	0	%100
72	M75A	Z	-.21	-.21	0	%100
73	M78A	X	5.296	5.296	0	%100
74	M78A	Z	-3.058	-3.058	0	%100
75	M79	X	1.517	1.517	0	%100
76	M79	Z	-.876	-.876	0	%100
77	M88	X	2.674	2.674	0	%100
78	M88	Z	-1.544	-1.544	0	%100
79	M89A	X	2.674	2.674	0	%100
80	M89A	Z	-1.544	-1.544	0	%100
81	M90	X	10.697	10.697	0	%100
82	M90	Z	-6.176	-6.176	0	%100
83	M105	X	2.281	2.281	0	%100
84	M105	Z	-1.317	-1.317	0	%100
85	OVP	X	2.281	2.281	0	%100
86	OVP	Z	-1.317	-1.317	0	%100
87	M119	X	9.124	9.124	0	%100
88	M119	Z	-5.268	-5.268	0	%100
89	MP2B	X	9.209	9.209	0	%100
90	MP2B	Z	-5.317	-5.317	0	%100
91	MP3B	X	9.209	9.209	0	%100
92	MP3B	Z	-5.317	-5.317	0	%100
93	MP2A	X	9.209	9.209	0	%100
94	MP2A	Z	-5.317	-5.317	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,%]
95	MP3A	X	9.209	9.209	0	%100
96	MP3A	Z	-5.317	-5.317	0	%100
97	MP4A	X	11.147	11.147	0	%100
98	MP4A	Z	-6.436	-6.436	0	%100
99	MP4C	X	11.147	11.147	0	%100
100	MP4C	Z	-6.436	-6.436	0	%100
101	MP4B	X	11.147	11.147	0	%100
102	MP4B	Z	-6.436	-6.436	0	%100
103	M139	X	22.566	22.566	0	%100
104	M139	Z	-13.029	-13.029	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	12.925	12.925	0	%100
108	M141	Z	-7.462	-7.462	0	%100
109	M142	X	12.925	12.925	0	%100
110	M142	Z	-7.462	-7.462	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	22.293	22.293	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	22.293	22.293	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	22.293	22.293	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	22.293	22.293	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	22.031	22.031	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	22.031	22.031	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	1.259	1.259	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.259	1.259	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	8.154	8.154	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	2.039	2.039	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,%]
28	M23	Z	0	0	0	%100
29	M24	X	2.039	2.039	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	5.254	5.254	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	5.254	5.254	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	10.633	10.633	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	10.633	10.633	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	10.633	10.633	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	10.633	10.633	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	10.633	10.633	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	10.633	10.633	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	10.633	10.633	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	7.975	7.975	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	7.975	7.975	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	10.633	10.633	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	1.259	1.259	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	2.039	2.039	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	5.254	5.254	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	1.259	1.259	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	2.039	2.039	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	5.254	5.254	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	8.154	8.154	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	9.264	9.264	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	9.264	9.264	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	7.902	7.902	0	%100
84	M105	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,%]
85	OVP	X	0	0	0	%100
86	OVP	Z	0	0	0	%100
87	M119	X	7.902	7.902	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	10.633	10.633	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	10.633	10.633	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	10.633	10.633	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	10.633	10.633	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	12.872	12.872	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	12.872	12.872	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	12.872	12.872	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	19.543	19.543	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	2.892	2.892	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	14.924	14.924	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	14.924	14.924	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	.782	.782	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	.782	.782	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	.782	.782	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	.782	.782	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	.782	.782	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	6.435	6.435	0	%100
2	M1	Z	3.715	3.715	0	%100
3	M2	X	6.435	6.435	0	%100
4	M2	Z	3.715	3.715	0	%100
5	M3	X	6.435	6.435	0	%100
6	M3	Z	3.715	3.715	0	%100
7	M4	X	6.435	6.435	0	%100
8	M4	Z	3.715	3.715	0	%100
9	M5	X	25.741	25.741	0	%100
10	M5	Z	14.862	14.862	0	%100
11	M6	X	25.741	25.741	0	%100
12	M6	Z	14.862	14.862	0	%100
13	M7	X	6.36	6.36	0	%100
14	M7	Z	3.672	3.672	0	%100
15	M8	X	6.36	6.36	0	%100
16	M8	Z	3.672	3.672	0	%100
17	M9	X	25.44	25.44	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,%]
18	M9	Z	14.688	14.688	0	%100
19	M13	X	.364	.364	0	%100
20	M13	Z	.21	.21	0	%100
21	M14A	X	1.454	1.454	0	%100
22	M14A	Z	.839	.839	0	%100
23	M18	X	.364	.364	0	%100
24	M18	Z	.21	.21	0	%100
25	M22	X	5.296	5.296	0	%100
26	M22	Z	3.058	3.058	0	%100
27	M23	X	5.296	5.296	0	%100
28	M23	Z	3.058	3.058	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	1.517	1.517	0	%100
32	M74	Z	.876	.876	0	%100
33	M80	X	1.517	1.517	0	%100
34	M80	Z	.876	.876	0	%100
35	M86	X	6.067	6.067	0	%100
36	M86	Z	3.503	3.503	0	%100
37	MP5A	X	9.209	9.209	0	%100
38	MP5A	Z	5.317	5.317	0	%100
39	MP1A	X	9.209	9.209	0	%100
40	MP1A	Z	5.317	5.317	0	%100
41	MP2C	X	9.209	9.209	0	%100
42	MP2C	Z	5.317	5.317	0	%100
43	MP5C	X	9.209	9.209	0	%100
44	MP5C	Z	5.317	5.317	0	%100
45	MP1C	X	9.209	9.209	0	%100
46	MP1C	Z	5.317	5.317	0	%100
47	MP5B	X	9.209	9.209	0	%100
48	MP5B	Z	5.317	5.317	0	%100
49	MP1B	X	9.209	9.209	0	%100
50	MP1B	Z	5.317	5.317	0	%100
51	M77A	X	2.302	2.302	0	%100
52	M77A	Z	1.329	1.329	0	%100
53	M77B	X	9.209	9.209	0	%100
54	M77B	Z	5.317	5.317	0	%100
55	M78	X	2.302	2.302	0	%100
56	M78	Z	1.329	1.329	0	%100
57	MP3C	X	9.209	9.209	0	%100
58	MP3C	Z	5.317	5.317	0	%100
59	M61	X	.364	.364	0	%100
60	M61	Z	.21	.21	0	%100
61	M64	X	5.296	5.296	0	%100
62	M64	Z	3.058	3.058	0	%100
63	M65	X	1.517	1.517	0	%100
64	M65	Z	.876	.876	0	%100
65	M68	X	1.454	1.454	0	%100
66	M68	Z	.839	.839	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	6.067	6.067	0	%100
70	M72	Z	3.503	3.503	0	%100
71	M75A	X	.364	.364	0	%100
72	M75A	Z	.21	.21	0	%100
73	M78A	X	5.296	5.296	0	%100
74	M78A	Z	3.058	3.058	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,%]
75	M79	X	1.517	1.517	0	%100
76	M79	Z	.876	.876	0	%100
77	M88	X	10.697	10.697	0	%100
78	M88	Z	6.176	6.176	0	%100
79	M89A	X	2.674	2.674	0	%100
80	M89A	Z	1.544	1.544	0	%100
81	M90	X	2.674	2.674	0	%100
82	M90	Z	1.544	1.544	0	%100
83	M105	X	9.124	9.124	0	%100
84	M105	Z	5.268	5.268	0	%100
85	OVP	X	2.281	2.281	0	%100
86	OVP	Z	1.317	1.317	0	%100
87	M119	X	2.281	2.281	0	%100
88	M119	Z	1.317	1.317	0	%100
89	MP2B	X	9.209	9.209	0	%100
90	MP2B	Z	5.317	5.317	0	%100
91	MP3B	X	9.209	9.209	0	%100
92	MP3B	Z	5.317	5.317	0	%100
93	MP2A	X	9.209	9.209	0	%100
94	MP2A	Z	5.317	5.317	0	%100
95	MP3A	X	9.209	9.209	0	%100
96	MP3A	Z	5.317	5.317	0	%100
97	MP4A	X	11.147	11.147	0	%100
98	MP4A	Z	6.436	6.436	0	%100
99	MP4C	X	11.147	11.147	0	%100
100	MP4C	Z	6.436	6.436	0	%100
101	MP4B	X	11.147	11.147	0	%100
102	MP4B	Z	6.436	6.436	0	%100
103	M139	X	5.642	5.642	0	%100
104	M139	Z	3.257	3.257	0	%100
105	M140	X	7.512	7.512	0	%100
106	M140	Z	4.337	4.337	0	%100
107	M141	X	12.925	12.925	0	%100
108	M141	Z	7.462	7.462	0	%100
109	M142	X	12.925	12.925	0	%100
110	M142	Z	7.462	7.462	0	%100
111	M143	X	2.033	2.033	0	%100
112	M143	Z	1.174	1.174	0	%100
113	M144	X	2.033	2.033	0	%100
114	M144	Z	1.174	1.174	0	%100
115	M145	X	2.033	2.033	0	%100
116	M145	Z	1.174	1.174	0	%100
117	M146	X	2.033	2.033	0	%100
118	M146	Z	1.174	1.174	0	%100
119	M147	X	2.033	2.033	0	%100
120	M147	Z	1.174	1.174	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	11.146	11.146	0	%100
2	M1	Z	19.306	19.306	0	%100
3	M2	X	11.146	11.146	0	%100
4	M2	Z	19.306	19.306	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M4	Z	0	0	0	%100
9	M5	X	11.146	11.146	0	%100
10	M5	Z	19.306	19.306	0	%100
11	M6	X	11.146	11.146	0	%100
12	M6	Z	19.306	19.306	0	%100
13	M7	X	11.016	11.016	0	%100
14	M7	Z	19.08	19.08	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	11.016	11.016	0	%100
18	M9	Z	19.08	19.08	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.63	.63	0	%100
22	M14A	Z	1.091	1.091	0	%100
23	M18	X	.63	.63	0	%100
24	M18	Z	1.091	1.091	0	%100
25	M22	X	1.019	1.019	0	%100
26	M22	Z	1.765	1.765	0	%100
27	M23	X	4.077	4.077	0	%100
28	M23	Z	7.062	7.062	0	%100
29	M24	X	1.019	1.019	0	%100
30	M24	Z	1.765	1.765	0	%100
31	M74	X	2.627	2.627	0	%100
32	M74	Z	4.551	4.551	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	2.627	2.627	0	%100
36	M86	Z	4.551	4.551	0	%100
37	MP5A	X	5.317	5.317	0	%100
38	MP5A	Z	9.209	9.209	0	%100
39	MP1A	X	5.317	5.317	0	%100
40	MP1A	Z	9.209	9.209	0	%100
41	MP2C	X	5.317	5.317	0	%100
42	MP2C	Z	9.209	9.209	0	%100
43	MP5C	X	5.317	5.317	0	%100
44	MP5C	Z	9.209	9.209	0	%100
45	MP1C	X	5.317	5.317	0	%100
46	MP1C	Z	9.209	9.209	0	%100
47	MP5B	X	5.317	5.317	0	%100
48	MP5B	Z	9.209	9.209	0	%100
49	MP1B	X	5.317	5.317	0	%100
50	MP1B	Z	9.209	9.209	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	3.988	3.988	0	%100
54	M77B	Z	6.907	6.907	0	%100
55	M78	X	3.988	3.988	0	%100
56	M78	Z	6.907	6.907	0	%100
57	MP3C	X	5.317	5.317	0	%100
58	MP3C	Z	9.209	9.209	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	4.077	4.077	0	%100
62	M64	Z	7.062	7.062	0	%100
63	M65	X	0	0	0	%100
64	M65	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,%]
65	M68	X	.63	.63	0	%100
66	M68	Z	1.091	1.091	0	%100
67	M71	X	1.019	1.019	0	%100
68	M71	Z	1.765	1.765	0	%100
69	M72	X	2.627	2.627	0	%100
70	M72	Z	4.551	4.551	0	%100
71	M75A	X	.63	.63	0	%100
72	M75A	Z	1.091	1.091	0	%100
73	M78A	X	1.019	1.019	0	%100
74	M78A	Z	1.765	1.765	0	%100
75	M79	X	2.627	2.627	0	%100
76	M79	Z	4.551	4.551	0	%100
77	M88	X	4.632	4.632	0	%100
78	M88	Z	8.023	8.023	0	%100
79	M89A	X	4.632	4.632	0	%100
80	M89A	Z	8.023	8.023	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	3.951	3.951	0	%100
84	M105	Z	6.843	6.843	0	%100
85	OVP	X	3.951	3.951	0	%100
86	OVP	Z	6.843	6.843	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	5.317	5.317	0	%100
90	MP2B	Z	9.209	9.209	0	%100
91	MP3B	X	5.317	5.317	0	%100
92	MP3B	Z	9.209	9.209	0	%100
93	MP2A	X	5.317	5.317	0	%100
94	MP2A	Z	9.209	9.209	0	%100
95	MP3A	X	5.317	5.317	0	%100
96	MP3A	Z	9.209	9.209	0	%100
97	MP4A	X	6.436	6.436	0	%100
98	MP4A	Z	11.147	11.147	0	%100
99	MP4C	X	6.436	6.436	0	%100
100	MP4C	Z	11.147	11.147	0	%100
101	MP4B	X	6.436	6.436	0	%100
102	MP4B	Z	11.147	11.147	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	5.783	5.783	0	%100
106	M140	Z	10.017	10.017	0	%100
107	M141	X	7.462	7.462	0	%100
108	M141	Z	12.925	12.925	0	%100
109	M142	X	7.462	7.462	0	%100
110	M142	Z	12.925	12.925	0	%100
111	M143	X	1.565	1.565	0	%100
112	M143	Z	2.711	2.711	0	%100
113	M144	X	1.565	1.565	0	%100
114	M144	Z	2.711	2.711	0	%100
115	M145	X	1.565	1.565	0	%100
116	M145	Z	2.711	2.711	0	%100
117	M146	X	1.565	1.565	0	%100
118	M146	Z	2.711	2.711	0	%100
119	M147	X	1.565	1.565	0	%100
120	M147	Z	2.711	2.711	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	29.724	29.724	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	29.724	29.724	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	7.431	7.431	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	7.431	7.431	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	7.431	7.431	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	7.431	7.431	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	29.375	29.375	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	7.344	7.344	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	7.344	7.344	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.42	.42	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.42	.42	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.679	1.679	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	6.116	6.116	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	6.116	6.116	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	7.006	7.006	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	1.751	1.751	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	1.751	1.751	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	10.633	10.633	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	10.633	10.633	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	10.633	10.633	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	10.633	10.633	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	10.633	10.633	0	%100
47	MP5B	X	0	0	0	%100
48	MP5B	Z	10.633	10.633	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	10.633	10.633	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	2.658	2.658	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	2.658	2.658	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	10.633	10.633	0	%100
57	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	10.633	10.633	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	.42	.42	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	6.116	6.116	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	1.751	1.751	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	.42	.42	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	6.116	6.116	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	1.751	1.751	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	1.679	1.679	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	7.006	7.006	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	3.088	3.088	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	12.352	12.352	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	3.088	3.088	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	2.634	2.634	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	10.536	10.536	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	2.634	2.634	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	10.633	10.633	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	10.633	10.633	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	10.633	10.633	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	10.633	10.633	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	12.872	12.872	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	12.872	12.872	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	12.872	12.872	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	6.514	6.514	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	8.675	8.675	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	14.924	14.924	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	14.924	14.924	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	2.347	2.347	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	2.347	2.347	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	M145	X	0	0	0	%100
116	M145	Z	2.347	2.347	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	2.347	2.347	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	2.347	2.347	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-11.146	-11.146	0	%100
2	M1	Z	19.306	19.306	0	%100
3	M2	X	-11.146	-11.146	0	%100
4	M2	Z	19.306	19.306	0	%100
5	M3	X	-11.146	-11.146	0	%100
6	M3	Z	19.306	19.306	0	%100
7	M4	X	-11.146	-11.146	0	%100
8	M4	Z	19.306	19.306	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-11.016	-11.016	0	%100
14	M7	Z	19.08	19.08	0	%100
15	M8	X	-11.016	-11.016	0	%100
16	M8	Z	19.08	19.08	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.63	-.63	0	%100
20	M13	Z	1.091	1.091	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.63	-.63	0	%100
24	M18	Z	1.091	1.091	0	%100
25	M22	X	-1.019	-1.019	0	%100
26	M22	Z	1.765	1.765	0	%100
27	M23	X	-1.019	-1.019	0	%100
28	M23	Z	1.765	1.765	0	%100
29	M24	X	-4.077	-4.077	0	%100
30	M24	Z	7.062	7.062	0	%100
31	M74	X	-2.627	-2.627	0	%100
32	M74	Z	4.551	4.551	0	%100
33	M80	X	-2.627	-2.627	0	%100
34	M80	Z	4.551	4.551	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-5.317	-5.317	0	%100
38	MP5A	Z	9.209	9.209	0	%100
39	MP1A	X	-5.317	-5.317	0	%100
40	MP1A	Z	9.209	9.209	0	%100
41	MP2C	X	-5.317	-5.317	0	%100
42	MP2C	Z	9.209	9.209	0	%100
43	MP5C	X	-5.317	-5.317	0	%100
44	MP5C	Z	9.209	9.209	0	%100
45	MP1C	X	-5.317	-5.317	0	%100
46	MP1C	Z	9.209	9.209	0	%100
47	MP5B	X	-5.317	-5.317	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,%]
48	MP5B	Z	9.209	9.209	0	%100
49	MP1B	X	-5.317	-5.317	0	%100
50	MP1B	Z	9.209	9.209	0	%100
51	M77A	X	-3.988	-3.988	0	%100
52	M77A	Z	6.907	6.907	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	-3.988	-3.988	0	%100
56	M78	Z	6.907	6.907	0	%100
57	MP3C	X	-5.317	-5.317	0	%100
58	MP3C	Z	9.209	9.209	0	%100
59	M61	X	-.63	-.63	0	%100
60	M61	Z	1.091	1.091	0	%100
61	M64	X	-1.019	-1.019	0	%100
62	M64	Z	1.765	1.765	0	%100
63	M65	X	-2.627	-2.627	0	%100
64	M65	Z	4.551	4.551	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-4.077	-4.077	0	%100
68	M71	Z	7.062	7.062	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	-.63	-.63	0	%100
72	M75A	Z	1.091	1.091	0	%100
73	M78A	X	-1.019	-1.019	0	%100
74	M78A	Z	1.765	1.765	0	%100
75	M79	X	-2.627	-2.627	0	%100
76	M79	Z	4.551	4.551	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	-4.632	-4.632	0	%100
80	M89A	Z	8.023	8.023	0	%100
81	M90	X	-4.632	-4.632	0	%100
82	M90	Z	8.023	8.023	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	OVP	X	-3.951	-3.951	0	%100
86	OVP	Z	6.843	6.843	0	%100
87	M119	X	-3.951	-3.951	0	%100
88	M119	Z	6.843	6.843	0	%100
89	MP2B	X	-5.317	-5.317	0	%100
90	MP2B	Z	9.209	9.209	0	%100
91	MP3B	X	-5.317	-5.317	0	%100
92	MP3B	Z	9.209	9.209	0	%100
93	MP2A	X	-5.317	-5.317	0	%100
94	MP2A	Z	9.209	9.209	0	%100
95	MP3A	X	-5.317	-5.317	0	%100
96	MP3A	Z	9.209	9.209	0	%100
97	MP4A	X	-6.436	-6.436	0	%100
98	MP4A	Z	11.147	11.147	0	%100
99	MP4C	X	-6.436	-6.436	0	%100
100	MP4C	Z	11.147	11.147	0	%100
101	MP4B	X	-6.436	-6.436	0	%100
102	MP4B	Z	11.147	11.147	0	%100
103	M139	X	-9.772	-9.772	0	%100
104	M139	Z	16.925	16.925	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,%]
105	M140	X	-1.446	-1.446	0	%100
106	M140	Z	2.504	2.504	0	%100
107	M141	X	-7.462	-7.462	0	%100
108	M141	Z	12.925	12.925	0	%100
109	M142	X	-7.462	-7.462	0	%100
110	M142	Z	12.925	12.925	0	%100
111	M143	X	-.391	-.391	0	%100
112	M143	Z	.678	.678	0	%100
113	M144	X	-.391	-.391	0	%100
114	M144	Z	.678	.678	0	%100
115	M145	X	-.391	-.391	0	%100
116	M145	Z	.678	.678	0	%100
117	M146	X	-.391	-.391	0	%100
118	M146	Z	.678	.678	0	%100
119	M147	X	-.391	-.391	0	%100
120	M147	Z	.678	.678	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-6.435	-6.435	0	%100
2	M1	Z	3.715	3.715	0	%100
3	M2	X	-6.435	-6.435	0	%100
4	M2	Z	3.715	3.715	0	%100
5	M3	X	-25.741	-25.741	0	%100
6	M3	Z	14.862	14.862	0	%100
7	M4	X	-25.741	-25.741	0	%100
8	M4	Z	14.862	14.862	0	%100
9	M5	X	-6.435	-6.435	0	%100
10	M5	Z	3.715	3.715	0	%100
11	M6	X	-6.435	-6.435	0	%100
12	M6	Z	3.715	3.715	0	%100
13	M7	X	-6.36	-6.36	0	%100
14	M7	Z	3.672	3.672	0	%100
15	M8	X	-25.44	-25.44	0	%100
16	M8	Z	14.688	14.688	0	%100
17	M9	X	-6.36	-6.36	0	%100
18	M9	Z	3.672	3.672	0	%100
19	M13	X	-1.454	-1.454	0	%100
20	M13	Z	.839	.839	0	%100
21	M14A	X	-.364	-.364	0	%100
22	M14A	Z	.21	.21	0	%100
23	M18	X	-.364	-.364	0	%100
24	M18	Z	.21	.21	0	%100
25	M22	X	-5.296	-5.296	0	%100
26	M22	Z	3.058	3.058	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-5.296	-5.296	0	%100
30	M24	Z	3.058	3.058	0	%100
31	M74	X	-1.517	-1.517	0	%100
32	M74	Z	.876	.876	0	%100
33	M80	X	-6.067	-6.067	0	%100
34	M80	Z	3.503	3.503	0	%100
35	M86	X	-1.517	-1.517	0	%100
36	M86	Z	.876	.876	0	%100
37	MP5A	X	-9.209	-9.209	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,%]
38	MP5A	Z	5.317	5.317	0	%100
39	MP1A	X	-9.209	-9.209	0	%100
40	MP1A	Z	5.317	5.317	0	%100
41	MP2C	X	-9.209	-9.209	0	%100
42	MP2C	Z	5.317	5.317	0	%100
43	MP5C	X	-9.209	-9.209	0	%100
44	MP5C	Z	5.317	5.317	0	%100
45	MP1C	X	-9.209	-9.209	0	%100
46	MP1C	Z	5.317	5.317	0	%100
47	MP5B	X	-9.209	-9.209	0	%100
48	MP5B	Z	5.317	5.317	0	%100
49	MP1B	X	-9.209	-9.209	0	%100
50	MP1B	Z	5.317	5.317	0	%100
51	M77A	X	-9.209	-9.209	0	%100
52	M77A	Z	5.317	5.317	0	%100
53	M77B	X	-2.302	-2.302	0	%100
54	M77B	Z	1.329	1.329	0	%100
55	M78	X	-2.302	-2.302	0	%100
56	M78	Z	1.329	1.329	0	%100
57	MP3C	X	-9.209	-9.209	0	%100
58	MP3C	Z	5.317	5.317	0	%100
59	M61	X	-1.454	-1.454	0	%100
60	M61	Z	.839	.839	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-6.067	-6.067	0	%100
64	M65	Z	3.503	3.503	0	%100
65	M68	X	-.364	-.364	0	%100
66	M68	Z	.21	.21	0	%100
67	M71	X	-5.296	-5.296	0	%100
68	M71	Z	3.058	3.058	0	%100
69	M72	X	-1.517	-1.517	0	%100
70	M72	Z	.876	.876	0	%100
71	M75A	X	-.364	-.364	0	%100
72	M75A	Z	.21	.21	0	%100
73	M78A	X	-5.296	-5.296	0	%100
74	M78A	Z	3.058	3.058	0	%100
75	M79	X	-1.517	-1.517	0	%100
76	M79	Z	.876	.876	0	%100
77	M88	X	-2.674	-2.674	0	%100
78	M88	Z	1.544	1.544	0	%100
79	M89A	X	-2.674	-2.674	0	%100
80	M89A	Z	1.544	1.544	0	%100
81	M90	X	-10.697	-10.697	0	%100
82	M90	Z	6.176	6.176	0	%100
83	M105	X	-2.281	-2.281	0	%100
84	M105	Z	1.317	1.317	0	%100
85	OVP	X	-2.281	-2.281	0	%100
86	OVP	Z	1.317	1.317	0	%100
87	M119	X	-9.124	-9.124	0	%100
88	M119	Z	5.268	5.268	0	%100
89	MP2B	X	-9.209	-9.209	0	%100
90	MP2B	Z	5.317	5.317	0	%100
91	MP3B	X	-9.209	-9.209	0	%100
92	MP3B	Z	5.317	5.317	0	%100
93	MP2A	X	-9.209	-9.209	0	%100
94	MP2A	Z	5.317	5.317	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,%]
95	MP3A	X	-9.209	-9.209	0	%100
96	MP3A	Z	5.317	5.317	0	%100
97	MP4A	X	-11.147	-11.147	0	%100
98	MP4A	Z	6.436	6.436	0	%100
99	MP4C	X	-11.147	-11.147	0	%100
100	MP4C	Z	6.436	6.436	0	%100
101	MP4B	X	-11.147	-11.147	0	%100
102	MP4B	Z	6.436	6.436	0	%100
103	M139	X	-22.566	-22.566	0	%100
104	M139	Z	13.029	13.029	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-12.925	-12.925	0	%100
108	M141	Z	7.462	7.462	0	%100
109	M142	X	-12.925	-12.925	0	%100
110	M142	Z	7.462	7.462	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-22.293	-22.293	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-22.293	-22.293	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-22.293	-22.293	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-22.293	-22.293	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-22.031	-22.031	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-22.031	-22.031	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-1.259	-1.259	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-1.259	-1.259	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-8.154	-8.154	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-2.039	-2.039	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,%]
28	M23	Z	0	0	0	%100
29	M24	X	-2.039	-2.039	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	-5.254	-5.254	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-5.254	-5.254	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-10.633	-10.633	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	-10.633	-10.633	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	-10.633	-10.633	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	-10.633	-10.633	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	-10.633	-10.633	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	-10.633	-10.633	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	-10.633	-10.633	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	-7.975	-7.975	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-7.975	-7.975	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	-10.633	-10.633	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	-1.259	-1.259	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-2.039	-2.039	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-5.254	-5.254	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-1.259	-1.259	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-2.039	-2.039	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-5.254	-5.254	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	-8.154	-8.154	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	-9.264	-9.264	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	-9.264	-9.264	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-7.902	-7.902	0	%100
84	M105	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,%]
85	OVP	X	0	0	0	%100
86	OVP	Z	0	0	0	%100
87	M119	X	-7.902	-7.902	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-10.633	-10.633	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	-10.633	-10.633	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	-10.633	-10.633	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-10.633	-10.633	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-12.872	-12.872	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	-12.872	-12.872	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	-12.872	-12.872	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	-19.543	-19.543	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-2.892	-2.892	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-14.924	-14.924	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	-14.924	-14.924	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	-.782	-.782	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	-.782	-.782	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	-.782	-.782	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	-.782	-.782	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	-.782	-.782	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-6.435	-6.435	0	%100
2	M1	Z	-3.715	-3.715	0	%100
3	M2	X	-6.435	-6.435	0	%100
4	M2	Z	-3.715	-3.715	0	%100
5	M3	X	-6.435	-6.435	0	%100
6	M3	Z	-3.715	-3.715	0	%100
7	M4	X	-6.435	-6.435	0	%100
8	M4	Z	-3.715	-3.715	0	%100
9	M5	X	-25.741	-25.741	0	%100
10	M5	Z	-14.862	-14.862	0	%100
11	M6	X	-25.741	-25.741	0	%100
12	M6	Z	-14.862	-14.862	0	%100
13	M7	X	-6.36	-6.36	0	%100
14	M7	Z	-3.672	-3.672	0	%100
15	M8	X	-6.36	-6.36	0	%100
16	M8	Z	-3.672	-3.672	0	%100
17	M9	X	-25.44	-25.44	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,%]
18	M9	Z	-14.688	-14.688	0	%100
19	M13	X	-.364	-.364	0	%100
20	M13	Z	-.21	-.21	0	%100
21	M14A	X	-1.454	-1.454	0	%100
22	M14A	Z	-.839	-.839	0	%100
23	M18	X	-.364	-.364	0	%100
24	M18	Z	-.21	-.21	0	%100
25	M22	X	-5.296	-5.296	0	%100
26	M22	Z	-3.058	-3.058	0	%100
27	M23	X	-5.296	-5.296	0	%100
28	M23	Z	-3.058	-3.058	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	-1.517	-1.517	0	%100
32	M74	Z	-.876	-.876	0	%100
33	M80	X	-1.517	-1.517	0	%100
34	M80	Z	-.876	-.876	0	%100
35	M86	X	-6.067	-6.067	0	%100
36	M86	Z	-3.503	-3.503	0	%100
37	MP5A	X	-9.209	-9.209	0	%100
38	MP5A	Z	-5.317	-5.317	0	%100
39	MP1A	X	-9.209	-9.209	0	%100
40	MP1A	Z	-5.317	-5.317	0	%100
41	MP2C	X	-9.209	-9.209	0	%100
42	MP2C	Z	-5.317	-5.317	0	%100
43	MP5C	X	-9.209	-9.209	0	%100
44	MP5C	Z	-5.317	-5.317	0	%100
45	MP1C	X	-9.209	-9.209	0	%100
46	MP1C	Z	-5.317	-5.317	0	%100
47	MP5B	X	-9.209	-9.209	0	%100
48	MP5B	Z	-5.317	-5.317	0	%100
49	MP1B	X	-9.209	-9.209	0	%100
50	MP1B	Z	-5.317	-5.317	0	%100
51	M77A	X	-2.302	-2.302	0	%100
52	M77A	Z	-1.329	-1.329	0	%100
53	M77B	X	-9.209	-9.209	0	%100
54	M77B	Z	-5.317	-5.317	0	%100
55	M78	X	-2.302	-2.302	0	%100
56	M78	Z	-1.329	-1.329	0	%100
57	MP3C	X	-9.209	-9.209	0	%100
58	MP3C	Z	-5.317	-5.317	0	%100
59	M61	X	-.364	-.364	0	%100
60	M61	Z	-.21	-.21	0	%100
61	M64	X	-5.296	-5.296	0	%100
62	M64	Z	-3.058	-3.058	0	%100
63	M65	X	-1.517	-1.517	0	%100
64	M65	Z	-.876	-.876	0	%100
65	M68	X	-1.454	-1.454	0	%100
66	M68	Z	-.839	-.839	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-6.067	-6.067	0	%100
70	M72	Z	-3.503	-3.503	0	%100
71	M75A	X	-.364	-.364	0	%100
72	M75A	Z	-.21	-.21	0	%100
73	M78A	X	-5.296	-5.296	0	%100
74	M78A	Z	-3.058	-3.058	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,%]
75	M79	X	-1.517	-1.517	0	%100
76	M79	Z	-.876	-.876	0	%100
77	M88	X	-10.697	-10.697	0	%100
78	M88	Z	-6.176	-6.176	0	%100
79	M89A	X	-2.674	-2.674	0	%100
80	M89A	Z	-1.544	-1.544	0	%100
81	M90	X	-2.674	-2.674	0	%100
82	M90	Z	-1.544	-1.544	0	%100
83	M105	X	-9.124	-9.124	0	%100
84	M105	Z	-5.268	-5.268	0	%100
85	OVP	X	-2.281	-2.281	0	%100
86	OVP	Z	-1.317	-1.317	0	%100
87	M119	X	-2.281	-2.281	0	%100
88	M119	Z	-1.317	-1.317	0	%100
89	MP2B	X	-9.209	-9.209	0	%100
90	MP2B	Z	-5.317	-5.317	0	%100
91	MP3B	X	-9.209	-9.209	0	%100
92	MP3B	Z	-5.317	-5.317	0	%100
93	MP2A	X	-9.209	-9.209	0	%100
94	MP2A	Z	-5.317	-5.317	0	%100
95	MP3A	X	-9.209	-9.209	0	%100
96	MP3A	Z	-5.317	-5.317	0	%100
97	MP4A	X	-11.147	-11.147	0	%100
98	MP4A	Z	-6.436	-6.436	0	%100
99	MP4C	X	-11.147	-11.147	0	%100
100	MP4C	Z	-6.436	-6.436	0	%100
101	MP4B	X	-11.147	-11.147	0	%100
102	MP4B	Z	-6.436	-6.436	0	%100
103	M139	X	-5.642	-5.642	0	%100
104	M139	Z	-3.257	-3.257	0	%100
105	M140	X	-7.512	-7.512	0	%100
106	M140	Z	-4.337	-4.337	0	%100
107	M141	X	-12.925	-12.925	0	%100
108	M141	Z	-7.462	-7.462	0	%100
109	M142	X	-12.925	-12.925	0	%100
110	M142	Z	-7.462	-7.462	0	%100
111	M143	X	-2.033	-2.033	0	%100
112	M143	Z	-1.174	-1.174	0	%100
113	M144	X	-2.033	-2.033	0	%100
114	M144	Z	-1.174	-1.174	0	%100
115	M145	X	-2.033	-2.033	0	%100
116	M145	Z	-1.174	-1.174	0	%100
117	M146	X	-2.033	-2.033	0	%100
118	M146	Z	-1.174	-1.174	0	%100
119	M147	X	-2.033	-2.033	0	%100
120	M147	Z	-1.174	-1.174	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-11.146	-11.146	0	%100
2	M1	Z	-19.306	-19.306	0	%100
3	M2	X	-11.146	-11.146	0	%100
4	M2	Z	-19.306	-19.306	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	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,%]
8	M4	Z	0	0	0	%100
9	M5	X	-11.146	-11.146	0	%100
10	M5	Z	-19.306	-19.306	0	%100
11	M6	X	-11.146	-11.146	0	%100
12	M6	Z	-19.306	-19.306	0	%100
13	M7	X	-11.016	-11.016	0	%100
14	M7	Z	-19.08	-19.08	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-11.016	-11.016	0	%100
18	M9	Z	-19.08	-19.08	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.63	-.63	0	%100
22	M14A	Z	-1.091	-1.091	0	%100
23	M18	X	-.63	-.63	0	%100
24	M18	Z	-1.091	-1.091	0	%100
25	M22	X	-1.019	-1.019	0	%100
26	M22	Z	-1.765	-1.765	0	%100
27	M23	X	-4.077	-4.077	0	%100
28	M23	Z	-7.062	-7.062	0	%100
29	M24	X	-1.019	-1.019	0	%100
30	M24	Z	-1.765	-1.765	0	%100
31	M74	X	-2.627	-2.627	0	%100
32	M74	Z	-4.551	-4.551	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-2.627	-2.627	0	%100
36	M86	Z	-4.551	-4.551	0	%100
37	MP5A	X	-5.317	-5.317	0	%100
38	MP5A	Z	-9.209	-9.209	0	%100
39	MP1A	X	-5.317	-5.317	0	%100
40	MP1A	Z	-9.209	-9.209	0	%100
41	MP2C	X	-5.317	-5.317	0	%100
42	MP2C	Z	-9.209	-9.209	0	%100
43	MP5C	X	-5.317	-5.317	0	%100
44	MP5C	Z	-9.209	-9.209	0	%100
45	MP1C	X	-5.317	-5.317	0	%100
46	MP1C	Z	-9.209	-9.209	0	%100
47	MP5B	X	-5.317	-5.317	0	%100
48	MP5B	Z	-9.209	-9.209	0	%100
49	MP1B	X	-5.317	-5.317	0	%100
50	MP1B	Z	-9.209	-9.209	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-3.988	-3.988	0	%100
54	M77B	Z	-6.907	-6.907	0	%100
55	M78	X	-3.988	-3.988	0	%100
56	M78	Z	-6.907	-6.907	0	%100
57	MP3C	X	-5.317	-5.317	0	%100
58	MP3C	Z	-9.209	-9.209	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-4.077	-4.077	0	%100
62	M64	Z	-7.062	-7.062	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	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,%]
65	M68	X	-.63	-.63	0	%100
66	M68	Z	-1.091	-1.091	0	%100
67	M71	X	-1.019	-1.019	0	%100
68	M71	Z	-1.765	-1.765	0	%100
69	M72	X	-2.627	-2.627	0	%100
70	M72	Z	-4.551	-4.551	0	%100
71	M75A	X	-.63	-.63	0	%100
72	M75A	Z	-1.091	-1.091	0	%100
73	M78A	X	-1.019	-1.019	0	%100
74	M78A	Z	-1.765	-1.765	0	%100
75	M79	X	-2.627	-2.627	0	%100
76	M79	Z	-4.551	-4.551	0	%100
77	M88	X	-4.632	-4.632	0	%100
78	M88	Z	-8.023	-8.023	0	%100
79	M89A	X	-4.632	-4.632	0	%100
80	M89A	Z	-8.023	-8.023	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-3.951	-3.951	0	%100
84	M105	Z	-6.843	-6.843	0	%100
85	OVP	X	-3.951	-3.951	0	%100
86	OVP	Z	-6.843	-6.843	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-5.317	-5.317	0	%100
90	MP2B	Z	-9.209	-9.209	0	%100
91	MP3B	X	-5.317	-5.317	0	%100
92	MP3B	Z	-9.209	-9.209	0	%100
93	MP2A	X	-5.317	-5.317	0	%100
94	MP2A	Z	-9.209	-9.209	0	%100
95	MP3A	X	-5.317	-5.317	0	%100
96	MP3A	Z	-9.209	-9.209	0	%100
97	MP4A	X	-6.436	-6.436	0	%100
98	MP4A	Z	-11.147	-11.147	0	%100
99	MP4C	X	-6.436	-6.436	0	%100
100	MP4C	Z	-11.147	-11.147	0	%100
101	MP4B	X	-6.436	-6.436	0	%100
102	MP4B	Z	-11.147	-11.147	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-5.783	-5.783	0	%100
106	M140	Z	-10.017	-10.017	0	%100
107	M141	X	-7.462	-7.462	0	%100
108	M141	Z	-12.925	-12.925	0	%100
109	M142	X	-7.462	-7.462	0	%100
110	M142	Z	-12.925	-12.925	0	%100
111	M143	X	-1.565	-1.565	0	%100
112	M143	Z	-2.711	-2.711	0	%100
113	M144	X	-1.565	-1.565	0	%100
114	M144	Z	-2.711	-2.711	0	%100
115	M145	X	-1.565	-1.565	0	%100
116	M145	Z	-2.711	-2.711	0	%100
117	M146	X	-1.565	-1.565	0	%100
118	M146	Z	-2.711	-2.711	0	%100
119	M147	X	-1.565	-1.565	0	%100
120	M147	Z	-2.711	-2.711	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-7.019	-7.019	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-7.019	-7.019	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.755	-1.755	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.755	-1.755	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.755	-1.755	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.755	-1.755	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-6.958	-6.958	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-1.74	-1.74	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.74	-1.74	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.35	-.35	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.35	-.35	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.4	-1.4	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-2.003	-2.003	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-2.003	-2.003	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	-2.471	-2.471	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	-.618	-.618	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	-.618	-.618	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	-3.698	-3.698	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-3.698	-3.698	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-3.698	-3.698	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	-3.698	-3.698	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-3.698	-3.698	0	%100
47	MP5B	X	0	0	0	%100
48	MP5B	Z	-3.698	-3.698	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	-3.698	-3.698	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	-.925	-.925	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	-.925	-.925	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-3.698	-3.698	0	%100
57	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	-3.698	-3.698	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-.35	-.35	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	-2.003	-2.003	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-.618	-.618	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	-.35	-.35	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	-2.003	-2.003	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	-.618	-.618	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	-1.4	-1.4	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	-2.471	-2.471	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-.833	-.833	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	-3.332	-3.332	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-.833	-.833	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	-.916	-.916	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-3.665	-3.665	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	-.916	-.916	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	-3.698	-3.698	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-3.698	-3.698	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-3.698	-3.698	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-3.698	-3.698	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-4.088	-4.088	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-4.088	-4.088	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-4.088	-4.088	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	-1.506	-1.506	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	-2.502	-2.502	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	-4.445	-4.445	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	-4.445	-4.445	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	-1.326	-1.326	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	-1.326	-1.326	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,%]
115	M145	X	0	0	0	%100
116	M145	Z	-1.326	-1.326	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	-1.326	-1.326	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	-1.326	-1.326	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.632	2.632	0	%100
2	M1	Z	-4.559	-4.559	0	%100
3	M2	X	2.632	2.632	0	%100
4	M2	Z	-4.559	-4.559	0	%100
5	M3	X	2.632	2.632	0	%100
6	M3	Z	-4.559	-4.559	0	%100
7	M4	X	2.632	2.632	0	%100
8	M4	Z	-4.559	-4.559	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	2.609	2.609	0	%100
14	M7	Z	-4.519	-4.519	0	%100
15	M8	X	2.609	2.609	0	%100
16	M8	Z	-4.519	-4.519	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.525	.525	0	%100
20	M13	Z	-.91	-.91	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.525	.525	0	%100
24	M18	Z	-.91	-.91	0	%100
25	M22	X	.334	.334	0	%100
26	M22	Z	-.578	-.578	0	%100
27	M23	X	.334	.334	0	%100
28	M23	Z	-.578	-.578	0	%100
29	M24	X	1.335	1.335	0	%100
30	M24	Z	-2.313	-2.313	0	%100
31	M74	X	.927	.927	0	%100
32	M74	Z	-1.605	-1.605	0	%100
33	M80	X	.927	.927	0	%100
34	M80	Z	-1.605	-1.605	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	1.849	1.849	0	%100
38	MP5A	Z	-3.203	-3.203	0	%100
39	MP1A	X	1.849	1.849	0	%100
40	MP1A	Z	-3.203	-3.203	0	%100
41	MP2C	X	1.849	1.849	0	%100
42	MP2C	Z	-3.203	-3.203	0	%100
43	MP5C	X	1.849	1.849	0	%100
44	MP5C	Z	-3.203	-3.203	0	%100
45	MP1C	X	1.849	1.849	0	%100
46	MP1C	Z	-3.203	-3.203	0	%100
47	MP5B	X	1.849	1.849	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,%]
48	MP5B	Z	-3.203	-3.203	0	%100
49	MP1B	X	1.849	1.849	0	%100
50	MP1B	Z	-3.203	-3.203	0	%100
51	M77A	X	1.387	1.387	0	%100
52	M77A	Z	-2.402	-2.402	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	1.387	1.387	0	%100
56	M78	Z	-2.402	-2.402	0	%100
57	MP3C	X	1.849	1.849	0	%100
58	MP3C	Z	-3.203	-3.203	0	%100
59	M61	X	.525	.525	0	%100
60	M61	Z	-.91	-.91	0	%100
61	M64	X	.334	.334	0	%100
62	M64	Z	-.578	-.578	0	%100
63	M65	X	.927	.927	0	%100
64	M65	Z	-1.605	-1.605	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	1.335	1.335	0	%100
68	M71	Z	-2.313	-2.313	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	.525	.525	0	%100
72	M75A	Z	-.91	-.91	0	%100
73	M78A	X	.334	.334	0	%100
74	M78A	Z	-.578	-.578	0	%100
75	M79	X	.927	.927	0	%100
76	M79	Z	-1.605	-1.605	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	1.25	1.25	0	%100
80	M89A	Z	-2.164	-2.164	0	%100
81	M90	X	1.25	1.25	0	%100
82	M90	Z	-2.164	-2.164	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	OVP	X	1.374	1.374	0	%100
86	OVP	Z	-2.38	-2.38	0	%100
87	M119	X	1.374	1.374	0	%100
88	M119	Z	-2.38	-2.38	0	%100
89	MP2B	X	1.849	1.849	0	%100
90	MP2B	Z	-3.203	-3.203	0	%100
91	MP3B	X	1.849	1.849	0	%100
92	MP3B	Z	-3.203	-3.203	0	%100
93	MP2A	X	1.849	1.849	0	%100
94	MP2A	Z	-3.203	-3.203	0	%100
95	MP3A	X	1.849	1.849	0	%100
96	MP3A	Z	-3.203	-3.203	0	%100
97	MP4A	X	2.044	2.044	0	%100
98	MP4A	Z	-3.54	-3.54	0	%100
99	MP4C	X	2.044	2.044	0	%100
100	MP4C	Z	-3.54	-3.54	0	%100
101	MP4B	X	2.044	2.044	0	%100
102	MP4B	Z	-3.54	-3.54	0	%100
103	M139	X	2.259	2.259	0	%100
104	M139	Z	-3.913	-3.913	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,%]
105	M140	X	.417	.417	0	%100
106	M140	Z	-.722	-.722	0	%100
107	M141	X	2.222	2.222	0	%100
108	M141	Z	-3.849	-3.849	0	%100
109	M142	X	2.222	2.222	0	%100
110	M142	Z	-3.849	-3.849	0	%100
111	M143	X	.221	.221	0	%100
112	M143	Z	-.383	-.383	0	%100
113	M144	X	.221	.221	0	%100
114	M144	Z	-.383	-.383	0	%100
115	M145	X	.221	.221	0	%100
116	M145	Z	-.383	-.383	0	%100
117	M146	X	.221	.221	0	%100
118	M146	Z	-.383	-.383	0	%100
119	M147	X	.221	.221	0	%100
120	M147	Z	-.383	-.383	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.52	1.52	0	%100
2	M1	Z	-.877	-.877	0	%100
3	M2	X	1.52	1.52	0	%100
4	M2	Z	-.877	-.877	0	%100
5	M3	X	6.078	6.078	0	%100
6	M3	Z	-3.509	-3.509	0	%100
7	M4	X	6.078	6.078	0	%100
8	M4	Z	-3.509	-3.509	0	%100
9	M5	X	1.52	1.52	0	%100
10	M5	Z	-.877	-.877	0	%100
11	M6	X	1.52	1.52	0	%100
12	M6	Z	-.877	-.877	0	%100
13	M7	X	1.506	1.506	0	%100
14	M7	Z	-.87	-.87	0	%100
15	M8	X	6.026	6.026	0	%100
16	M8	Z	-3.479	-3.479	0	%100
17	M9	X	1.506	1.506	0	%100
18	M9	Z	-.87	-.87	0	%100
19	M13	X	1.213	1.213	0	%100
20	M13	Z	-.7	-.7	0	%100
21	M14A	X	.303	.303	0	%100
22	M14A	Z	-.175	-.175	0	%100
23	M18	X	.303	.303	0	%100
24	M18	Z	-.175	-.175	0	%100
25	M22	X	1.735	1.735	0	%100
26	M22	Z	-1.002	-1.002	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	1.735	1.735	0	%100
30	M24	Z	-1.002	-1.002	0	%100
31	M74	X	.535	.535	0	%100
32	M74	Z	-.309	-.309	0	%100
33	M80	X	2.14	2.14	0	%100
34	M80	Z	-1.236	-1.236	0	%100
35	M86	X	.535	.535	0	%100
36	M86	Z	-.309	-.309	0	%100
37	MP5A	X	3.203	3.203	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,%]
38	MP5A	Z	-1.849	-1.849	0	%100
39	MP1A	X	3.203	3.203	0	%100
40	MP1A	Z	-1.849	-1.849	0	%100
41	MP2C	X	3.203	3.203	0	%100
42	MP2C	Z	-1.849	-1.849	0	%100
43	MP5C	X	3.203	3.203	0	%100
44	MP5C	Z	-1.849	-1.849	0	%100
45	MP1C	X	3.203	3.203	0	%100
46	MP1C	Z	-1.849	-1.849	0	%100
47	MP5B	X	3.203	3.203	0	%100
48	MP5B	Z	-1.849	-1.849	0	%100
49	MP1B	X	3.203	3.203	0	%100
50	MP1B	Z	-1.849	-1.849	0	%100
51	M77A	X	3.203	3.203	0	%100
52	M77A	Z	-1.849	-1.849	0	%100
53	M77B	X	.801	.801	0	%100
54	M77B	Z	-.462	-.462	0	%100
55	M78	X	.801	.801	0	%100
56	M78	Z	-.462	-.462	0	%100
57	MP3C	X	3.203	3.203	0	%100
58	MP3C	Z	-1.849	-1.849	0	%100
59	M61	X	1.213	1.213	0	%100
60	M61	Z	-.7	-.7	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	2.14	2.14	0	%100
64	M65	Z	-1.236	-1.236	0	%100
65	M68	X	.303	.303	0	%100
66	M68	Z	-.175	-.175	0	%100
67	M71	X	1.735	1.735	0	%100
68	M71	Z	-1.002	-1.002	0	%100
69	M72	X	.535	.535	0	%100
70	M72	Z	-.309	-.309	0	%100
71	M75A	X	.303	.303	0	%100
72	M75A	Z	-.175	-.175	0	%100
73	M78A	X	1.735	1.735	0	%100
74	M78A	Z	-1.002	-1.002	0	%100
75	M79	X	.535	.535	0	%100
76	M79	Z	-.309	-.309	0	%100
77	M88	X	.721	.721	0	%100
78	M88	Z	-.417	-.417	0	%100
79	M89A	X	.721	.721	0	%100
80	M89A	Z	-.417	-.417	0	%100
81	M90	X	2.886	2.886	0	%100
82	M90	Z	-1.666	-1.666	0	%100
83	M105	X	.793	.793	0	%100
84	M105	Z	-.458	-.458	0	%100
85	OVP	X	.793	.793	0	%100
86	OVP	Z	-.458	-.458	0	%100
87	M119	X	3.174	3.174	0	%100
88	M119	Z	-1.832	-1.832	0	%100
89	MP2B	X	3.203	3.203	0	%100
90	MP2B	Z	-1.849	-1.849	0	%100
91	MP3B	X	3.203	3.203	0	%100
92	MP3B	Z	-1.849	-1.849	0	%100
93	MP2A	X	3.203	3.203	0	%100
94	MP2A	Z	-1.849	-1.849	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,%]
95	MP3A	X	3.203	3.203	0	%100
96	MP3A	Z	-1.849	-1.849	0	%100
97	MP4A	X	3.54	3.54	0	%100
98	MP4A	Z	-2.044	-2.044	0	%100
99	MP4C	X	3.54	3.54	0	%100
100	MP4C	Z	-2.044	-2.044	0	%100
101	MP4B	X	3.54	3.54	0	%100
102	MP4B	Z	-2.044	-2.044	0	%100
103	M139	X	5.218	5.218	0	%100
104	M139	Z	-3.012	-3.012	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	3.849	3.849	0	%100
108	M141	Z	-2.222	-2.222	0	%100
109	M142	X	3.849	3.849	0	%100
110	M142	Z	-2.222	-2.222	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	5.264	5.264	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	5.264	5.264	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	5.264	5.264	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	5.264	5.264	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	5.219	5.219	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	5.219	5.219	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	1.05	1.05	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.05	1.05	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	2.671	2.671	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	.668	.668	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,%]
28	M23	Z	0	0	0	%100
29	M24	X	.668	.668	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	1.853	1.853	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	1.853	1.853	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	3.698	3.698	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	3.698	3.698	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	3.698	3.698	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	3.698	3.698	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	3.698	3.698	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	3.698	3.698	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	3.698	3.698	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	2.774	2.774	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	2.774	2.774	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	3.698	3.698	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	1.05	1.05	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	.668	.668	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	1.853	1.853	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	1.05	1.05	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	.668	.668	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	1.853	1.853	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	2.671	2.671	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	2.499	2.499	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	2.499	2.499	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	2.749	2.749	0	%100
84	M105	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,%]
85	OVP	X	0	0	0	%100
86	OVP	Z	0	0	0	%100
87	M119	X	2.749	2.749	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	3.698	3.698	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	3.698	3.698	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	3.698	3.698	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	3.698	3.698	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	4.088	4.088	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	4.088	4.088	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	4.088	4.088	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	4.519	4.519	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	.834	.834	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	4.445	4.445	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	4.445	4.445	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	.442	.442	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	.442	.442	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	.442	.442	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	.442	.442	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	.442	.442	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.52	1.52	0	%100
2	M1	Z	.877	.877	0	%100
3	M2	X	1.52	1.52	0	%100
4	M2	Z	.877	.877	0	%100
5	M3	X	1.52	1.52	0	%100
6	M3	Z	.877	.877	0	%100
7	M4	X	1.52	1.52	0	%100
8	M4	Z	.877	.877	0	%100
9	M5	X	6.078	6.078	0	%100
10	M5	Z	3.509	3.509	0	%100
11	M6	X	6.078	6.078	0	%100
12	M6	Z	3.509	3.509	0	%100
13	M7	X	1.506	1.506	0	%100
14	M7	Z	.87	.87	0	%100
15	M8	X	1.506	1.506	0	%100
16	M8	Z	.87	.87	0	%100
17	M9	X	6.026	6.026	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,%]
18	M9	Z	3.479	3.479	0	%100
19	M13	X	.303	.303	0	%100
20	M13	Z	.175	.175	0	%100
21	M14A	X	1.213	1.213	0	%100
22	M14A	Z	.7	.7	0	%100
23	M18	X	.303	.303	0	%100
24	M18	Z	.175	.175	0	%100
25	M22	X	1.735	1.735	0	%100
26	M22	Z	1.002	1.002	0	%100
27	M23	X	1.735	1.735	0	%100
28	M23	Z	1.002	1.002	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	.535	.535	0	%100
32	M74	Z	.309	.309	0	%100
33	M80	X	.535	.535	0	%100
34	M80	Z	.309	.309	0	%100
35	M86	X	2.14	2.14	0	%100
36	M86	Z	1.236	1.236	0	%100
37	MP5A	X	3.203	3.203	0	%100
38	MP5A	Z	1.849	1.849	0	%100
39	MP1A	X	3.203	3.203	0	%100
40	MP1A	Z	1.849	1.849	0	%100
41	MP2C	X	3.203	3.203	0	%100
42	MP2C	Z	1.849	1.849	0	%100
43	MP5C	X	3.203	3.203	0	%100
44	MP5C	Z	1.849	1.849	0	%100
45	MP1C	X	3.203	3.203	0	%100
46	MP1C	Z	1.849	1.849	0	%100
47	MP5B	X	3.203	3.203	0	%100
48	MP5B	Z	1.849	1.849	0	%100
49	MP1B	X	3.203	3.203	0	%100
50	MP1B	Z	1.849	1.849	0	%100
51	M77A	X	.801	.801	0	%100
52	M77A	Z	.462	.462	0	%100
53	M77B	X	3.203	3.203	0	%100
54	M77B	Z	1.849	1.849	0	%100
55	M78	X	.801	.801	0	%100
56	M78	Z	.462	.462	0	%100
57	MP3C	X	3.203	3.203	0	%100
58	MP3C	Z	1.849	1.849	0	%100
59	M61	X	.303	.303	0	%100
60	M61	Z	.175	.175	0	%100
61	M64	X	1.735	1.735	0	%100
62	M64	Z	1.002	1.002	0	%100
63	M65	X	.535	.535	0	%100
64	M65	Z	.309	.309	0	%100
65	M68	X	1.213	1.213	0	%100
66	M68	Z	.7	.7	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	2.14	2.14	0	%100
70	M72	Z	1.236	1.236	0	%100
71	M75A	X	.303	.303	0	%100
72	M75A	Z	.175	.175	0	%100
73	M78A	X	1.735	1.735	0	%100
74	M78A	Z	1.002	1.002	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,%]
75	M79	X	.535	.535	0	%100
76	M79	Z	.309	.309	0	%100
77	M88	X	2.886	2.886	0	%100
78	M88	Z	1.666	1.666	0	%100
79	M89A	X	.721	.721	0	%100
80	M89A	Z	.417	.417	0	%100
81	M90	X	.721	.721	0	%100
82	M90	Z	.417	.417	0	%100
83	M105	X	3.174	3.174	0	%100
84	M105	Z	1.832	1.832	0	%100
85	OVP	X	.793	.793	0	%100
86	OVP	Z	.458	.458	0	%100
87	M119	X	.793	.793	0	%100
88	M119	Z	.458	.458	0	%100
89	MP2B	X	3.203	3.203	0	%100
90	MP2B	Z	1.849	1.849	0	%100
91	MP3B	X	3.203	3.203	0	%100
92	MP3B	Z	1.849	1.849	0	%100
93	MP2A	X	3.203	3.203	0	%100
94	MP2A	Z	1.849	1.849	0	%100
95	MP3A	X	3.203	3.203	0	%100
96	MP3A	Z	1.849	1.849	0	%100
97	MP4A	X	3.54	3.54	0	%100
98	MP4A	Z	2.044	2.044	0	%100
99	MP4C	X	3.54	3.54	0	%100
100	MP4C	Z	2.044	2.044	0	%100
101	MP4B	X	3.54	3.54	0	%100
102	MP4B	Z	2.044	2.044	0	%100
103	M139	X	1.304	1.304	0	%100
104	M139	Z	.753	.753	0	%100
105	M140	X	2.167	2.167	0	%100
106	M140	Z	1.251	1.251	0	%100
107	M141	X	3.849	3.849	0	%100
108	M141	Z	2.222	2.222	0	%100
109	M142	X	3.849	3.849	0	%100
110	M142	Z	2.222	2.222	0	%100
111	M143	X	1.148	1.148	0	%100
112	M143	Z	.663	.663	0	%100
113	M144	X	1.148	1.148	0	%100
114	M144	Z	.663	.663	0	%100
115	M145	X	1.148	1.148	0	%100
116	M145	Z	.663	.663	0	%100
117	M146	X	1.148	1.148	0	%100
118	M146	Z	.663	.663	0	%100
119	M147	X	1.148	1.148	0	%100
120	M147	Z	.663	.663	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.632	2.632	0	%100
2	M1	Z	4.559	4.559	0	%100
3	M2	X	2.632	2.632	0	%100
4	M2	Z	4.559	4.559	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	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,%]
8	M4	Z	0	0	0	%100
9	M5	X	2.632	2.632	0	%100
10	M5	Z	4.559	4.559	0	%100
11	M6	X	2.632	2.632	0	%100
12	M6	Z	4.559	4.559	0	%100
13	M7	X	2.609	2.609	0	%100
14	M7	Z	4.519	4.519	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	2.609	2.609	0	%100
18	M9	Z	4.519	4.519	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.525	.525	0	%100
22	M14A	Z	.91	.91	0	%100
23	M18	X	.525	.525	0	%100
24	M18	Z	.91	.91	0	%100
25	M22	X	.334	.334	0	%100
26	M22	Z	.578	.578	0	%100
27	M23	X	1.335	1.335	0	%100
28	M23	Z	2.313	2.313	0	%100
29	M24	X	.334	.334	0	%100
30	M24	Z	.578	.578	0	%100
31	M74	X	.927	.927	0	%100
32	M74	Z	1.605	1.605	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	.927	.927	0	%100
36	M86	Z	1.605	1.605	0	%100
37	MP5A	X	1.849	1.849	0	%100
38	MP5A	Z	3.203	3.203	0	%100
39	MP1A	X	1.849	1.849	0	%100
40	MP1A	Z	3.203	3.203	0	%100
41	MP2C	X	1.849	1.849	0	%100
42	MP2C	Z	3.203	3.203	0	%100
43	MP5C	X	1.849	1.849	0	%100
44	MP5C	Z	3.203	3.203	0	%100
45	MP1C	X	1.849	1.849	0	%100
46	MP1C	Z	3.203	3.203	0	%100
47	MP5B	X	1.849	1.849	0	%100
48	MP5B	Z	3.203	3.203	0	%100
49	MP1B	X	1.849	1.849	0	%100
50	MP1B	Z	3.203	3.203	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	1.387	1.387	0	%100
54	M77B	Z	2.402	2.402	0	%100
55	M78	X	1.387	1.387	0	%100
56	M78	Z	2.402	2.402	0	%100
57	MP3C	X	1.849	1.849	0	%100
58	MP3C	Z	3.203	3.203	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	1.335	1.335	0	%100
62	M64	Z	2.313	2.313	0	%100
63	M65	X	0	0	0	%100
64	M65	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,%]
65	M68	X	.525	.525	0	%100
66	M68	Z	.91	.91	0	%100
67	M71	X	.334	.334	0	%100
68	M71	Z	.578	.578	0	%100
69	M72	X	.927	.927	0	%100
70	M72	Z	1.605	1.605	0	%100
71	M75A	X	.525	.525	0	%100
72	M75A	Z	.91	.91	0	%100
73	M78A	X	.334	.334	0	%100
74	M78A	Z	.578	.578	0	%100
75	M79	X	.927	.927	0	%100
76	M79	Z	1.605	1.605	0	%100
77	M88	X	1.25	1.25	0	%100
78	M88	Z	2.164	2.164	0	%100
79	M89A	X	1.25	1.25	0	%100
80	M89A	Z	2.164	2.164	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	1.374	1.374	0	%100
84	M105	Z	2.38	2.38	0	%100
85	OVP	X	1.374	1.374	0	%100
86	OVP	Z	2.38	2.38	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	1.849	1.849	0	%100
90	MP2B	Z	3.203	3.203	0	%100
91	MP3B	X	1.849	1.849	0	%100
92	MP3B	Z	3.203	3.203	0	%100
93	MP2A	X	1.849	1.849	0	%100
94	MP2A	Z	3.203	3.203	0	%100
95	MP3A	X	1.849	1.849	0	%100
96	MP3A	Z	3.203	3.203	0	%100
97	MP4A	X	2.044	2.044	0	%100
98	MP4A	Z	3.54	3.54	0	%100
99	MP4C	X	2.044	2.044	0	%100
100	MP4C	Z	3.54	3.54	0	%100
101	MP4B	X	2.044	2.044	0	%100
102	MP4B	Z	3.54	3.54	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	1.668	1.668	0	%100
106	M140	Z	2.889	2.889	0	%100
107	M141	X	2.222	2.222	0	%100
108	M141	Z	3.849	3.849	0	%100
109	M142	X	2.222	2.222	0	%100
110	M142	Z	3.849	3.849	0	%100
111	M143	X	.884	.884	0	%100
112	M143	Z	1.531	1.531	0	%100
113	M144	X	.884	.884	0	%100
114	M144	Z	1.531	1.531	0	%100
115	M145	X	.884	.884	0	%100
116	M145	Z	1.531	1.531	0	%100
117	M146	X	.884	.884	0	%100
118	M146	Z	1.531	1.531	0	%100
119	M147	X	.884	.884	0	%100
120	M147	Z	1.531	1.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	7.019	7.019	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	7.019	7.019	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.755	1.755	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.755	1.755	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.755	1.755	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.755	1.755	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	6.958	6.958	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	1.74	1.74	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.74	1.74	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.35	.35	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.35	.35	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.4	1.4	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	2.003	2.003	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	2.003	2.003	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	2.471	2.471	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	.618	.618	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	.618	.618	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	3.698	3.698	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	3.698	3.698	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	3.698	3.698	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	3.698	3.698	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	3.698	3.698	0	%100
47	MP5B	X	0	0	0	%100
48	MP5B	Z	3.698	3.698	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	3.698	3.698	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	.925	.925	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	.925	.925	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	3.698	3.698	0	%100
57	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	3.698	3.698	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	.35	.35	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	2.003	2.003	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	.618	.618	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	.35	.35	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	2.003	2.003	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	.618	.618	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	1.4	1.4	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	2.471	2.471	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	.833	.833	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	3.332	3.332	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	.833	.833	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	.916	.916	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	3.665	3.665	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	.916	.916	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	3.698	3.698	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	3.698	3.698	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	3.698	3.698	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	3.698	3.698	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	4.088	4.088	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	4.088	4.088	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	4.088	4.088	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	1.506	1.506	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	2.502	2.502	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	4.445	4.445	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	4.445	4.445	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	1.326	1.326	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	1.326	1.326	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,%]
115	M145	X	0	0	0	%100
116	M145	Z	1.326	1.326	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	1.326	1.326	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	1.326	1.326	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.632	-2.632	0	%100
2	M1	Z	4.559	4.559	0	%100
3	M2	X	-2.632	-2.632	0	%100
4	M2	Z	4.559	4.559	0	%100
5	M3	X	-2.632	-2.632	0	%100
6	M3	Z	4.559	4.559	0	%100
7	M4	X	-2.632	-2.632	0	%100
8	M4	Z	4.559	4.559	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-2.609	-2.609	0	%100
14	M7	Z	4.519	4.519	0	%100
15	M8	X	-2.609	-2.609	0	%100
16	M8	Z	4.519	4.519	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.525	-.525	0	%100
20	M13	Z	.91	.91	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.525	-.525	0	%100
24	M18	Z	.91	.91	0	%100
25	M22	X	-.334	-.334	0	%100
26	M22	Z	.578	.578	0	%100
27	M23	X	-.334	-.334	0	%100
28	M23	Z	.578	.578	0	%100
29	M24	X	-1.335	-1.335	0	%100
30	M24	Z	2.313	2.313	0	%100
31	M74	X	-.927	-.927	0	%100
32	M74	Z	1.605	1.605	0	%100
33	M80	X	-.927	-.927	0	%100
34	M80	Z	1.605	1.605	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-1.849	-1.849	0	%100
38	MP5A	Z	3.203	3.203	0	%100
39	MP1A	X	-1.849	-1.849	0	%100
40	MP1A	Z	3.203	3.203	0	%100
41	MP2C	X	-1.849	-1.849	0	%100
42	MP2C	Z	3.203	3.203	0	%100
43	MP5C	X	-1.849	-1.849	0	%100
44	MP5C	Z	3.203	3.203	0	%100
45	MP1C	X	-1.849	-1.849	0	%100
46	MP1C	Z	3.203	3.203	0	%100
47	MP5B	X	-1.849	-1.849	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,%]
48	MP5B	Z	3.203	3.203	0	%100
49	MP1B	X	-1.849	-1.849	0	%100
50	MP1B	Z	3.203	3.203	0	%100
51	M77A	X	-1.387	-1.387	0	%100
52	M77A	Z	2.402	2.402	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	-1.387	-1.387	0	%100
56	M78	Z	2.402	2.402	0	%100
57	MP3C	X	-1.849	-1.849	0	%100
58	MP3C	Z	3.203	3.203	0	%100
59	M61	X	-.525	-.525	0	%100
60	M61	Z	.91	.91	0	%100
61	M64	X	-.334	-.334	0	%100
62	M64	Z	.578	.578	0	%100
63	M65	X	-.927	-.927	0	%100
64	M65	Z	1.605	1.605	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-1.335	-1.335	0	%100
68	M71	Z	2.313	2.313	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	-.525	-.525	0	%100
72	M75A	Z	.91	.91	0	%100
73	M78A	X	-.334	-.334	0	%100
74	M78A	Z	.578	.578	0	%100
75	M79	X	-.927	-.927	0	%100
76	M79	Z	1.605	1.605	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	-1.25	-1.25	0	%100
80	M89A	Z	2.164	2.164	0	%100
81	M90	X	-1.25	-1.25	0	%100
82	M90	Z	2.164	2.164	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	OVP	X	-1.374	-1.374	0	%100
86	OVP	Z	2.38	2.38	0	%100
87	M119	X	-1.374	-1.374	0	%100
88	M119	Z	2.38	2.38	0	%100
89	MP2B	X	-1.849	-1.849	0	%100
90	MP2B	Z	3.203	3.203	0	%100
91	MP3B	X	-1.849	-1.849	0	%100
92	MP3B	Z	3.203	3.203	0	%100
93	MP2A	X	-1.849	-1.849	0	%100
94	MP2A	Z	3.203	3.203	0	%100
95	MP3A	X	-1.849	-1.849	0	%100
96	MP3A	Z	3.203	3.203	0	%100
97	MP4A	X	-2.044	-2.044	0	%100
98	MP4A	Z	3.54	3.54	0	%100
99	MP4C	X	-2.044	-2.044	0	%100
100	MP4C	Z	3.54	3.54	0	%100
101	MP4B	X	-2.044	-2.044	0	%100
102	MP4B	Z	3.54	3.54	0	%100
103	M139	X	-2.259	-2.259	0	%100
104	M139	Z	3.913	3.913	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,%]
105	M140	X	-.417	-.417	0	%100
106	M140	Z	.722	.722	0	%100
107	M141	X	-2.222	-2.222	0	%100
108	M141	Z	3.849	3.849	0	%100
109	M142	X	-2.222	-2.222	0	%100
110	M142	Z	3.849	3.849	0	%100
111	M143	X	-.221	-.221	0	%100
112	M143	Z	.383	.383	0	%100
113	M144	X	-.221	-.221	0	%100
114	M144	Z	.383	.383	0	%100
115	M145	X	-.221	-.221	0	%100
116	M145	Z	.383	.383	0	%100
117	M146	X	-.221	-.221	0	%100
118	M146	Z	.383	.383	0	%100
119	M147	X	-.221	-.221	0	%100
120	M147	Z	.383	.383	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.52	-1.52	0	%100
2	M1	Z	.877	.877	0	%100
3	M2	X	-1.52	-1.52	0	%100
4	M2	Z	.877	.877	0	%100
5	M3	X	-6.078	-6.078	0	%100
6	M3	Z	3.509	3.509	0	%100
7	M4	X	-6.078	-6.078	0	%100
8	M4	Z	3.509	3.509	0	%100
9	M5	X	-1.52	-1.52	0	%100
10	M5	Z	.877	.877	0	%100
11	M6	X	-1.52	-1.52	0	%100
12	M6	Z	.877	.877	0	%100
13	M7	X	-1.506	-1.506	0	%100
14	M7	Z	.87	.87	0	%100
15	M8	X	-6.026	-6.026	0	%100
16	M8	Z	3.479	3.479	0	%100
17	M9	X	-1.506	-1.506	0	%100
18	M9	Z	.87	.87	0	%100
19	M13	X	-1.213	-1.213	0	%100
20	M13	Z	.7	.7	0	%100
21	M14A	X	-.303	-.303	0	%100
22	M14A	Z	.175	.175	0	%100
23	M18	X	-.303	-.303	0	%100
24	M18	Z	.175	.175	0	%100
25	M22	X	-1.735	-1.735	0	%100
26	M22	Z	1.002	1.002	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-1.735	-1.735	0	%100
30	M24	Z	1.002	1.002	0	%100
31	M74	X	-.535	-.535	0	%100
32	M74	Z	.309	.309	0	%100
33	M80	X	-2.14	-2.14	0	%100
34	M80	Z	1.236	1.236	0	%100
35	M86	X	-.535	-.535	0	%100
36	M86	Z	.309	.309	0	%100
37	MP5A	X	-3.203	-3.203	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,%]
38	MP5A	Z	1.849	1.849	0	%100
39	MP1A	X	-3.203	-3.203	0	%100
40	MP1A	Z	1.849	1.849	0	%100
41	MP2C	X	-3.203	-3.203	0	%100
42	MP2C	Z	1.849	1.849	0	%100
43	MP5C	X	-3.203	-3.203	0	%100
44	MP5C	Z	1.849	1.849	0	%100
45	MP1C	X	-3.203	-3.203	0	%100
46	MP1C	Z	1.849	1.849	0	%100
47	MP5B	X	-3.203	-3.203	0	%100
48	MP5B	Z	1.849	1.849	0	%100
49	MP1B	X	-3.203	-3.203	0	%100
50	MP1B	Z	1.849	1.849	0	%100
51	M77A	X	-3.203	-3.203	0	%100
52	M77A	Z	1.849	1.849	0	%100
53	M77B	X	-.801	-.801	0	%100
54	M77B	Z	.462	.462	0	%100
55	M78	X	-.801	-.801	0	%100
56	M78	Z	.462	.462	0	%100
57	MP3C	X	-3.203	-3.203	0	%100
58	MP3C	Z	1.849	1.849	0	%100
59	M61	X	-1.213	-1.213	0	%100
60	M61	Z	.7	.7	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-2.14	-2.14	0	%100
64	M65	Z	1.236	1.236	0	%100
65	M68	X	-.303	-.303	0	%100
66	M68	Z	.175	.175	0	%100
67	M71	X	-1.735	-1.735	0	%100
68	M71	Z	1.002	1.002	0	%100
69	M72	X	-.535	-.535	0	%100
70	M72	Z	.309	.309	0	%100
71	M75A	X	-.303	-.303	0	%100
72	M75A	Z	.175	.175	0	%100
73	M78A	X	-1.735	-1.735	0	%100
74	M78A	Z	1.002	1.002	0	%100
75	M79	X	-.535	-.535	0	%100
76	M79	Z	.309	.309	0	%100
77	M88	X	-.721	-.721	0	%100
78	M88	Z	.417	.417	0	%100
79	M89A	X	-.721	-.721	0	%100
80	M89A	Z	.417	.417	0	%100
81	M90	X	-2.886	-2.886	0	%100
82	M90	Z	1.666	1.666	0	%100
83	M105	X	-.793	-.793	0	%100
84	M105	Z	.458	.458	0	%100
85	OVP	X	-.793	-.793	0	%100
86	OVP	Z	.458	.458	0	%100
87	M119	X	-3.174	-3.174	0	%100
88	M119	Z	1.832	1.832	0	%100
89	MP2B	X	-3.203	-3.203	0	%100
90	MP2B	Z	1.849	1.849	0	%100
91	MP3B	X	-3.203	-3.203	0	%100
92	MP3B	Z	1.849	1.849	0	%100
93	MP2A	X	-3.203	-3.203	0	%100
94	MP2A	Z	1.849	1.849	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,%]
95	MP3A	X	-3.203	-3.203	0	%100
96	MP3A	Z	1.849	1.849	0	%100
97	MP4A	X	-3.54	-3.54	0	%100
98	MP4A	Z	2.044	2.044	0	%100
99	MP4C	X	-3.54	-3.54	0	%100
100	MP4C	Z	2.044	2.044	0	%100
101	MP4B	X	-3.54	-3.54	0	%100
102	MP4B	Z	2.044	2.044	0	%100
103	M139	X	-5.218	-5.218	0	%100
104	M139	Z	3.012	3.012	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-3.849	-3.849	0	%100
108	M141	Z	2.222	2.222	0	%100
109	M142	X	-3.849	-3.849	0	%100
110	M142	Z	2.222	2.222	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-5.264	-5.264	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-5.264	-5.264	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-5.264	-5.264	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-5.264	-5.264	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-5.219	-5.219	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-5.219	-5.219	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-1.05	-1.05	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-1.05	-1.05	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-2.671	-2.671	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-.668	-.668	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,%]
28	M23	Z	0	0	0	%100
29	M24	X	-.668	-.668	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	-1.853	-1.853	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-1.853	-1.853	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-3.698	-3.698	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	-3.698	-3.698	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	-3.698	-3.698	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	-3.698	-3.698	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	-3.698	-3.698	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	-3.698	-3.698	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	-3.698	-3.698	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	-2.774	-2.774	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-2.774	-2.774	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	-3.698	-3.698	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	-1.05	-1.05	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-.668	-.668	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-1.853	-1.853	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-1.05	-1.05	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-.668	-.668	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-1.853	-1.853	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	-2.671	-2.671	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	-2.499	-2.499	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	-2.499	-2.499	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-2.749	-2.749	0	%100
84	M105	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,%]
85	OVP	X	0	0	0	%100
86	OVP	Z	0	0	0	%100
87	M119	X	-2.749	-2.749	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-3.698	-3.698	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	-3.698	-3.698	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	-3.698	-3.698	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-3.698	-3.698	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-4.088	-4.088	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	-4.088	-4.088	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	-4.088	-4.088	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	-4.519	-4.519	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-.834	-.834	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-4.445	-4.445	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	-4.445	-4.445	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	-.442	-.442	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	-.442	-.442	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	-.442	-.442	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	-.442	-.442	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	-.442	-.442	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.52	-1.52	0	%100
2	M1	Z	-.877	-.877	0	%100
3	M2	X	-1.52	-1.52	0	%100
4	M2	Z	-.877	-.877	0	%100
5	M3	X	-1.52	-1.52	0	%100
6	M3	Z	-.877	-.877	0	%100
7	M4	X	-1.52	-1.52	0	%100
8	M4	Z	-.877	-.877	0	%100
9	M5	X	-6.078	-6.078	0	%100
10	M5	Z	-3.509	-3.509	0	%100
11	M6	X	-6.078	-6.078	0	%100
12	M6	Z	-3.509	-3.509	0	%100
13	M7	X	-1.506	-1.506	0	%100
14	M7	Z	-.87	-.87	0	%100
15	M8	X	-1.506	-1.506	0	%100
16	M8	Z	-.87	-.87	0	%100
17	M9	X	-6.026	-6.026	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,%]
18	M9	Z	-3.479	-3.479	0	%100
19	M13	X	-.303	-.303	0	%100
20	M13	Z	-.175	-.175	0	%100
21	M14A	X	-1.213	-1.213	0	%100
22	M14A	Z	-.7	-.7	0	%100
23	M18	X	-.303	-.303	0	%100
24	M18	Z	-.175	-.175	0	%100
25	M22	X	-1.735	-1.735	0	%100
26	M22	Z	-1.002	-1.002	0	%100
27	M23	X	-1.735	-1.735	0	%100
28	M23	Z	-1.002	-1.002	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	-.535	-.535	0	%100
32	M74	Z	-.309	-.309	0	%100
33	M80	X	-.535	-.535	0	%100
34	M80	Z	-.309	-.309	0	%100
35	M86	X	-2.14	-2.14	0	%100
36	M86	Z	-1.236	-1.236	0	%100
37	MP5A	X	-3.203	-3.203	0	%100
38	MP5A	Z	-1.849	-1.849	0	%100
39	MP1A	X	-3.203	-3.203	0	%100
40	MP1A	Z	-1.849	-1.849	0	%100
41	MP2C	X	-3.203	-3.203	0	%100
42	MP2C	Z	-1.849	-1.849	0	%100
43	MP5C	X	-3.203	-3.203	0	%100
44	MP5C	Z	-1.849	-1.849	0	%100
45	MP1C	X	-3.203	-3.203	0	%100
46	MP1C	Z	-1.849	-1.849	0	%100
47	MP5B	X	-3.203	-3.203	0	%100
48	MP5B	Z	-1.849	-1.849	0	%100
49	MP1B	X	-3.203	-3.203	0	%100
50	MP1B	Z	-1.849	-1.849	0	%100
51	M77A	X	-.801	-.801	0	%100
52	M77A	Z	-.462	-.462	0	%100
53	M77B	X	-3.203	-3.203	0	%100
54	M77B	Z	-1.849	-1.849	0	%100
55	M78	X	-.801	-.801	0	%100
56	M78	Z	-.462	-.462	0	%100
57	MP3C	X	-3.203	-3.203	0	%100
58	MP3C	Z	-1.849	-1.849	0	%100
59	M61	X	-.303	-.303	0	%100
60	M61	Z	-.175	-.175	0	%100
61	M64	X	-1.735	-1.735	0	%100
62	M64	Z	-1.002	-1.002	0	%100
63	M65	X	-.535	-.535	0	%100
64	M65	Z	-.309	-.309	0	%100
65	M68	X	-1.213	-1.213	0	%100
66	M68	Z	-.7	-.7	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-2.14	-2.14	0	%100
70	M72	Z	-1.236	-1.236	0	%100
71	M75A	X	-.303	-.303	0	%100
72	M75A	Z	-.175	-.175	0	%100
73	M78A	X	-1.735	-1.735	0	%100
74	M78A	Z	-1.002	-1.002	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,%]
75	M79	X	-.535	-.535	0	%100
76	M79	Z	-.309	-.309	0	%100
77	M88	X	-2.886	-2.886	0	%100
78	M88	Z	-1.666	-1.666	0	%100
79	M89A	X	-.721	-.721	0	%100
80	M89A	Z	-.417	-.417	0	%100
81	M90	X	-.721	-.721	0	%100
82	M90	Z	-.417	-.417	0	%100
83	M105	X	-3.174	-3.174	0	%100
84	M105	Z	-1.832	-1.832	0	%100
85	OVP	X	-.793	-.793	0	%100
86	OVP	Z	-.458	-.458	0	%100
87	M119	X	-.793	-.793	0	%100
88	M119	Z	-.458	-.458	0	%100
89	MP2B	X	-3.203	-3.203	0	%100
90	MP2B	Z	-1.849	-1.849	0	%100
91	MP3B	X	-3.203	-3.203	0	%100
92	MP3B	Z	-1.849	-1.849	0	%100
93	MP2A	X	-3.203	-3.203	0	%100
94	MP2A	Z	-1.849	-1.849	0	%100
95	MP3A	X	-3.203	-3.203	0	%100
96	MP3A	Z	-1.849	-1.849	0	%100
97	MP4A	X	-3.54	-3.54	0	%100
98	MP4A	Z	-2.044	-2.044	0	%100
99	MP4C	X	-3.54	-3.54	0	%100
100	MP4C	Z	-2.044	-2.044	0	%100
101	MP4B	X	-3.54	-3.54	0	%100
102	MP4B	Z	-2.044	-2.044	0	%100
103	M139	X	-1.304	-1.304	0	%100
104	M139	Z	-.753	-.753	0	%100
105	M140	X	-2.167	-2.167	0	%100
106	M140	Z	-1.251	-1.251	0	%100
107	M141	X	-3.849	-3.849	0	%100
108	M141	Z	-2.222	-2.222	0	%100
109	M142	X	-3.849	-3.849	0	%100
110	M142	Z	-2.222	-2.222	0	%100
111	M143	X	-1.148	-1.148	0	%100
112	M143	Z	-.663	-.663	0	%100
113	M144	X	-1.148	-1.148	0	%100
114	M144	Z	-.663	-.663	0	%100
115	M145	X	-1.148	-1.148	0	%100
116	M145	Z	-.663	-.663	0	%100
117	M146	X	-1.148	-1.148	0	%100
118	M146	Z	-.663	-.663	0	%100
119	M147	X	-1.148	-1.148	0	%100
120	M147	Z	-.663	-.663	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.632	-2.632	0	%100
2	M1	Z	-4.559	-4.559	0	%100
3	M2	X	-2.632	-2.632	0	%100
4	M2	Z	-4.559	-4.559	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M4	Z	0	0	0	%100
9	M5	X	-2.632	-2.632	0	%100
10	M5	Z	-4.559	-4.559	0	%100
11	M6	X	-2.632	-2.632	0	%100
12	M6	Z	-4.559	-4.559	0	%100
13	M7	X	-2.609	-2.609	0	%100
14	M7	Z	-4.519	-4.519	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-2.609	-2.609	0	%100
18	M9	Z	-4.519	-4.519	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.525	-.525	0	%100
22	M14A	Z	-.91	-.91	0	%100
23	M18	X	-.525	-.525	0	%100
24	M18	Z	-.91	-.91	0	%100
25	M22	X	-.334	-.334	0	%100
26	M22	Z	-.578	-.578	0	%100
27	M23	X	-1.335	-1.335	0	%100
28	M23	Z	-2.313	-2.313	0	%100
29	M24	X	-.334	-.334	0	%100
30	M24	Z	-.578	-.578	0	%100
31	M74	X	-.927	-.927	0	%100
32	M74	Z	-1.605	-1.605	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-.927	-.927	0	%100
36	M86	Z	-1.605	-1.605	0	%100
37	MP5A	X	-1.849	-1.849	0	%100
38	MP5A	Z	-3.203	-3.203	0	%100
39	MP1A	X	-1.849	-1.849	0	%100
40	MP1A	Z	-3.203	-3.203	0	%100
41	MP2C	X	-1.849	-1.849	0	%100
42	MP2C	Z	-3.203	-3.203	0	%100
43	MP5C	X	-1.849	-1.849	0	%100
44	MP5C	Z	-3.203	-3.203	0	%100
45	MP1C	X	-1.849	-1.849	0	%100
46	MP1C	Z	-3.203	-3.203	0	%100
47	MP5B	X	-1.849	-1.849	0	%100
48	MP5B	Z	-3.203	-3.203	0	%100
49	MP1B	X	-1.849	-1.849	0	%100
50	MP1B	Z	-3.203	-3.203	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-1.387	-1.387	0	%100
54	M77B	Z	-2.402	-2.402	0	%100
55	M78	X	-1.387	-1.387	0	%100
56	M78	Z	-2.402	-2.402	0	%100
57	MP3C	X	-1.849	-1.849	0	%100
58	MP3C	Z	-3.203	-3.203	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-1.335	-1.335	0	%100
62	M64	Z	-2.313	-2.313	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M68	X	-.525	-.525	0	%100
66	M68	Z	-.91	-.91	0	%100
67	M71	X	-.334	-.334	0	%100
68	M71	Z	-.578	-.578	0	%100
69	M72	X	-.927	-.927	0	%100
70	M72	Z	-1.605	-1.605	0	%100
71	M75A	X	-.525	-.525	0	%100
72	M75A	Z	-.91	-.91	0	%100
73	M78A	X	-.334	-.334	0	%100
74	M78A	Z	-.578	-.578	0	%100
75	M79	X	-.927	-.927	0	%100
76	M79	Z	-1.605	-1.605	0	%100
77	M88	X	-1.25	-1.25	0	%100
78	M88	Z	-2.164	-2.164	0	%100
79	M89A	X	-1.25	-1.25	0	%100
80	M89A	Z	-2.164	-2.164	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-1.374	-1.374	0	%100
84	M105	Z	-2.38	-2.38	0	%100
85	OVP	X	-1.374	-1.374	0	%100
86	OVP	Z	-2.38	-2.38	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-1.849	-1.849	0	%100
90	MP2B	Z	-3.203	-3.203	0	%100
91	MP3B	X	-1.849	-1.849	0	%100
92	MP3B	Z	-3.203	-3.203	0	%100
93	MP2A	X	-1.849	-1.849	0	%100
94	MP2A	Z	-3.203	-3.203	0	%100
95	MP3A	X	-1.849	-1.849	0	%100
96	MP3A	Z	-3.203	-3.203	0	%100
97	MP4A	X	-2.044	-2.044	0	%100
98	MP4A	Z	-3.54	-3.54	0	%100
99	MP4C	X	-2.044	-2.044	0	%100
100	MP4C	Z	-3.54	-3.54	0	%100
101	MP4B	X	-2.044	-2.044	0	%100
102	MP4B	Z	-3.54	-3.54	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-1.668	-1.668	0	%100
106	M140	Z	-2.889	-2.889	0	%100
107	M141	X	-2.222	-2.222	0	%100
108	M141	Z	-3.849	-3.849	0	%100
109	M142	X	-2.222	-2.222	0	%100
110	M142	Z	-3.849	-3.849	0	%100
111	M143	X	-.884	-.884	0	%100
112	M143	Z	-1.531	-1.531	0	%100
113	M144	X	-.884	-.884	0	%100
114	M144	Z	-1.531	-1.531	0	%100
115	M145	X	-.884	-.884	0	%100
116	M145	Z	-1.531	-1.531	0	%100
117	M146	X	-.884	-.884	0	%100
118	M146	Z	-1.531	-1.531	0	%100
119	M147	X	-.884	-.884	0	%100
120	M147	Z	-1.531	-1.531	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.861	-1.861	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.861	-1.861	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.465	-.465	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.465	-.465	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.465	-.465	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-.465	-.465	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.839	-1.839	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.46	-.46	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-.46	-.46	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.026	-.026	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.026	-.026	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-.105	-.105	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-.383	-.383	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-.383	-.383	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	-.439	-.439	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	-.11	-.11	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	-.11	-.11	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	-.666	-.666	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-.666	-.666	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	-.666	-.666	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	-.666	-.666	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-.666	-.666	0	%100
47	MP5B	X	0	0	0	%100
48	MP5B	Z	-.666	-.666	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	-.666	-.666	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	-.166	-.166	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	-.166	-.166	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-.666	-.666	0	%100
57	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	-.666	-.666	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	-.026	-.026	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	-.383	-.383	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-.11	-.11	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	-.026	-.026	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	-.383	-.383	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	-.11	-.11	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	-.105	-.105	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	-.439	-.439	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-.193	-.193	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	-.773	-.773	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	-.193	-.193	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	-.165	-.165	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	-.66	-.66	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	-.165	-.165	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	-.666	-.666	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	-.666	-.666	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	-.666	-.666	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	-.666	-.666	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	-.806	-.806	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-.806	-.806	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	-.806	-.806	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	-.408	-.408	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	-.543	-.543	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	-.934	-.934	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	-.934	-.934	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	-.147	-.147	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	-.147	-.147	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,%]
115	M145	X	0	0	0	%100
116	M145	Z	-.147	-.147	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	-.147	-.147	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	-.147	-.147	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.698	.698	0	%100
2	M1	Z	-1.209	-1.209	0	%100
3	M2	X	.698	.698	0	%100
4	M2	Z	-1.209	-1.209	0	%100
5	M3	X	.698	.698	0	%100
6	M3	Z	-1.209	-1.209	0	%100
7	M4	X	.698	.698	0	%100
8	M4	Z	-1.209	-1.209	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.69	.69	0	%100
14	M7	Z	-1.195	-1.195	0	%100
15	M8	X	.69	.69	0	%100
16	M8	Z	-1.195	-1.195	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.039	.039	0	%100
20	M13	Z	-.068	-.068	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.039	.039	0	%100
24	M18	Z	-.068	-.068	0	%100
25	M22	X	.064	.064	0	%100
26	M22	Z	-.111	-.111	0	%100
27	M23	X	.064	.064	0	%100
28	M23	Z	-.111	-.111	0	%100
29	M24	X	.255	.255	0	%100
30	M24	Z	-.442	-.442	0	%100
31	M74	X	.165	.165	0	%100
32	M74	Z	-.285	-.285	0	%100
33	M80	X	.165	.165	0	%100
34	M80	Z	-.285	-.285	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	.333	.333	0	%100
38	MP5A	Z	-.577	-.577	0	%100
39	MP1A	X	.333	.333	0	%100
40	MP1A	Z	-.577	-.577	0	%100
41	MP2C	X	.333	.333	0	%100
42	MP2C	Z	-.577	-.577	0	%100
43	MP5C	X	.333	.333	0	%100
44	MP5C	Z	-.577	-.577	0	%100
45	MP1C	X	.333	.333	0	%100
46	MP1C	Z	-.577	-.577	0	%100
47	MP5B	X	.333	.333	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,%]
48	MP5B	Z	-.577	-.577	0	%100
49	MP1B	X	.333	.333	0	%100
50	MP1B	Z	-.577	-.577	0	%100
51	M77A	X	.25	.25	0	%100
52	M77A	Z	-.432	-.432	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	.25	.25	0	%100
56	M78	Z	-.432	-.432	0	%100
57	MP3C	X	.333	.333	0	%100
58	MP3C	Z	-.577	-.577	0	%100
59	M61	X	.039	.039	0	%100
60	M61	Z	-.068	-.068	0	%100
61	M64	X	.064	.064	0	%100
62	M64	Z	-.111	-.111	0	%100
63	M65	X	.165	.165	0	%100
64	M65	Z	-.285	-.285	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	.255	.255	0	%100
68	M71	Z	-.442	-.442	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	.039	.039	0	%100
72	M75A	Z	-.068	-.068	0	%100
73	M78A	X	.064	.064	0	%100
74	M78A	Z	-.111	-.111	0	%100
75	M79	X	.165	.165	0	%100
76	M79	Z	-.285	-.285	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	.29	.29	0	%100
80	M89A	Z	-.502	-.502	0	%100
81	M90	X	.29	.29	0	%100
82	M90	Z	-.502	-.502	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	OVP	X	.247	.247	0	%100
86	OVP	Z	-.428	-.428	0	%100
87	M119	X	.247	.247	0	%100
88	M119	Z	-.428	-.428	0	%100
89	MP2B	X	.333	.333	0	%100
90	MP2B	Z	-.577	-.577	0	%100
91	MP3B	X	.333	.333	0	%100
92	MP3B	Z	-.577	-.577	0	%100
93	MP2A	X	.333	.333	0	%100
94	MP2A	Z	-.577	-.577	0	%100
95	MP3A	X	.333	.333	0	%100
96	MP3A	Z	-.577	-.577	0	%100
97	MP4A	X	.403	.403	0	%100
98	MP4A	Z	-.698	-.698	0	%100
99	MP4C	X	.403	.403	0	%100
100	MP4C	Z	-.698	-.698	0	%100
101	MP4B	X	.403	.403	0	%100
102	MP4B	Z	-.698	-.698	0	%100
103	M139	X	.612	.612	0	%100
104	M139	Z	-1.06	-1.06	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,%]
105	M140	X	.091	.091	0	%100
106	M140	Z	-.157	-.157	0	%100
107	M141	X	.467	.467	0	%100
108	M141	Z	-.809	-.809	0	%100
109	M142	X	.467	.467	0	%100
110	M142	Z	-.809	-.809	0	%100
111	M143	X	.024	.024	0	%100
112	M143	Z	-.042	-.042	0	%100
113	M144	X	.024	.024	0	%100
114	M144	Z	-.042	-.042	0	%100
115	M145	X	.024	.024	0	%100
116	M145	Z	-.042	-.042	0	%100
117	M146	X	.024	.024	0	%100
118	M146	Z	-.042	-.042	0	%100
119	M147	X	.024	.024	0	%100
120	M147	Z	-.042	-.042	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.403	.403	0	%100
2	M1	Z	-.233	-.233	0	%100
3	M2	X	.403	.403	0	%100
4	M2	Z	-.233	-.233	0	%100
5	M3	X	1.612	1.612	0	%100
6	M3	Z	-.931	-.931	0	%100
7	M4	X	1.612	1.612	0	%100
8	M4	Z	-.931	-.931	0	%100
9	M5	X	.403	.403	0	%100
10	M5	Z	-.233	-.233	0	%100
11	M6	X	.403	.403	0	%100
12	M6	Z	-.233	-.233	0	%100
13	M7	X	.398	.398	0	%100
14	M7	Z	-.23	-.23	0	%100
15	M8	X	1.593	1.593	0	%100
16	M8	Z	-.92	-.92	0	%100
17	M9	X	.398	.398	0	%100
18	M9	Z	-.23	-.23	0	%100
19	M13	X	.091	.091	0	%100
20	M13	Z	-.053	-.053	0	%100
21	M14A	X	.023	.023	0	%100
22	M14A	Z	-.013	-.013	0	%100
23	M18	X	.023	.023	0	%100
24	M18	Z	-.013	-.013	0	%100
25	M22	X	.332	.332	0	%100
26	M22	Z	-.191	-.191	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	.332	.332	0	%100
30	M24	Z	-.191	-.191	0	%100
31	M74	X	.095	.095	0	%100
32	M74	Z	-.055	-.055	0	%100
33	M80	X	.38	.38	0	%100
34	M80	Z	-.219	-.219	0	%100
35	M86	X	.095	.095	0	%100
36	M86	Z	-.055	-.055	0	%100
37	MP5A	X	.577	.577	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,%]
38	MP5A	Z	-.333	-.333	0	%100
39	MP1A	X	.577	.577	0	%100
40	MP1A	Z	-.333	-.333	0	%100
41	MP2C	X	.577	.577	0	%100
42	MP2C	Z	-.333	-.333	0	%100
43	MP5C	X	.577	.577	0	%100
44	MP5C	Z	-.333	-.333	0	%100
45	MP1C	X	.577	.577	0	%100
46	MP1C	Z	-.333	-.333	0	%100
47	MP5B	X	.577	.577	0	%100
48	MP5B	Z	-.333	-.333	0	%100
49	MP1B	X	.577	.577	0	%100
50	MP1B	Z	-.333	-.333	0	%100
51	M77A	X	.577	.577	0	%100
52	M77A	Z	-.333	-.333	0	%100
53	M77B	X	.144	.144	0	%100
54	M77B	Z	-.083	-.083	0	%100
55	M78	X	.144	.144	0	%100
56	M78	Z	-.083	-.083	0	%100
57	MP3C	X	.577	.577	0	%100
58	MP3C	Z	-.333	-.333	0	%100
59	M61	X	.091	.091	0	%100
60	M61	Z	-.053	-.053	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	.38	.38	0	%100
64	M65	Z	-.219	-.219	0	%100
65	M68	X	.023	.023	0	%100
66	M68	Z	-.013	-.013	0	%100
67	M71	X	.332	.332	0	%100
68	M71	Z	-.191	-.191	0	%100
69	M72	X	.095	.095	0	%100
70	M72	Z	-.055	-.055	0	%100
71	M75A	X	.023	.023	0	%100
72	M75A	Z	-.013	-.013	0	%100
73	M78A	X	.332	.332	0	%100
74	M78A	Z	-.191	-.191	0	%100
75	M79	X	.095	.095	0	%100
76	M79	Z	-.055	-.055	0	%100
77	M88	X	.167	.167	0	%100
78	M88	Z	-.097	-.097	0	%100
79	M89A	X	.167	.167	0	%100
80	M89A	Z	-.097	-.097	0	%100
81	M90	X	.67	.67	0	%100
82	M90	Z	-.387	-.387	0	%100
83	M105	X	.143	.143	0	%100
84	M105	Z	-.082	-.082	0	%100
85	OVP	X	.143	.143	0	%100
86	OVP	Z	-.082	-.082	0	%100
87	M119	X	.571	.571	0	%100
88	M119	Z	-.33	-.33	0	%100
89	MP2B	X	.577	.577	0	%100
90	MP2B	Z	-.333	-.333	0	%100
91	MP3B	X	.577	.577	0	%100
92	MP3B	Z	-.333	-.333	0	%100
93	MP2A	X	.577	.577	0	%100
94	MP2A	Z	-.333	-.333	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,%]
95	MP3A	X	.577	.577	0	%100
96	MP3A	Z	-.333	-.333	0	%100
97	MP4A	X	.698	.698	0	%100
98	MP4A	Z	-.403	-.403	0	%100
99	MP4C	X	.698	.698	0	%100
100	MP4C	Z	-.403	-.403	0	%100
101	MP4B	X	.698	.698	0	%100
102	MP4B	Z	-.403	-.403	0	%100
103	M139	X	1.413	1.413	0	%100
104	M139	Z	-.816	-.816	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	.809	.809	0	%100
108	M141	Z	-.467	-.467	0	%100
109	M142	X	.809	.809	0	%100
110	M142	Z	-.467	-.467	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.396	1.396	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.396	1.396	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.396	1.396	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.396	1.396	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	1.38	1.38	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.38	1.38	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.079	.079	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.079	.079	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	.511	.511	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	.128	.128	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,%]
28	M23	Z	0	0	0	%100
29	M24	X	.128	.128	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	.329	.329	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	.329	.329	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	.666	.666	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	.666	.666	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	.666	.666	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	.666	.666	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	.666	.666	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	.666	.666	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	.666	.666	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	.499	.499	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	.499	.499	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	.666	.666	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	.079	.079	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	.128	.128	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	.329	.329	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	.079	.079	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	.128	.128	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	.329	.329	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	.511	.511	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	.58	.58	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	.58	.58	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	.495	.495	0	%100
84	M105	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,%]
85	OVP	X	0	0	0	%100
86	OVP	Z	0	0	0	%100
87	M119	X	.495	.495	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	.666	.666	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	.666	.666	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	.666	.666	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	.666	.666	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	.806	.806	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	.806	.806	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	.806	.806	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	1.224	1.224	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	.181	.181	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	.934	.934	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	.934	.934	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	.049	.049	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	.049	.049	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	.049	.049	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	.049	.049	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	.049	.049	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.403	.403	0	%100
2	M1	Z	.233	.233	0	%100
3	M2	X	.403	.403	0	%100
4	M2	Z	.233	.233	0	%100
5	M3	X	.403	.403	0	%100
6	M3	Z	.233	.233	0	%100
7	M4	X	.403	.403	0	%100
8	M4	Z	.233	.233	0	%100
9	M5	X	1.612	1.612	0	%100
10	M5	Z	.931	.931	0	%100
11	M6	X	1.612	1.612	0	%100
12	M6	Z	.931	.931	0	%100
13	M7	X	.398	.398	0	%100
14	M7	Z	.23	.23	0	%100
15	M8	X	.398	.398	0	%100
16	M8	Z	.23	.23	0	%100
17	M9	X	1.593	1.593	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,%]
18	M9	Z	.92	.92	0	%100
19	M13	X	.023	.023	0	%100
20	M13	Z	.013	.013	0	%100
21	M14A	X	.091	.091	0	%100
22	M14A	Z	.053	.053	0	%100
23	M18	X	.023	.023	0	%100
24	M18	Z	.013	.013	0	%100
25	M22	X	.332	.332	0	%100
26	M22	Z	.191	.191	0	%100
27	M23	X	.332	.332	0	%100
28	M23	Z	.191	.191	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	.095	.095	0	%100
32	M74	Z	.055	.055	0	%100
33	M80	X	.095	.095	0	%100
34	M80	Z	.055	.055	0	%100
35	M86	X	.38	.38	0	%100
36	M86	Z	.219	.219	0	%100
37	MP5A	X	.577	.577	0	%100
38	MP5A	Z	.333	.333	0	%100
39	MP1A	X	.577	.577	0	%100
40	MP1A	Z	.333	.333	0	%100
41	MP2C	X	.577	.577	0	%100
42	MP2C	Z	.333	.333	0	%100
43	MP5C	X	.577	.577	0	%100
44	MP5C	Z	.333	.333	0	%100
45	MP1C	X	.577	.577	0	%100
46	MP1C	Z	.333	.333	0	%100
47	MP5B	X	.577	.577	0	%100
48	MP5B	Z	.333	.333	0	%100
49	MP1B	X	.577	.577	0	%100
50	MP1B	Z	.333	.333	0	%100
51	M77A	X	.144	.144	0	%100
52	M77A	Z	.083	.083	0	%100
53	M77B	X	.577	.577	0	%100
54	M77B	Z	.333	.333	0	%100
55	M78	X	.144	.144	0	%100
56	M78	Z	.083	.083	0	%100
57	MP3C	X	.577	.577	0	%100
58	MP3C	Z	.333	.333	0	%100
59	M61	X	.023	.023	0	%100
60	M61	Z	.013	.013	0	%100
61	M64	X	.332	.332	0	%100
62	M64	Z	.191	.191	0	%100
63	M65	X	.095	.095	0	%100
64	M65	Z	.055	.055	0	%100
65	M68	X	.091	.091	0	%100
66	M68	Z	.053	.053	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	.38	.38	0	%100
70	M72	Z	.219	.219	0	%100
71	M75A	X	.023	.023	0	%100
72	M75A	Z	.013	.013	0	%100
73	M78A	X	.332	.332	0	%100
74	M78A	Z	.191	.191	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,%]
75	M79	X	.095	.095	0	%100
76	M79	Z	.055	.055	0	%100
77	M88	X	.67	.67	0	%100
78	M88	Z	.387	.387	0	%100
79	M89A	X	.167	.167	0	%100
80	M89A	Z	.097	.097	0	%100
81	M90	X	.167	.167	0	%100
82	M90	Z	.097	.097	0	%100
83	M105	X	.571	.571	0	%100
84	M105	Z	.33	.33	0	%100
85	OVP	X	.143	.143	0	%100
86	OVP	Z	.082	.082	0	%100
87	M119	X	.143	.143	0	%100
88	M119	Z	.082	.082	0	%100
89	MP2B	X	.577	.577	0	%100
90	MP2B	Z	.333	.333	0	%100
91	MP3B	X	.577	.577	0	%100
92	MP3B	Z	.333	.333	0	%100
93	MP2A	X	.577	.577	0	%100
94	MP2A	Z	.333	.333	0	%100
95	MP3A	X	.577	.577	0	%100
96	MP3A	Z	.333	.333	0	%100
97	MP4A	X	.698	.698	0	%100
98	MP4A	Z	.403	.403	0	%100
99	MP4C	X	.698	.698	0	%100
100	MP4C	Z	.403	.403	0	%100
101	MP4B	X	.698	.698	0	%100
102	MP4B	Z	.403	.403	0	%100
103	M139	X	.353	.353	0	%100
104	M139	Z	.204	.204	0	%100
105	M140	X	.47	.47	0	%100
106	M140	Z	.272	.272	0	%100
107	M141	X	.809	.809	0	%100
108	M141	Z	.467	.467	0	%100
109	M142	X	.809	.809	0	%100
110	M142	Z	.467	.467	0	%100
111	M143	X	.127	.127	0	%100
112	M143	Z	.073	.073	0	%100
113	M144	X	.127	.127	0	%100
114	M144	Z	.073	.073	0	%100
115	M145	X	.127	.127	0	%100
116	M145	Z	.073	.073	0	%100
117	M146	X	.127	.127	0	%100
118	M146	Z	.073	.073	0	%100
119	M147	X	.127	.127	0	%100
120	M147	Z	.073	.073	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.698	.698	0	%100
2	M1	Z	1.209	1.209	0	%100
3	M2	X	.698	.698	0	%100
4	M2	Z	1.209	1.209	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M4	Z	0	0	0	%100
9	M5	X	.698	.698	0	%100
10	M5	Z	1.209	1.209	0	%100
11	M6	X	.698	.698	0	%100
12	M6	Z	1.209	1.209	0	%100
13	M7	X	.69	.69	0	%100
14	M7	Z	1.195	1.195	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.69	.69	0	%100
18	M9	Z	1.195	1.195	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.039	.039	0	%100
22	M14A	Z	.068	.068	0	%100
23	M18	X	.039	.039	0	%100
24	M18	Z	.068	.068	0	%100
25	M22	X	.064	.064	0	%100
26	M22	Z	.111	.111	0	%100
27	M23	X	.255	.255	0	%100
28	M23	Z	.442	.442	0	%100
29	M24	X	.064	.064	0	%100
30	M24	Z	.111	.111	0	%100
31	M74	X	.165	.165	0	%100
32	M74	Z	.285	.285	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	.165	.165	0	%100
36	M86	Z	.285	.285	0	%100
37	MP5A	X	.333	.333	0	%100
38	MP5A	Z	.577	.577	0	%100
39	MP1A	X	.333	.333	0	%100
40	MP1A	Z	.577	.577	0	%100
41	MP2C	X	.333	.333	0	%100
42	MP2C	Z	.577	.577	0	%100
43	MP5C	X	.333	.333	0	%100
44	MP5C	Z	.577	.577	0	%100
45	MP1C	X	.333	.333	0	%100
46	MP1C	Z	.577	.577	0	%100
47	MP5B	X	.333	.333	0	%100
48	MP5B	Z	.577	.577	0	%100
49	MP1B	X	.333	.333	0	%100
50	MP1B	Z	.577	.577	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	.25	.25	0	%100
54	M77B	Z	.432	.432	0	%100
55	M78	X	.25	.25	0	%100
56	M78	Z	.432	.432	0	%100
57	MP3C	X	.333	.333	0	%100
58	MP3C	Z	.577	.577	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	.255	.255	0	%100
62	M64	Z	.442	.442	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M68	X	.039	.039	0	%100
66	M68	Z	.068	.068	0	%100
67	M71	X	.064	.064	0	%100
68	M71	Z	.111	.111	0	%100
69	M72	X	.165	.165	0	%100
70	M72	Z	.285	.285	0	%100
71	M75A	X	.039	.039	0	%100
72	M75A	Z	.068	.068	0	%100
73	M78A	X	.064	.064	0	%100
74	M78A	Z	.111	.111	0	%100
75	M79	X	.165	.165	0	%100
76	M79	Z	.285	.285	0	%100
77	M88	X	.29	.29	0	%100
78	M88	Z	.502	.502	0	%100
79	M89A	X	.29	.29	0	%100
80	M89A	Z	.502	.502	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	.247	.247	0	%100
84	M105	Z	.428	.428	0	%100
85	OVP	X	.247	.247	0	%100
86	OVP	Z	.428	.428	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	.333	.333	0	%100
90	MP2B	Z	.577	.577	0	%100
91	MP3B	X	.333	.333	0	%100
92	MP3B	Z	.577	.577	0	%100
93	MP2A	X	.333	.333	0	%100
94	MP2A	Z	.577	.577	0	%100
95	MP3A	X	.333	.333	0	%100
96	MP3A	Z	.577	.577	0	%100
97	MP4A	X	.403	.403	0	%100
98	MP4A	Z	.698	.698	0	%100
99	MP4C	X	.403	.403	0	%100
100	MP4C	Z	.698	.698	0	%100
101	MP4B	X	.403	.403	0	%100
102	MP4B	Z	.698	.698	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	.362	.362	0	%100
106	M140	Z	.627	.627	0	%100
107	M141	X	.467	.467	0	%100
108	M141	Z	.809	.809	0	%100
109	M142	X	.467	.467	0	%100
110	M142	Z	.809	.809	0	%100
111	M143	X	.098	.098	0	%100
112	M143	Z	.17	.17	0	%100
113	M144	X	.098	.098	0	%100
114	M144	Z	.17	.17	0	%100
115	M145	X	.098	.098	0	%100
116	M145	Z	.17	.17	0	%100
117	M146	X	.098	.098	0	%100
118	M146	Z	.17	.17	0	%100
119	M147	X	.098	.098	0	%100
120	M147	Z	.17	.17	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.861	1.861	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.861	1.861	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.465	.465	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.465	.465	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.465	.465	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	.465	.465	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	1.839	1.839	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.46	.46	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	.46	.46	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.026	.026	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.026	.026	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	.105	.105	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	.383	.383	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	.383	.383	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	.439	.439	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	.11	.11	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	.11	.11	0	%100
37	MP5A	X	0	0	0	%100
38	MP5A	Z	.666	.666	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	.666	.666	0	%100
41	MP2C	X	0	0	0	%100
42	MP2C	Z	.666	.666	0	%100
43	MP5C	X	0	0	0	%100
44	MP5C	Z	.666	.666	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	.666	.666	0	%100
47	MP5B	X	0	0	0	%100
48	MP5B	Z	.666	.666	0	%100
49	MP1B	X	0	0	0	%100
50	MP1B	Z	.666	.666	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	.166	.166	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	.166	.166	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.666	.666	0	%100
57	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	MP3C	Z	.666	.666	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	.026	.026	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	.383	.383	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	.11	.11	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	.026	.026	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	.383	.383	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	.11	.11	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	.105	.105	0	%100
73	M78A	X	0	0	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	.439	.439	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	.193	.193	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	.773	.773	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	.193	.193	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	.165	.165	0	%100
85	OVP	X	0	0	0	%100
86	OVP	Z	.66	.66	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	.165	.165	0	%100
89	MP2B	X	0	0	0	%100
90	MP2B	Z	.666	.666	0	%100
91	MP3B	X	0	0	0	%100
92	MP3B	Z	.666	.666	0	%100
93	MP2A	X	0	0	0	%100
94	MP2A	Z	.666	.666	0	%100
95	MP3A	X	0	0	0	%100
96	MP3A	Z	.666	.666	0	%100
97	MP4A	X	0	0	0	%100
98	MP4A	Z	.806	.806	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	.806	.806	0	%100
101	MP4B	X	0	0	0	%100
102	MP4B	Z	.806	.806	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	.408	.408	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	.543	.543	0	%100
107	M141	X	0	0	0	%100
108	M141	Z	.934	.934	0	%100
109	M142	X	0	0	0	%100
110	M142	Z	.934	.934	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	.147	.147	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	.147	.147	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,%]
115	M145	X	0	0	0	%100
116	M145	Z	.147	.147	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	.147	.147	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	.147	.147	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.698	-.698	0	%100
2	M1	Z	1.209	1.209	0	%100
3	M2	X	-.698	-.698	0	%100
4	M2	Z	1.209	1.209	0	%100
5	M3	X	-.698	-.698	0	%100
6	M3	Z	1.209	1.209	0	%100
7	M4	X	-.698	-.698	0	%100
8	M4	Z	1.209	1.209	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.69	-.69	0	%100
14	M7	Z	1.195	1.195	0	%100
15	M8	X	-.69	-.69	0	%100
16	M8	Z	1.195	1.195	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.039	-.039	0	%100
20	M13	Z	.068	.068	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.039	-.039	0	%100
24	M18	Z	.068	.068	0	%100
25	M22	X	-.064	-.064	0	%100
26	M22	Z	.111	.111	0	%100
27	M23	X	-.064	-.064	0	%100
28	M23	Z	.111	.111	0	%100
29	M24	X	-.255	-.255	0	%100
30	M24	Z	.442	.442	0	%100
31	M74	X	-.165	-.165	0	%100
32	M74	Z	.285	.285	0	%100
33	M80	X	-.165	-.165	0	%100
34	M80	Z	.285	.285	0	%100
35	M86	X	0	0	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-.333	-.333	0	%100
38	MP5A	Z	.577	.577	0	%100
39	MP1A	X	-.333	-.333	0	%100
40	MP1A	Z	.577	.577	0	%100
41	MP2C	X	-.333	-.333	0	%100
42	MP2C	Z	.577	.577	0	%100
43	MP5C	X	-.333	-.333	0	%100
44	MP5C	Z	.577	.577	0	%100
45	MP1C	X	-.333	-.333	0	%100
46	MP1C	Z	.577	.577	0	%100
47	MP5B	X	-.333	-.333	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,%]
48	MP5B	Z	.577	.577	0	%100
49	MP1B	X	-.333	-.333	0	%100
50	MP1B	Z	.577	.577	0	%100
51	M77A	X	-.25	-.25	0	%100
52	M77A	Z	.432	.432	0	%100
53	M77B	X	0	0	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	-.25	-.25	0	%100
56	M78	Z	.432	.432	0	%100
57	MP3C	X	-.333	-.333	0	%100
58	MP3C	Z	.577	.577	0	%100
59	M61	X	-.039	-.039	0	%100
60	M61	Z	.068	.068	0	%100
61	M64	X	-.064	-.064	0	%100
62	M64	Z	.111	.111	0	%100
63	M65	X	-.165	-.165	0	%100
64	M65	Z	.285	.285	0	%100
65	M68	X	0	0	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-.255	-.255	0	%100
68	M71	Z	.442	.442	0	%100
69	M72	X	0	0	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	-.039	-.039	0	%100
72	M75A	Z	.068	.068	0	%100
73	M78A	X	-.064	-.064	0	%100
74	M78A	Z	.111	.111	0	%100
75	M79	X	-.165	-.165	0	%100
76	M79	Z	.285	.285	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	-.29	-.29	0	%100
80	M89A	Z	.502	.502	0	%100
81	M90	X	-.29	-.29	0	%100
82	M90	Z	.502	.502	0	%100
83	M105	X	0	0	0	%100
84	M105	Z	0	0	0	%100
85	OVP	X	-.247	-.247	0	%100
86	OVP	Z	.428	.428	0	%100
87	M119	X	-.247	-.247	0	%100
88	M119	Z	.428	.428	0	%100
89	MP2B	X	-.333	-.333	0	%100
90	MP2B	Z	.577	.577	0	%100
91	MP3B	X	-.333	-.333	0	%100
92	MP3B	Z	.577	.577	0	%100
93	MP2A	X	-.333	-.333	0	%100
94	MP2A	Z	.577	.577	0	%100
95	MP3A	X	-.333	-.333	0	%100
96	MP3A	Z	.577	.577	0	%100
97	MP4A	X	-.403	-.403	0	%100
98	MP4A	Z	.698	.698	0	%100
99	MP4C	X	-.403	-.403	0	%100
100	MP4C	Z	.698	.698	0	%100
101	MP4B	X	-.403	-.403	0	%100
102	MP4B	Z	.698	.698	0	%100
103	M139	X	-.612	-.612	0	%100
104	M139	Z	1.06	1.06	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,%]
105	M140	X	-.091	-.091	0	%100
106	M140	Z	.157	.157	0	%100
107	M141	X	-.467	-.467	0	%100
108	M141	Z	.809	.809	0	%100
109	M142	X	-.467	-.467	0	%100
110	M142	Z	.809	.809	0	%100
111	M143	X	-.024	-.024	0	%100
112	M143	Z	.042	.042	0	%100
113	M144	X	-.024	-.024	0	%100
114	M144	Z	.042	.042	0	%100
115	M145	X	-.024	-.024	0	%100
116	M145	Z	.042	.042	0	%100
117	M146	X	-.024	-.024	0	%100
118	M146	Z	.042	.042	0	%100
119	M147	X	-.024	-.024	0	%100
120	M147	Z	.042	.042	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.403	-.403	0	%100
2	M1	Z	.233	.233	0	%100
3	M2	X	-.403	-.403	0	%100
4	M2	Z	.233	.233	0	%100
5	M3	X	-1.612	-1.612	0	%100
6	M3	Z	.931	.931	0	%100
7	M4	X	-1.612	-1.612	0	%100
8	M4	Z	.931	.931	0	%100
9	M5	X	-.403	-.403	0	%100
10	M5	Z	.233	.233	0	%100
11	M6	X	-.403	-.403	0	%100
12	M6	Z	.233	.233	0	%100
13	M7	X	-.398	-.398	0	%100
14	M7	Z	.23	.23	0	%100
15	M8	X	-1.593	-1.593	0	%100
16	M8	Z	.92	.92	0	%100
17	M9	X	-.398	-.398	0	%100
18	M9	Z	.23	.23	0	%100
19	M13	X	-.091	-.091	0	%100
20	M13	Z	.053	.053	0	%100
21	M14A	X	-.023	-.023	0	%100
22	M14A	Z	.013	.013	0	%100
23	M18	X	-.023	-.023	0	%100
24	M18	Z	.013	.013	0	%100
25	M22	X	-.332	-.332	0	%100
26	M22	Z	.191	.191	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-.332	-.332	0	%100
30	M24	Z	.191	.191	0	%100
31	M74	X	-.095	-.095	0	%100
32	M74	Z	.055	.055	0	%100
33	M80	X	-.38	-.38	0	%100
34	M80	Z	.219	.219	0	%100
35	M86	X	-.095	-.095	0	%100
36	M86	Z	.055	.055	0	%100
37	MP5A	X	-.577	-.577	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,%]
38	MP5A	Z	.333	.333	0	%100
39	MP1A	X	-.577	-.577	0	%100
40	MP1A	Z	.333	.333	0	%100
41	MP2C	X	-.577	-.577	0	%100
42	MP2C	Z	.333	.333	0	%100
43	MP5C	X	-.577	-.577	0	%100
44	MP5C	Z	.333	.333	0	%100
45	MP1C	X	-.577	-.577	0	%100
46	MP1C	Z	.333	.333	0	%100
47	MP5B	X	-.577	-.577	0	%100
48	MP5B	Z	.333	.333	0	%100
49	MP1B	X	-.577	-.577	0	%100
50	MP1B	Z	.333	.333	0	%100
51	M77A	X	-.577	-.577	0	%100
52	M77A	Z	.333	.333	0	%100
53	M77B	X	-.144	-.144	0	%100
54	M77B	Z	.083	.083	0	%100
55	M78	X	-.144	-.144	0	%100
56	M78	Z	.083	.083	0	%100
57	MP3C	X	-.577	-.577	0	%100
58	MP3C	Z	.333	.333	0	%100
59	M61	X	-.091	-.091	0	%100
60	M61	Z	.053	.053	0	%100
61	M64	X	0	0	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-.38	-.38	0	%100
64	M65	Z	.219	.219	0	%100
65	M68	X	-.023	-.023	0	%100
66	M68	Z	.013	.013	0	%100
67	M71	X	-.332	-.332	0	%100
68	M71	Z	.191	.191	0	%100
69	M72	X	-.095	-.095	0	%100
70	M72	Z	.055	.055	0	%100
71	M75A	X	-.023	-.023	0	%100
72	M75A	Z	.013	.013	0	%100
73	M78A	X	-.332	-.332	0	%100
74	M78A	Z	.191	.191	0	%100
75	M79	X	-.095	-.095	0	%100
76	M79	Z	.055	.055	0	%100
77	M88	X	-.167	-.167	0	%100
78	M88	Z	.097	.097	0	%100
79	M89A	X	-.167	-.167	0	%100
80	M89A	Z	.097	.097	0	%100
81	M90	X	-.67	-.67	0	%100
82	M90	Z	.387	.387	0	%100
83	M105	X	-.143	-.143	0	%100
84	M105	Z	.082	.082	0	%100
85	OVP	X	-.143	-.143	0	%100
86	OVP	Z	.082	.082	0	%100
87	M119	X	-.571	-.571	0	%100
88	M119	Z	.33	.33	0	%100
89	MP2B	X	-.577	-.577	0	%100
90	MP2B	Z	.333	.333	0	%100
91	MP3B	X	-.577	-.577	0	%100
92	MP3B	Z	.333	.333	0	%100
93	MP2A	X	-.577	-.577	0	%100
94	MP2A	Z	.333	.333	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,%]
95	MP3A	X	-.577	-.577	0	%100
96	MP3A	Z	.333	.333	0	%100
97	MP4A	X	-.698	-.698	0	%100
98	MP4A	Z	.403	.403	0	%100
99	MP4C	X	-.698	-.698	0	%100
100	MP4C	Z	.403	.403	0	%100
101	MP4B	X	-.698	-.698	0	%100
102	MP4B	Z	.403	.403	0	%100
103	M139	X	-1.413	-1.413	0	%100
104	M139	Z	.816	.816	0	%100
105	M140	X	0	0	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-.809	-.809	0	%100
108	M141	Z	.467	.467	0	%100
109	M142	X	-.809	-.809	0	%100
110	M142	Z	.467	.467	0	%100
111	M143	X	0	0	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	0	0	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	0	0	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	0	0	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	0	0	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.396	-1.396	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.396	-1.396	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.396	-1.396	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.396	-1.396	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.38	-1.38	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.38	-1.38	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.079	-.079	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.079	-.079	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-.511	-.511	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-.128	-.128	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,%]
28	M23	Z	0	0	0	%100
29	M24	X	-.128	-.128	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	0	0	0	%100
32	M74	Z	0	0	0	%100
33	M80	X	-.329	-.329	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-.329	-.329	0	%100
36	M86	Z	0	0	0	%100
37	MP5A	X	-.666	-.666	0	%100
38	MP5A	Z	0	0	0	%100
39	MP1A	X	-.666	-.666	0	%100
40	MP1A	Z	0	0	0	%100
41	MP2C	X	-.666	-.666	0	%100
42	MP2C	Z	0	0	0	%100
43	MP5C	X	-.666	-.666	0	%100
44	MP5C	Z	0	0	0	%100
45	MP1C	X	-.666	-.666	0	%100
46	MP1C	Z	0	0	0	%100
47	MP5B	X	-.666	-.666	0	%100
48	MP5B	Z	0	0	0	%100
49	MP1B	X	-.666	-.666	0	%100
50	MP1B	Z	0	0	0	%100
51	M77A	X	-.499	-.499	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-.499	-.499	0	%100
54	M77B	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	MP3C	X	-.666	-.666	0	%100
58	MP3C	Z	0	0	0	%100
59	M61	X	-.079	-.079	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-.128	-.128	0	%100
62	M64	Z	0	0	0	%100
63	M65	X	-.329	-.329	0	%100
64	M65	Z	0	0	0	%100
65	M68	X	-.079	-.079	0	%100
66	M68	Z	0	0	0	%100
67	M71	X	-.128	-.128	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-.329	-.329	0	%100
70	M72	Z	0	0	0	%100
71	M75A	X	0	0	0	%100
72	M75A	Z	0	0	0	%100
73	M78A	X	-.511	-.511	0	%100
74	M78A	Z	0	0	0	%100
75	M79	X	0	0	0	%100
76	M79	Z	0	0	0	%100
77	M88	X	-.58	-.58	0	%100
78	M88	Z	0	0	0	%100
79	M89A	X	0	0	0	%100
80	M89A	Z	0	0	0	%100
81	M90	X	-.58	-.58	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-.495	-.495	0	%100
84	M105	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,%]
85	OVP	X	0	0	0	%100
86	OVP	Z	0	0	0	%100
87	M119	X	-.495	-.495	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-.666	-.666	0	%100
90	MP2B	Z	0	0	0	%100
91	MP3B	X	-.666	-.666	0	%100
92	MP3B	Z	0	0	0	%100
93	MP2A	X	-.666	-.666	0	%100
94	MP2A	Z	0	0	0	%100
95	MP3A	X	-.666	-.666	0	%100
96	MP3A	Z	0	0	0	%100
97	MP4A	X	-.806	-.806	0	%100
98	MP4A	Z	0	0	0	%100
99	MP4C	X	-.806	-.806	0	%100
100	MP4C	Z	0	0	0	%100
101	MP4B	X	-.806	-.806	0	%100
102	MP4B	Z	0	0	0	%100
103	M139	X	-1.224	-1.224	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-.181	-.181	0	%100
106	M140	Z	0	0	0	%100
107	M141	X	-.934	-.934	0	%100
108	M141	Z	0	0	0	%100
109	M142	X	-.934	-.934	0	%100
110	M142	Z	0	0	0	%100
111	M143	X	-.049	-.049	0	%100
112	M143	Z	0	0	0	%100
113	M144	X	-.049	-.049	0	%100
114	M144	Z	0	0	0	%100
115	M145	X	-.049	-.049	0	%100
116	M145	Z	0	0	0	%100
117	M146	X	-.049	-.049	0	%100
118	M146	Z	0	0	0	%100
119	M147	X	-.049	-.049	0	%100
120	M147	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.403	-.403	0	%100
2	M1	Z	-.233	-.233	0	%100
3	M2	X	-.403	-.403	0	%100
4	M2	Z	-.233	-.233	0	%100
5	M3	X	-.403	-.403	0	%100
6	M3	Z	-.233	-.233	0	%100
7	M4	X	-.403	-.403	0	%100
8	M4	Z	-.233	-.233	0	%100
9	M5	X	-1.612	-1.612	0	%100
10	M5	Z	-.931	-.931	0	%100
11	M6	X	-1.612	-1.612	0	%100
12	M6	Z	-.931	-.931	0	%100
13	M7	X	-.398	-.398	0	%100
14	M7	Z	-.23	-.23	0	%100
15	M8	X	-.398	-.398	0	%100
16	M8	Z	-.23	-.23	0	%100
17	M9	X	-1.593	-1.593	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,%]
18	M9	Z	-.92	-.92	0	%100
19	M13	X	-.023	-.023	0	%100
20	M13	Z	-.013	-.013	0	%100
21	M14A	X	-.091	-.091	0	%100
22	M14A	Z	-.053	-.053	0	%100
23	M18	X	-.023	-.023	0	%100
24	M18	Z	-.013	-.013	0	%100
25	M22	X	-.332	-.332	0	%100
26	M22	Z	-.191	-.191	0	%100
27	M23	X	-.332	-.332	0	%100
28	M23	Z	-.191	-.191	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M74	X	-.095	-.095	0	%100
32	M74	Z	-.055	-.055	0	%100
33	M80	X	-.095	-.095	0	%100
34	M80	Z	-.055	-.055	0	%100
35	M86	X	-.38	-.38	0	%100
36	M86	Z	-.219	-.219	0	%100
37	MP5A	X	-.577	-.577	0	%100
38	MP5A	Z	-.333	-.333	0	%100
39	MP1A	X	-.577	-.577	0	%100
40	MP1A	Z	-.333	-.333	0	%100
41	MP2C	X	-.577	-.577	0	%100
42	MP2C	Z	-.333	-.333	0	%100
43	MP5C	X	-.577	-.577	0	%100
44	MP5C	Z	-.333	-.333	0	%100
45	MP1C	X	-.577	-.577	0	%100
46	MP1C	Z	-.333	-.333	0	%100
47	MP5B	X	-.577	-.577	0	%100
48	MP5B	Z	-.333	-.333	0	%100
49	MP1B	X	-.577	-.577	0	%100
50	MP1B	Z	-.333	-.333	0	%100
51	M77A	X	-.144	-.144	0	%100
52	M77A	Z	-.083	-.083	0	%100
53	M77B	X	-.577	-.577	0	%100
54	M77B	Z	-.333	-.333	0	%100
55	M78	X	-.144	-.144	0	%100
56	M78	Z	-.083	-.083	0	%100
57	MP3C	X	-.577	-.577	0	%100
58	MP3C	Z	-.333	-.333	0	%100
59	M61	X	-.023	-.023	0	%100
60	M61	Z	-.013	-.013	0	%100
61	M64	X	-.332	-.332	0	%100
62	M64	Z	-.191	-.191	0	%100
63	M65	X	-.095	-.095	0	%100
64	M65	Z	-.055	-.055	0	%100
65	M68	X	-.091	-.091	0	%100
66	M68	Z	-.053	-.053	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M72	X	-.38	-.38	0	%100
70	M72	Z	-.219	-.219	0	%100
71	M75A	X	-.023	-.023	0	%100
72	M75A	Z	-.013	-.013	0	%100
73	M78A	X	-.332	-.332	0	%100
74	M78A	Z	-.191	-.191	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,%]
75	M79	X	-.095	-.095	0	%100
76	M79	Z	-.055	-.055	0	%100
77	M88	X	-.67	-.67	0	%100
78	M88	Z	-.387	-.387	0	%100
79	M89A	X	-.167	-.167	0	%100
80	M89A	Z	-.097	-.097	0	%100
81	M90	X	-.167	-.167	0	%100
82	M90	Z	-.097	-.097	0	%100
83	M105	X	-.571	-.571	0	%100
84	M105	Z	-.33	-.33	0	%100
85	OVP	X	-.143	-.143	0	%100
86	OVP	Z	-.082	-.082	0	%100
87	M119	X	-.143	-.143	0	%100
88	M119	Z	-.082	-.082	0	%100
89	MP2B	X	-.577	-.577	0	%100
90	MP2B	Z	-.333	-.333	0	%100
91	MP3B	X	-.577	-.577	0	%100
92	MP3B	Z	-.333	-.333	0	%100
93	MP2A	X	-.577	-.577	0	%100
94	MP2A	Z	-.333	-.333	0	%100
95	MP3A	X	-.577	-.577	0	%100
96	MP3A	Z	-.333	-.333	0	%100
97	MP4A	X	-.698	-.698	0	%100
98	MP4A	Z	-.403	-.403	0	%100
99	MP4C	X	-.698	-.698	0	%100
100	MP4C	Z	-.403	-.403	0	%100
101	MP4B	X	-.698	-.698	0	%100
102	MP4B	Z	-.403	-.403	0	%100
103	M139	X	-.353	-.353	0	%100
104	M139	Z	-.204	-.204	0	%100
105	M140	X	-.47	-.47	0	%100
106	M140	Z	-.272	-.272	0	%100
107	M141	X	-.809	-.809	0	%100
108	M141	Z	-.467	-.467	0	%100
109	M142	X	-.809	-.809	0	%100
110	M142	Z	-.467	-.467	0	%100
111	M143	X	-.127	-.127	0	%100
112	M143	Z	-.073	-.073	0	%100
113	M144	X	-.127	-.127	0	%100
114	M144	Z	-.073	-.073	0	%100
115	M145	X	-.127	-.127	0	%100
116	M145	Z	-.073	-.073	0	%100
117	M146	X	-.127	-.127	0	%100
118	M146	Z	-.073	-.073	0	%100
119	M147	X	-.127	-.127	0	%100
120	M147	Z	-.073	-.073	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.698	-.698	0	%100
2	M1	Z	-1.209	-1.209	0	%100
3	M2	X	-.698	-.698	0	%100
4	M2	Z	-1.209	-1.209	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	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,%]
8	M4	Z	0	0	0	%100
9	M5	X	-.698	-.698	0	%100
10	M5	Z	-1.209	-1.209	0	%100
11	M6	X	-.698	-.698	0	%100
12	M6	Z	-1.209	-1.209	0	%100
13	M7	X	-.69	-.69	0	%100
14	M7	Z	-1.195	-1.195	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.69	-.69	0	%100
18	M9	Z	-1.195	-1.195	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.039	-.039	0	%100
22	M14A	Z	-.068	-.068	0	%100
23	M18	X	-.039	-.039	0	%100
24	M18	Z	-.068	-.068	0	%100
25	M22	X	-.064	-.064	0	%100
26	M22	Z	-.111	-.111	0	%100
27	M23	X	-.255	-.255	0	%100
28	M23	Z	-.442	-.442	0	%100
29	M24	X	-.064	-.064	0	%100
30	M24	Z	-.111	-.111	0	%100
31	M74	X	-.165	-.165	0	%100
32	M74	Z	-.285	-.285	0	%100
33	M80	X	0	0	0	%100
34	M80	Z	0	0	0	%100
35	M86	X	-.165	-.165	0	%100
36	M86	Z	-.285	-.285	0	%100
37	MP5A	X	-.333	-.333	0	%100
38	MP5A	Z	-.577	-.577	0	%100
39	MP1A	X	-.333	-.333	0	%100
40	MP1A	Z	-.577	-.577	0	%100
41	MP2C	X	-.333	-.333	0	%100
42	MP2C	Z	-.577	-.577	0	%100
43	MP5C	X	-.333	-.333	0	%100
44	MP5C	Z	-.577	-.577	0	%100
45	MP1C	X	-.333	-.333	0	%100
46	MP1C	Z	-.577	-.577	0	%100
47	MP5B	X	-.333	-.333	0	%100
48	MP5B	Z	-.577	-.577	0	%100
49	MP1B	X	-.333	-.333	0	%100
50	MP1B	Z	-.577	-.577	0	%100
51	M77A	X	0	0	0	%100
52	M77A	Z	0	0	0	%100
53	M77B	X	-.25	-.25	0	%100
54	M77B	Z	-.432	-.432	0	%100
55	M78	X	-.25	-.25	0	%100
56	M78	Z	-.432	-.432	0	%100
57	MP3C	X	-.333	-.333	0	%100
58	MP3C	Z	-.577	-.577	0	%100
59	M61	X	0	0	0	%100
60	M61	Z	0	0	0	%100
61	M64	X	-.255	-.255	0	%100
62	M64	Z	-.442	-.442	0	%100
63	M65	X	0	0	0	%100
64	M65	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,%]
65	M68	X	-.039	-.039	0	%100
66	M68	Z	-.068	-.068	0	%100
67	M71	X	-.064	-.064	0	%100
68	M71	Z	-.111	-.111	0	%100
69	M72	X	-.165	-.165	0	%100
70	M72	Z	-.285	-.285	0	%100
71	M75A	X	-.039	-.039	0	%100
72	M75A	Z	-.068	-.068	0	%100
73	M78A	X	-.064	-.064	0	%100
74	M78A	Z	-.111	-.111	0	%100
75	M79	X	-.165	-.165	0	%100
76	M79	Z	-.285	-.285	0	%100
77	M88	X	-.29	-.29	0	%100
78	M88	Z	-.502	-.502	0	%100
79	M89A	X	-.29	-.29	0	%100
80	M89A	Z	-.502	-.502	0	%100
81	M90	X	0	0	0	%100
82	M90	Z	0	0	0	%100
83	M105	X	-.247	-.247	0	%100
84	M105	Z	-.428	-.428	0	%100
85	OVP	X	-.247	-.247	0	%100
86	OVP	Z	-.428	-.428	0	%100
87	M119	X	0	0	0	%100
88	M119	Z	0	0	0	%100
89	MP2B	X	-.333	-.333	0	%100
90	MP2B	Z	-.577	-.577	0	%100
91	MP3B	X	-.333	-.333	0	%100
92	MP3B	Z	-.577	-.577	0	%100
93	MP2A	X	-.333	-.333	0	%100
94	MP2A	Z	-.577	-.577	0	%100
95	MP3A	X	-.333	-.333	0	%100
96	MP3A	Z	-.577	-.577	0	%100
97	MP4A	X	-.403	-.403	0	%100
98	MP4A	Z	-.698	-.698	0	%100
99	MP4C	X	-.403	-.403	0	%100
100	MP4C	Z	-.698	-.698	0	%100
101	MP4B	X	-.403	-.403	0	%100
102	MP4B	Z	-.698	-.698	0	%100
103	M139	X	0	0	0	%100
104	M139	Z	0	0	0	%100
105	M140	X	-.362	-.362	0	%100
106	M140	Z	-.627	-.627	0	%100
107	M141	X	-.467	-.467	0	%100
108	M141	Z	-.809	-.809	0	%100
109	M142	X	-.467	-.467	0	%100
110	M142	Z	-.809	-.809	0	%100
111	M143	X	-.098	-.098	0	%100
112	M143	Z	-.17	-.17	0	%100
113	M144	X	-.098	-.098	0	%100
114	M144	Z	-.17	-.17	0	%100
115	M145	X	-.098	-.098	0	%100
116	M145	Z	-.17	-.17	0	%100
117	M146	X	-.098	-.098	0	%100
118	M146	Z	-.17	-.17	0	%100
119	M147	X	-.098	-.098	0	%100
120	M147	Z	-.17	-.17	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	M1	Y	-.061	-1.717	0	.64
2	M1	Y	-1.717	-3.478	.64	1.28
3	M1	Y	-3.478	-4.196	1.28	1.92
4	M1	Y	-4.196	-2.132	1.92	2.56
5	M1	Y	-2.132	-.061	2.56	3.2
6	M6	Y	-.053	-3.363	2.133	2.773
7	M6	Y	-3.363	-5.496	2.773	3.413
8	M6	Y	-5.496	-3.701	3.413	4.053
9	M6	Y	-3.701	-1.835	4.053	4.693
10	M6	Y	-1.835	-.053	4.693	5.333
11	M140	Y	-3.074	-3.074	0	.501
12	M4	Y	-4.796	-4.231	1.067	1.92
13	M4	Y	-4.231	-6.583	1.92	2.773
14	M4	Y	-6.583	-6.412	2.773	3.627
15	M4	Y	-6.412	-2.281	3.627	4.48
16	M4	Y	-2.281	-.061	4.48	5.333
17	M5	Y	-.102	-3.184	0	1.067
18	M5	Y	-3.184	-5.351	1.067	2.133
19	M5	Y	-5.351	-4.223	2.133	3.2
20	M5	Y	-4.223	-2.991	3.2	4.267
21	M5	Y	-2.991	-3.548	4.267	5.333
22	M7	Y	-.615	-5.498	.51	1.657
23	M7	Y	-5.498	-6.668	1.657	2.805
24	M7	Y	-6.668	-4.328	2.805	3.952
25	M7	Y	-4.328	-2.192	3.952	5.1
26	M2	Y	-4.796	-4.231	1.067	1.92
27	M2	Y	-4.231	-6.583	1.92	2.773
28	M2	Y	-6.583	-6.412	2.773	3.627
29	M2	Y	-6.412	-2.281	3.627	4.48
30	M2	Y	-2.281	-.061	4.48	5.333
31	M3	Y	-.102	-3.184	0	1.067
32	M3	Y	-3.184	-5.351	1.067	2.133
33	M3	Y	-5.351	-4.223	2.133	3.2
34	M3	Y	-4.223	-2.991	3.2	4.267
35	M3	Y	-2.991	-3.548	4.267	5.333
36	M9	Y	-.615	-5.498	.51	1.657
37	M9	Y	-5.498	-6.668	1.657	2.805
38	M9	Y	-6.668	-4.328	2.805	3.952
39	M9	Y	-4.328	-2.192	3.952	5.1
40	M5	Y	-9.703	-9.703	5.249	5.275
41	M6	Y	-4.712	-4.712	.057	.109
42	M7	Y	-1.393	-3.039	0	.51
43	M7	Y	-3.039	-4.708	.51	1.02
44	M7	Y	-4.708	-4.219	1.02	1.53
45	M7	Y	-4.219	-1.484	1.53	2.04
46	M7	Y	-1.484	-.082	2.04	2.55
47	M8	Y	-.093	-1.543	2.55	3.06
48	M8	Y	-1.543	-4.221	3.06	3.57
49	M8	Y	-4.221	-4.609	3.57	4.08
50	M8	Y	-4.609	-2.835	4.08	4.59
51	M8	Y	-2.835	-.968	4.59	5.1
52	M3	Y	-9.702	-9.702	5.249	5.275
53	M4	Y	-4.712	-4.712	.057	.109
54	M7	Y	-.093	-1.543	2.55	3.06
55	M7	Y	-1.543	-4.221	3.06	3.57
56	M7	Y	-4.221	-4.609	3.57	4.08
57	M7	Y	-4.609	-2.835	4.08	4.59

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,%]
58	M7	Y	-2.835	-.968	4.59	5.1
59	M9	Y	-1.393	-3.039	0	.51
60	M9	Y	-3.039	-4.708	.51	1.02
61	M9	Y	-4.708	-4.219	1.02	1.53
62	M9	Y	-4.219	-1.484	1.53	2.04
63	M9	Y	-1.484	-.082	2.04	2.55
64	M1	Y	-9.702	-9.702	5.249	5.275
65	M2	Y	-4.712	-4.712	.057	.109
66	M8	Y	-1.393	-3.039	0	.51
67	M8	Y	-3.039	-4.708	.51	1.02
68	M8	Y	-4.708	-4.219	1.02	1.53
69	M8	Y	-4.219	-1.484	1.53	2.04
70	M8	Y	-1.484	-.082	2.04	2.55
71	M9	Y	-.093	-1.543	2.55	3.06
72	M9	Y	-1.543	-4.221	3.06	3.57
73	M9	Y	-4.221	-4.609	3.57	4.08
74	M9	Y	-4.609	-2.835	4.08	4.59
75	M9	Y	-2.835	-.968	4.59	5.1

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-.119	-3.371	0	.64
2	M1	Y	-3.371	-6.826	.64	1.28
3	M1	Y	-6.826	-8.236	1.28	1.92
4	M1	Y	-8.236	-4.185	1.92	2.56
5	M1	Y	-4.185	-.119	2.56	3.2
6	M6	Y	-.104	-6.601	2.133	2.773
7	M6	Y	-6.601	-10.787	2.773	3.413
8	M6	Y	-10.787	-7.264	3.413	4.053
9	M6	Y	-7.264	-3.601	4.053	4.693
10	M6	Y	-3.601	-.104	4.693	5.333
11	M140	Y	-6.033	-6.033	0	.501
12	M4	Y	-9.412	-8.304	1.067	1.92
13	M4	Y	-8.304	-12.921	1.92	2.773
14	M4	Y	-12.921	-12.584	2.773	3.627
15	M4	Y	-12.584	-4.478	3.627	4.48
16	M4	Y	-4.478	-.121	4.48	5.333
17	M5	Y	-.2	-6.249	0	1.067
18	M5	Y	-6.249	-10.502	1.067	2.133
19	M5	Y	-10.502	-8.289	2.133	3.2
20	M5	Y	-8.289	-5.871	3.2	4.267
21	M5	Y	-5.871	-6.963	4.267	5.333
22	M7	Y	-1.208	-10.79	.51	1.657
23	M7	Y	-10.79	-13.087	1.657	2.805
24	M7	Y	-13.087	-8.495	2.805	3.952
25	M7	Y	-8.495	-4.302	3.952	5.1
26	M2	Y	-9.412	-8.304	1.067	1.92
27	M2	Y	-8.304	-12.921	1.92	2.773
28	M2	Y	-12.921	-12.584	2.773	3.627
29	M2	Y	-12.584	-4.478	3.627	4.48
30	M2	Y	-4.478	-.121	4.48	5.333
31	M3	Y	-.2	-6.249	0	1.067
32	M3	Y	-6.249	-10.502	1.067	2.133
33	M3	Y	-10.502	-8.289	2.133	3.2
34	M3	Y	-8.289	-5.871	3.2	4.267
35	M3	Y	-5.871	-6.963	4.267	5.333

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,%]
36	M9	Y	-1.208	-10.79	.51	1.657
37	M9	Y	-10.79	-13.087	1.657	2.805
38	M9	Y	-13.087	-8.495	2.805	3.952
39	M9	Y	-8.495	-4.302	3.952	5.1
40	M5	Y	-19.043	-19.043	5.249	5.275
41	M6	Y	-9.247	-9.247	.057	.109
42	M7	Y	-2.734	-5.965	0	.51
43	M7	Y	-5.965	-9.239	.51	1.02
44	M7	Y	-9.239	-8.281	1.02	1.53
45	M7	Y	-8.281	-2.913	1.53	2.04
46	M7	Y	-2.913	-.162	2.04	2.55
47	M8	Y	-.183	-3.028	2.55	3.06
48	M8	Y	-3.028	-8.285	3.06	3.57
49	M8	Y	-8.285	-9.047	3.57	4.08
50	M8	Y	-9.047	-5.564	4.08	4.59
51	M8	Y	-5.564	-1.901	4.59	5.1
52	M3	Y	-19.042	-19.042	5.249	5.275
53	M4	Y	-9.248	-9.248	.057	.109
54	M7	Y	-.183	-3.028	2.55	3.06
55	M7	Y	-3.028	-8.285	3.06	3.57
56	M7	Y	-8.285	-9.047	3.57	4.08
57	M7	Y	-9.047	-5.564	4.08	4.59
58	M7	Y	-5.564	-1.901	4.59	5.1
59	M9	Y	-2.734	-5.965	0	.51
60	M9	Y	-5.965	-9.239	.51	1.02
61	M9	Y	-9.239	-8.281	1.02	1.53
62	M9	Y	-8.281	-2.913	1.53	2.04
63	M9	Y	-2.913	-.162	2.04	2.55
64	M1	Y	-19.043	-19.043	5.249	5.275
65	M2	Y	-9.248	-9.248	.057	.109
66	M8	Y	-2.734	-5.965	0	.51
67	M8	Y	-5.965	-9.239	.51	1.02
68	M8	Y	-9.239	-8.281	1.02	1.53
69	M8	Y	-8.281	-2.913	1.53	2.04
70	M8	Y	-2.913	-.162	2.04	2.55
71	M9	Y	-.183	-3.028	2.55	3.06
72	M9	Y	-3.028	-8.285	3.06	3.57
73	M9	Y	-8.285	-9.047	3.57	4.08
74	M9	Y	-9.047	-5.564	4.08	4.59
75	M9	Y	-5.564	-1.901	4.59	5.1

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	M1	Y	-.003	-.077	0	.64
2	M1	Y	-.077	-.155	.64	1.28
3	M1	Y	-.155	-.187	1.28	1.92
4	M1	Y	-.187	-.095	1.92	2.56
5	M1	Y	-.095	-.003	2.56	3.2
6	M6	Y	-.002	-.15	2.133	2.773
7	M6	Y	-.15	-.245	2.773	3.413
8	M6	Y	-.245	-.165	3.413	4.053
9	M6	Y	-.165	-.082	4.053	4.693
10	M6	Y	-.082	-.002	4.693	5.333
11	M140	Y	-.137	-.137	0	.501
12	M4	Y	-.214	-.189	1.067	1.92
13	M4	Y	-.189	-.294	1.92	2.773

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
14	M4	Y	-.294	-.286	2.773	3.627
15	M4	Y	-.286	-.102	3.627	4.48
16	M4	Y	-.102	-.003	4.48	5.333
17	M5	Y	-.005	-.142	0	1.067
18	M5	Y	-.142	-.239	1.067	2.133
19	M5	Y	-.239	-.188	2.133	3.2
20	M5	Y	-.188	-.133	3.2	4.267
21	M5	Y	-.133	-.158	4.267	5.333
22	M7	Y	-.027	-.245	.51	1.657
23	M7	Y	-.245	-.297	1.657	2.805
24	M7	Y	-.297	-.193	2.805	3.952
25	M7	Y	-.193	-.098	3.952	5.1
26	M2	Y	-.214	-.189	1.067	1.92
27	M2	Y	-.189	-.294	1.92	2.773
28	M2	Y	-.294	-.286	2.773	3.627
29	M2	Y	-.286	-.102	3.627	4.48
30	M2	Y	-.102	-.003	4.48	5.333
31	M3	Y	-.005	-.142	0	1.067
32	M3	Y	-.142	-.239	1.067	2.133
33	M3	Y	-.239	-.188	2.133	3.2
34	M3	Y	-.188	-.133	3.2	4.267
35	M3	Y	-.133	-.158	4.267	5.333
36	M9	Y	-.027	-.245	.51	1.657
37	M9	Y	-.245	-.297	1.657	2.805
38	M9	Y	-.297	-.193	2.805	3.952
39	M9	Y	-.193	-.098	3.952	5.1
40	M5	Y	-.433	-.433	5.249	5.275
41	M6	Y	-.21	-.21	.057	.109
42	M7	Y	-.062	-.136	0	.51
43	M7	Y	-.136	-.21	.51	1.02
44	M7	Y	-.21	-.188	1.02	1.53
45	M7	Y	-.188	-.066	1.53	2.04
46	M7	Y	-.066	-.004	2.04	2.55
47	M8	Y	-.004	-.069	2.55	3.06
48	M8	Y	-.069	-.188	3.06	3.57
49	M8	Y	-.188	-.206	3.57	4.08
50	M8	Y	-.206	-.126	4.08	4.59
51	M8	Y	-.126	-.043	4.59	5.1
52	M3	Y	-.433	-.433	5.249	5.275
53	M4	Y	-.21	-.21	.057	.109
54	M7	Y	-.004	-.069	2.55	3.06
55	M7	Y	-.069	-.188	3.06	3.57
56	M7	Y	-.188	-.206	3.57	4.08
57	M7	Y	-.206	-.126	4.08	4.59
58	M7	Y	-.126	-.043	4.59	5.1
59	M9	Y	-.062	-.136	0	.51
60	M9	Y	-.136	-.21	.51	1.02
61	M9	Y	-.21	-.188	1.02	1.53
62	M9	Y	-.188	-.066	1.53	2.04
63	M9	Y	-.066	-.004	2.04	2.55
64	M1	Y	-.433	-.433	5.249	5.275
65	M2	Y	-.21	-.21	.057	.109
66	M8	Y	-.062	-.136	0	.51
67	M8	Y	-.136	-.21	.51	1.02
68	M8	Y	-.21	-.188	1.02	1.53
69	M8	Y	-.188	-.066	1.53	2.04
70	M8	Y	-.066	-.004	2.04	2.55

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
71	M9	Y	-.004	-.069	2.55	3.06
72	M9	Y	-.069	-.188	3.06	3.57
73	M9	Y	-.188	-.206	3.57	4.08
74	M9	Y	-.206	-.126	4.08	4.59
75	M9	Y	-.126	-.043	4.59	5.1

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Z	-.007	-.192	0	.64
2	M1	Z	-.192	-.388	.64	1.28
3	M1	Z	-.388	-.468	1.28	1.92
4	M1	Z	-.468	-.238	1.92	2.56
5	M1	Z	-.238	-.007	2.56	3.2
6	M6	Z	-.006	-.375	2.133	2.773
7	M6	Z	-.375	-.613	2.773	3.413
8	M6	Z	-.613	-.413	3.413	4.053
9	M6	Z	-.413	-.205	4.053	4.693
10	M6	Z	-.205	-.006	4.693	5.333
11	M140	Z	-.343	-.343	0	.501
12	M4	Z	-.535	-.472	1.067	1.92
13	M4	Z	-.472	-.734	1.92	2.773
14	M4	Z	-.734	-.715	2.773	3.627
15	M4	Z	-.715	-.254	3.627	4.48
16	M4	Z	-.254	-.007	4.48	5.333
17	M5	Z	-.011	-.355	0	1.067
18	M5	Z	-.355	-.597	1.067	2.133
19	M5	Z	-.597	-.471	2.133	3.2
20	M5	Z	-.471	-.334	3.2	4.267
21	M5	Z	-.334	-.396	4.267	5.333
22	M7	Z	-.069	-.613	.51	1.657
23	M7	Z	-.613	-.744	1.657	2.805
24	M7	Z	-.744	-.483	2.805	3.952
25	M7	Z	-.483	-.244	3.952	5.1
26	M2	Z	-.535	-.472	1.067	1.92
27	M2	Z	-.472	-.734	1.92	2.773
28	M2	Z	-.734	-.715	2.773	3.627
29	M2	Z	-.715	-.254	3.627	4.48
30	M2	Z	-.254	-.007	4.48	5.333
31	M3	Z	-.011	-.355	0	1.067
32	M3	Z	-.355	-.597	1.067	2.133
33	M3	Z	-.597	-.471	2.133	3.2
34	M3	Z	-.471	-.334	3.2	4.267
35	M3	Z	-.334	-.396	4.267	5.333
36	M9	Z	-.069	-.613	.51	1.657
37	M9	Z	-.613	-.744	1.657	2.805
38	M9	Z	-.744	-.483	2.805	3.952
39	M9	Z	-.483	-.244	3.952	5.1
40	M5	Z	-1.082	-1.082	5.249	5.275
41	M6	Z	-.526	-.526	.057	.109
42	M7	Z	-.155	-.339	0	.51
43	M7	Z	-.339	-.525	.51	1.02
44	M7	Z	-.525	-.471	1.02	1.53
45	M7	Z	-.471	-.166	1.53	2.04
46	M7	Z	-.166	-.009	2.04	2.55
47	M8	Z	-.01	-.172	2.55	3.06
48	M8	Z	-.172	-.471	3.06	3.57

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,%]
49	M8	Z	-.471	-.514	3.57	4.08
50	M8	Z	-.514	-.316	4.08	4.59
51	M8	Z	-.316	-.108	4.59	5.1
52	M3	Z	-1.082	-1.082	5.249	5.275
53	M4	Z	-.526	-.526	.057	.109
54	M7	Z	-.01	-.172	2.55	3.06
55	M7	Z	-.172	-.471	3.06	3.57
56	M7	Z	-.471	-.514	3.57	4.08
57	M7	Z	-.514	-.316	4.08	4.59
58	M7	Z	-.316	-.108	4.59	5.1
59	M9	Z	-.155	-.339	0	.51
60	M9	Z	-.339	-.525	.51	1.02
61	M9	Z	-.525	-.471	1.02	1.53
62	M9	Z	-.471	-.166	1.53	2.04
63	M9	Z	-.166	-.009	2.04	2.55
64	M1	Z	-1.082	-1.082	5.249	5.275
65	M2	Z	-.526	-.526	.057	.109
66	M8	Z	-.155	-.339	0	.51
67	M8	Z	-.339	-.525	.51	1.02
68	M8	Z	-.525	-.471	1.02	1.53
69	M8	Z	-.471	-.166	1.53	2.04
70	M8	Z	-.166	-.009	2.04	2.55
71	M9	Z	-.01	-.172	2.55	3.06
72	M9	Z	-.172	-.471	3.06	3.57
73	M9	Z	-.471	-.514	3.57	4.08
74	M9	Z	-.514	-.316	4.08	4.59
75	M9	Z	-.316	-.108	4.59	5.1

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	M1	X	.007	.192	0	.64
2	M1	X	.192	.388	.64	1.28
3	M1	X	.388	.468	1.28	1.92
4	M1	X	.468	.238	1.92	2.56
5	M1	X	.238	.007	2.56	3.2
6	M6	X	.006	.375	2.133	2.773
7	M6	X	.375	.613	2.773	3.413
8	M6	X	.613	.413	3.413	4.053
9	M6	X	.413	.205	4.053	4.693
10	M6	X	.205	.006	4.693	5.333
11	M140	X	.343	.343	0	.501
12	M4	X	.535	.472	1.067	1.92
13	M4	X	.472	.734	1.92	2.773
14	M4	X	.734	.715	2.773	3.627
15	M4	X	.715	.254	3.627	4.48
16	M4	X	.254	.007	4.48	5.333
17	M5	X	.011	.355	0	1.067
18	M5	X	.355	.597	1.067	2.133
19	M5	X	.597	.471	2.133	3.2
20	M5	X	.471	.334	3.2	4.267
21	M5	X	.334	.396	4.267	5.333
22	M7	X	.069	.613	.51	1.657
23	M7	X	.613	.744	1.657	2.805
24	M7	X	.744	.483	2.805	3.952
25	M7	X	.483	.244	3.952	5.1
26	M2	X	.535	.472	1.067	1.92

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,%]
27	M2	X	.472	.734	1.92	2.773
28	M2	X	.734	.715	2.773	3.627
29	M2	X	.715	.254	3.627	4.48
30	M2	X	.254	.007	4.48	5.333
31	M3	X	.011	.355	0	1.067
32	M3	X	.355	.597	1.067	2.133
33	M3	X	.597	.471	2.133	3.2
34	M3	X	.471	.334	3.2	4.267
35	M3	X	.334	.396	4.267	5.333
36	M9	X	.069	.613	.51	1.657
37	M9	X	.613	.744	1.657	2.805
38	M9	X	.744	.483	2.805	3.952
39	M9	X	.483	.244	3.952	5.1
40	M5	X	1.082	1.082	5.249	5.275
41	M6	X	.526	.526	.057	.109
42	M7	X	.155	.339	0	.51
43	M7	X	.339	.525	.51	1.02
44	M7	X	.525	.471	1.02	1.53
45	M7	X	.471	.166	1.53	2.04
46	M7	X	.166	.009	2.04	2.55
47	M8	X	.01	.172	2.55	3.06
48	M8	X	.172	.471	3.06	3.57
49	M8	X	.471	.514	3.57	4.08
50	M8	X	.514	.316	4.08	4.59
51	M8	X	.316	.108	4.59	5.1
52	M3	X	1.082	1.082	5.249	5.275
53	M4	X	.526	.526	.057	.109
54	M7	X	.01	.172	2.55	3.06
55	M7	X	.172	.471	3.06	3.57
56	M7	X	.471	.514	3.57	4.08
57	M7	X	.514	.316	4.08	4.59
58	M7	X	.316	.108	4.59	5.1
59	M9	X	.155	.339	0	.51
60	M9	X	.339	.525	.51	1.02
61	M9	X	.525	.471	1.02	1.53
62	M9	X	.471	.166	1.53	2.04
63	M9	X	.166	.009	2.04	2.55
64	M1	X	1.082	1.082	5.249	5.275
65	M2	X	.526	.526	.057	.109
66	M8	X	.155	.339	0	.51
67	M8	X	.339	.525	.51	1.02
68	M8	X	.525	.471	1.02	1.53
69	M8	X	.471	.166	1.53	2.04
70	M8	X	.166	.009	2.04	2.55
71	M9	X	.01	.172	2.55	3.06
72	M9	X	.172	.471	3.06	3.57
73	M9	X	.471	.514	3.57	4.08
74	M9	X	.514	.316	4.08	4.59
75	M9	X	.316	.108	4.59	5.1

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N269	N88	N106	N268	Y	Two Way	-.005
2	N12	N108	N96	N11	Y	Two Way	-.005
3	N14	N98	N86	N13	Y	Two Way	-.005

Member Area Loads (BLC 39 : Structure D) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
4	N75A	N11A	N12	N73	Y	Two Way	-.005
5	N72	N11	N14	N79A	Y	Two Way	-.005
6	N78A	N13	N12A	N76A	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N269	N88	N106	N268	Y	Two Way	-.01
2	N12	N108	N96	N11	Y	Two Way	-.01
3	N14	N98	N86	N13	Y	Two Way	-.01
4	N75A	N11A	N12	N73	Y	Two Way	-.01
5	N72	N11	N14	N79A	Y	Two Way	-.01
6	N78A	N13	N12A	N76A	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N269	N88	N106	N268	Y	Two Way	-.000232
2	N12	N108	N96	N11	Y	Two Way	-.000232
3	N14	N98	N86	N13	Y	Two Way	-.000232
4	N75A	N11A	N12	N73	Y	Two Way	-.000232
5	N72	N11	N14	N79A	Y	Two Way	-.000232
6	N78A	N13	N12A	N76A	Y	Two Way	-.000232

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N269	N88	N106	N268	Z	Two Way	-.00058
2	N12	N108	N96	N11	Z	Two Way	-.00058
3	N14	N98	N86	N13	Z	Two Way	-.00058
4	N75A	N11A	N12	N73	Z	Two Way	-.00058
5	N72	N11	N14	N79A	Z	Two Way	-.00058
6	N78A	N13	N12A	N76A	Z	Two Way	-.00058

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N269	N88	N106	N268	X	Two Way	.00058
2	N12	N108	N96	N11	X	Two Way	.00058
3	N14	N98	N86	N13	X	Two Way	.00058
4	N75A	N11A	N12	N73	X	Two Way	.00058
5	N72	N11	N14	N79A	X	Two Way	.00058
6	N78A	N13	N12A	N76A	X	Two Way	.00058

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [...	LC
1	N8	m...	4.59	12	4048.336	7	2041.349	7	0	75	0	75	0	75
2		m...	-4.59	2	-9208.47	1	-2061.299	1	0	1	0	1	0	1
3	N72	m...	4073.879	12	9127.539	3	1510.545	12	0	75	0	75	0	75
4		m...	-4054.766	6	-5666.158	9	-1497.893	6	0	1	0	1	0	1
5	N73	m...	3673.367	8	9629.482	11	1524.078	1	0	75	0	75	0	75
6		m...	-3723.423	2	-5693.289	5	-1521.441	7	0	1	0	1	0	1
7	N75A	m...	833.705	1	9636.551	11	4078.638	2	0	75	0	75	0	75
8		m...	-854.245	7	-5693.129	5	-4048.574	8	0	1	0	1	0	1
9	N76A	m...	3761.088	10	9732.701	7	2321.545	11	0	75	0	75	0	75
10		m...	-3777.416	4	-5907.07	1	-2352.466	5	0	1	0	1	0	1
11	N77A	m...	1701.433	5	4051.971	11	982.323	5	0	75	0	75	0	75

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [...	LC
12		m...	-1757.714	11	-8987.919	5	-1014.817	11	0	1	0	1	0	1
13	N78A	m...	2958.903	10	9395.23	7	2629.625	4	0	75	0	75	0	75
14		m...	-2974.566	4	-5743.24	1	-2560.515	10	0	1	0	1	0	1
15	N79A	m...	690.594	7	9137.172	3	4187.762	12	0	75	0	75	0	75
16		m...	-571.645	1	-5726.303	9	-4205.842	6	0	1	0	1	0	1
17	N194	m...	1882.502	3	3632.227	3	1079.375	9	0	75	0	75	0	75
18		m...	-1869.532	9	-9004.797	9	-1086.863	3	0	1	0	1	0	1
19	Totals:	m...	8061.46	10	8092.396	21	8219.618	1						
20		m...	-8061.465	4	2529.864	66	-8219.619	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	L...	Dir	LC	phi*Pn...	phi*P...	phi*Mn y...	phi*Mn ...	...	Eqn
1	M1	C5X6.7	.855	5.111	6	.786	5...	z	10	25851...	63828	1.604	9.585	...	H1-...
2	M2	C5X6.7	.800	.222	6	.786	0	z	10	25851...	63828	1.604	9.585	...	H1-...
3	M3	C5X6.7	.791	5.111	2	.810	5...	z	12	25851...	63828	1.604	9.585	...	H1-...
4	M4	C5X6.7	.829	.222	1	.810	0	z	12	25851...	63828	1.604	9.585	...	H1-...
5	M5	C5X6.7	.789	5.111	10	.788	5...	z	8	25851...	63828	1.604	9.585	...	H1-...
6	M6	C5X6.7	.863	.222	12	.788	0	z	8	25851...	63828	1.604	9.585	...	H1-...
7	M7	C5X6.7	.725	2.125	1	.434	2...	y	11	27931...	63828	1.604	9.585	...	H1-...
8	M8	C5X6.7	.734	2.125	9	.446	2...	y	11	27931...	63828	1.604	9.585	...	H1-...
9	M9	C5X6.7	.713	2.125	5	.426	2...	y	7	27931...	63828	1.604	9.585	...	H1-...
10	M13	PL3/8x8	.077	.667	12	.028	....	y	10	72912...	97200	.759	16.2	...	H1-...
11	M14A	PL3/8x8	.076	.667	8	.027	....	y	18	72912...	97200	.759	16.2	...	H1-...
12	M18	PL3/8x8	.075	.667	4	.027	....	y	2	72912...	97200	.759	16.2	...	H1-...
13	M22	C5X6.7	.302	.578	2	.128	....	y	4	59424...	63828	1.604	9.585	...	H1-...
14	M23	C5X6.7	.300	.578	8	.130	....	y	12	59424...	63828	1.604	9.585	...	H1-...
15	M24	C5X6.7	.283	.578	6	.119	....	y	8	59424...	63828	1.604	9.585	...	H1-...
16	M74	HSS2...	.212	.75	11	.099	.75	z	5	54827...	57078	3.037	3.037	...	H1-...
17	M80	HSS2...	.207	.75	7	.101	.75	z	1	54827...	57078	3.037	3.037	...	H1-...
18	M86	HSS2...	.194	.75	3	.094	.75	z	1	54827...	57078	3.037	3.037	...	H1-...
19	MP5A	PIPE_...	.395	4.167	8	.347	4...		8	18857...	32130	1.872	1.872	...	H3-6
20	MP1A	PIPE_...	.344	3.902	7	.317	3...		6	19485...	32130	1.872	1.872	...	H1-...
21	MP2C	PIPE_...	.832	4.306	4	.173	1...		5	18857...	32130	1.872	1.872	...	H1-...
22	MP5C	PIPE_...	.385	4.167	4	.335	4...		4	18857...	32130	1.872	1.872	...	H3-6
23	MP1C	PIPE_...	.396	4.167	2	.348	4...		2	18857...	32130	1.872	1.872	...	H3-6
24	MP5B	PIPE_...	.401	4.167	12	.351	4...		12	18857...	32130	1.872	1.872	...	H3-6
25	MP1B	PIPE_...	.387	4.167	10	.342	4...		10	18857...	32130	1.872	1.872	...	H3-6
26	M77A	PIPE_...	.683	9.479	1	.212	6...		1	7226.8...	32130	1.872	1.872	...	H1-...
27	M77B	PIPE_...	.685	9.479	9	.210	6...		9	7226.8...	32130	1.872	1.872	...	H1-...
28	M78	PIPE_...	.678	9.479	5	.219	7...		7	7226.8...	32130	1.872	1.872	...	H1-...
29	MP3C	PIPE_...	.843	4.302	5	.123	2...		5	17855...	32130	1.872	1.872	...	H1-...
30	M61	PL3/8x8	.139	.333	6	.112	....	y	7	72912...	97200	.759	16.2	...	H1-...
31	M64	C5X6.7	.422	0	12	.172	....	y	12	59424...	63828	1.604	9.585	...	H1-...
32	M65	HSS2...	.294	.75	10	.148	.75	z	8	54827...	57078	3.037	3.037	...	H1-...
33	M68	PL3/8x8	.131	.333	2	.106	....	y	3	72912...	97200	.759	16.2	...	H1-...
34	M71	C5X6.7	.398	0	2	.161	....	y	2	59424...	63828	1.604	9.585	...	H1-...
35	M72	HSS2...	.282	.75	4	.144	.75	z	6	54827...	57078	3.037	3.037	...	H1-...
36	M75A	PL3/8x8	.137	.333	10	.112	....	y	11	72912...	97200	.759	16.2	...	H1-...
37	M78A	C5X6.7	.419	0	4	.169	....	y	4	59424...	63828	1.604	9.585	...	H1-...
38	M79	HSS2...	.294	.75	2	.149	.75	z	2	54827...	57078	3.037	3.037	...	H1-...
39	M88	L2.5x2...	.369	1.103	2	.232	0	z	2	27589...	29192...	.873	1.972	...	H2-1
40	M89A	L2.5x2...	.395	1.103	5	.238	0	z	10	27589...	29192...	.873	1.972	...	H2-1
41	M90	L2.5x2...	.349	1.103	7	.231	0	z	6	27589...	29192...	.873	1.972	...	H2-1
42	M105	PIPE_...	.040	0	12	.127	0		2	24234...	32130	1.872	1.872	...	H1-...
43	OVP	PIPE_...	.097	2.374	7	.137	0		10	24234...	32130	1.872	1.872	...	H1-...

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	L...	Dir	LC	phi*Pn...	phi*P...	phi*Mn y...	phi*Mn		Eqn
44	M119	PIPE_...	.040	0	4	.131	0		6	24234...	32130	1.872	1.872	...	H1-...
45	MP2B	PIPE_...	.857	4.306	12	.168	1...		1	18857...	32130	1.872	1.872	...	H1-...
46	MP3B	PIPE_...	.842	4.302	1	.108	4...		1	17855...	32130	1.872	1.872	...	H1-...
47	MP2A	PIPE_...	.836	4.512	8	.157	1...		9	18230...	32130	1.872	1.872	...	H1-...
48	MP3A	PIPE_...	.819	4.302	9	.107	2...		9	17855...	32130	1.872	1.872	...	H1-...
49	MP4A	PIPE_...	.819	4.958	6	.201	1...		5	33961...	50715	3.596	3.596	...	H1-...
50	MP4C	PIPE_...	.821	4.958	1	.204	1...		1	33961...	50715	3.596	3.596	...	H1-...
51	MP4B	PIPE_...	.829	4.958	10	.204	1...		9	33961...	50715	3.596	3.596	...	H1-...
52	M139	C5X6.7	.004	0	10	.073	....	z	8	48979...	63828	1.604	9.585	...	H1-...
53	M140	L2x2x4	.210	1.917	3	.298	1...	z	6	25395...	30585...	.691	1.577	...	H2-1
54	M141	L2x2x4	.123	2.031	9	.011	1...	y	2	8872.1...	30585...	.691	1.577	...	H2-1
55	M142	L2x2x4	.094	2.969	12	.008	3...	y	12	8872.1...	30585...	.691	1.526	...	H2-1
56	M143	SR_0....	.006	.667	24	.011	1...		4	9756.1...	14313...	.179	.179	...	H1-...
57	M144	SR_0....	.009	.667	24	.009	1...		5	9756.1...	14313...	.179	.179	...	H1-...
58	M145	SR_0....	.007	.667	24	.012	1...		8	9756.1...	14313...	.179	.179	...	H1-...
59	M146	SR_0....	.006	.667	24	.020	1...		9	9756.1...	14313...	.179	.179	...	H1-...
60	M147	SR_0....	.006	.667	24	.022	0		9	9756.1...	14313...	.179	.179	...	H1-...

VzW SMART Tool© Vendor

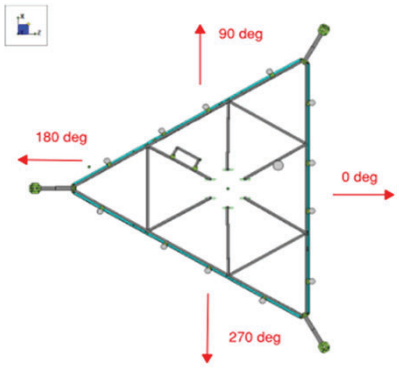
Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	NEWTOWN CT		
MDG #:	5000386579		
Fuze ID #:	17123827	Page:	1

Version 1.01

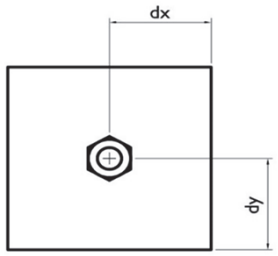
I. Mount-to-Tower Connection Check

Custom Orientation Required	Yes

Nodes (labeled per Risa)	Orientation (per graphic of typical platform)
N79A	60
N77A	60
N78A	60
N72	180
N8	180
N73	180
N75A	300
N194	300
N76A	300



Tower Connection Bolt Checks	Yes
Bolt Orientation	Perpendicular
Bolt Quantity per Reaction:	1
d_x (in) *(Delta X of typ. bolt config. sketch)* :	1
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	1
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	0.4
Required Shear Strength / bolt (kips):	9.8
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**78.6%**
Tower Connection Baseplate Checks	No



NO MOMENT RESISTANCE

Date: **January 19, 2024**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000386579
	Site Name:	NEWTOWN CT
Crown Castle Designation:	**BU Number:**	806354
	Site Name:	BRG 123 943084
	JDE Job Number:	751325
	Work Order Number:	2278307
	Order Number:	654593 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number**	2278307
Site Data:	**21 Berkshire Road Newtown, Newtown, Fairfield County, CT** **Latitude: *41° 24' 45.53"* Longitude: *-73° 16' 12.34"*** **185 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 - 82.7%**

This analysis utilizes an ultimate 3-second gust wind speed of 116 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Matthew Schmitt

Respectfully submitted by:

Drew B. Stephens, P.E.
Senior Project Engineer

STATE OF CONNECTICUT
DREW B. STEPHENS
No. 36337
LICENSED
PROFESSIONAL ENGINEER

Digitally signed by Drew B Stephens
Date: 2024.01.19 12:06:41 -05'00'

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 185 ft Monopole Tower designed by Engineered Endeavors, Inc. The tower has been modified in the past to accommodate additional loading.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	116 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1.00 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
187	190	1	raycap	RRFDC-3315-PF-48	8	1-5/8
	189	1	raycap	RRFDC-3315-PF-48		
	188	3	kaelus	BSF0020F3V1		
		6	quintel technology	QS8658-5 w/ Mount Pipe		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RFV01U-D1A		
		2	samsung telecommunications	RFV01U-D2A		
		3	samsung telecommunications	XXDWMM-12.5-65-8T-CBRS w/ Mount Pipe		
	187	6	decibel	DB846F65ZAXY w/ Mount Pipe		
		1	kaelus	BSF0020F3V1		
		1	samsung telecommunications	RFV01U-D2A		
		1	tower mounts	Miscellaneous [NA 507-1]		
		1	tower mounts	Platform Mount [LP 712-1]		
		1	tower mounts	Side Arm Mount [SO 103-3]		
	184	4	commscope	CBC78T-DS-43-2X		
	183	2	commscope	CBC78T-DS-43-2X		

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)
182	194	1	decibel	ASP-601	1	1/2
	182	1	tower mounts	Side Arm Mount [SO 104-3]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
177	177	3	cci antennas	OPA65R-BU6D w/ Mount Pipe	12 2 6 3 4	1-5/8 13/16 5/8 3/8 Conduit
		3	cci antennas	OPA-65R-LCUU-H6 w/ Mount Pipe		
		3	ericsson	2012 B29		
		3	ericsson	RRUS 32 B2		
		3	ericsson	RRUS 32 B30		
		3	ericsson	RRUS 32 B66		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14		
		3	kmw communications	EPBQ-654L8H6-L2 w/ Mount Pipe		
		3	raycap	DC6-48-60-18-8F		
		9	tower mounts	10' Pipe Mount [#P30120]		
		1	tower mounts	13 ft Platform Mount [#T1542KT12XS-M-H35]		
		6	tower mounts	7' Pipe Mount [#P2.0 STD]		
167	168	3	ericsson	RADIO 4480 B71_TMO	3	1-5/8
	167	3	tower mounts	8' Mount Pipe [#P2.0 STD]		
		3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe		
		3	ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	rfs celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		1	tower mounts	Miscellaneous [NA 507-1]		
		1	tower mounts	Platform Mount [LP 712-1]		
	166	3	commscope	VV-65A-R1_TMO w/ Mount Pipe		
133	134	3	commscope	FFVV-65B-R2 w/ Mount Pipe	1	1-1/2
		3	fujitsu	TA08025-B604		
		3	fujitsu	TA08025-B605		
	133	1	raycap	RDIDC-9181-PF-48		
		1	tower mounts	Valmont SNP8HR-396		
109	110	1	gps	GPS_A	1	1/2
	109	1	tower mounts	Side Arm Mount [SO 701-1]		
106	108	1	gps	GPS_A	1	1/2
	106	1	tower mounts	Side Arm Mount [SO 701-1]		
50	52	1	gps	GPS_A	1	1/2
	50	1	tower mounts	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
4-GEOTECHNICAL REPORTS	2297011	CCISITES
4-POST-MODIFICATION INSPECTION	2447231	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	822037	CCISITES
4-TOWER MANUFACTURER DRAWINGS	822035	CCISITES
4-TOWER REINFORCEMENT DESIGN/DRAWINGS/DATA	2381114	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	185 - 149.46	Pole	TP36.06x29x0.25	1	-17.53	1696.19	42.0	Pass
L2	149.46 - 114.083	Pole	TP42.46x34.5503x0.3125	2	-28.12	2498.40	63.0	Pass
L3	114.083 - 76.666	Pole	TP49.15x40.6947x0.375	3	-39.63	3470.70	69.7	Pass
L4	76.666 - 38.253	Pole	TP55.9x47.0966x0.4375	4	-54.80	4605.81	69.4	Pass
L5	38.253 - 0	Pole	TP62.5x53.5604x0.5	5	-77.30	6043.85	67.4	Pass
							Summary	
						Pole (L3)	69.7	Pass
						RATING =	69.7	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	62.8	Pass
1	Base Plate	0	73.2	Pass
1	Base Foundation (Structural)	0	66.4	Pass
1	Base Foundation (Soil)	0	82.7	Pass

Structure Rating (max from all components) =	82.7%

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

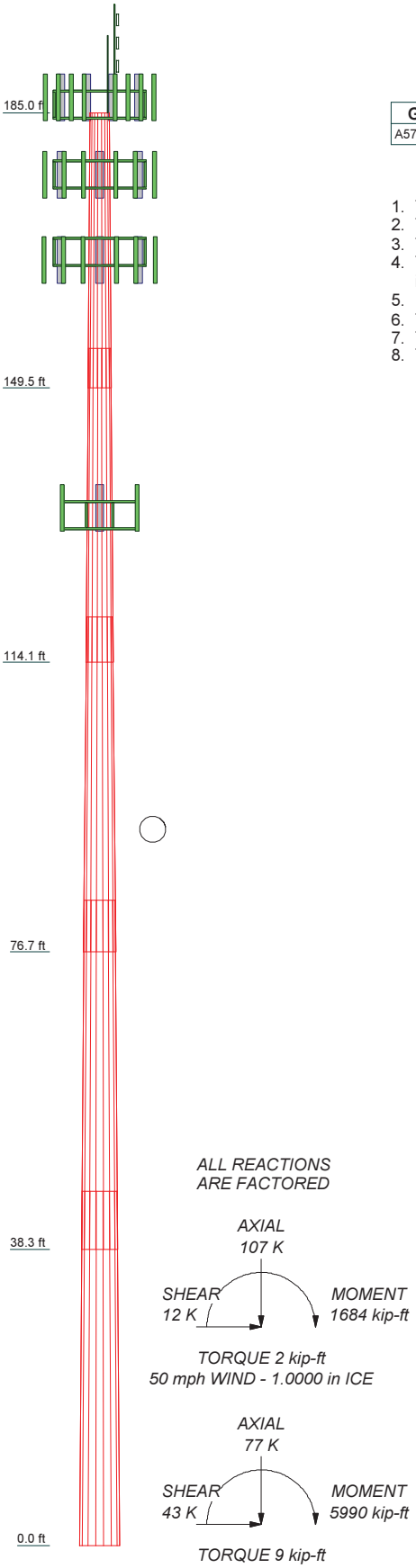
4.1) Recommendations

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

APPENDIX A

TNXTOWER OUTPUT

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	35.54	18	0.2500	5.08	29.0000	36.0600		3.1
2	40.46	18	0.3125	5.83	34.5503	42.4600		5.2
3	43.25	18	0.3750	6.67	40.6947	49.1500	A572-65	7.8
4	45.08	18	0.4375	7.50	47.0966	55.9000		10.9
5	45.75	18	0.5000		53.5604	62.5000		14.2
								41.2



ALL REACTIONS ARE FACTORED

AXIAL 107 K

SHEAR 12 K *MOMENT 1684 kip-ft*

TORQUE 2 kip-ft
50 mph WIND - 1.0000 in ICE

AXIAL 77 K

SHEAR 43 K *MOMENT 5990 kip-ft*

TORQUE 9 kip-ft
REACTIONS - 116 mph WIND

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-H Standard.
3. Tower designed for a 116 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 0.00 ft
8. TOWER RATING: 69.7%

CROWN CASTLE
The Foundation for a Wireless World

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

Job: ***806354***			
Project:			
Client: Crown Castle	Drawn by: Matthew Schmitt		App'd:
Code: TIA-222-H	Date: 01/17/24		Scale: NTS
Path: C:\SAPI Work Area\806354\WO 2278307 - SA\Prod\806354.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 Fairfield County, Connecticut.
Tower base elevation above sea level: 356.00 ft.
Basic wind speed of 116 mph.
Risk Category II.
Exposure Category C.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.0000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
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	185.00-149.46	35.54	5.08	18	29.0000	36.0600	0.2500	1.0000	A572-65 (65 ksi)
L2	149.46-114.08	40.46	5.83	18	34.5503	42.4600	0.3125	1.2500	A572-65 (65 ksi)
L3	114.08-76.67	43.25	6.67	18	40.6947	49.1500	0.3750	1.5000	A572-65 (65 ksi)
L4	76.67-38.25	45.08	7.50	18	47.0966	55.9000	0.4375	1.7500	A572-65 (65 ksi)
L5	38.25-0.00	45.75		18	53.5604	62.5000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	29.4088	22.8131	2382.3081	10.2063	14.7320	161.7098	4767.7509	11.4087	4.6640	18.656
	36.5777	28.4152	4603.5975	12.7126	18.3185	251.3089	9213.2525	14.2103	5.9066	23.626
L2	36.0441	33.9596	5029.3356	12.1544	17.5515	286.5468	10065.2889	16.9830	5.5308	17.699
	43.0668	41.8051	9382.3116	14.9624	21.5697	434.9769	18776.9687	20.9065	6.9230	22.153
L3	42.4225	47.9905	9856.5919	14.3135	20.6729	476.7882	19726.1533	23.9998	6.5023	17.339
	49.8504	58.0544	17448.8767	17.3151	24.9682	698.8440	34920.7131	29.0327	7.9904	21.308
L4	49.0777	64.7920	17820.9870	16.5640	23.9251	744.8664	35665.4233	32.4022	7.5190	17.186
	56.6949	77.0166	29930.9675	19.6892	28.3972	1054.0112	59901.3189	38.5156	9.0684	20.728
L5	55.7975	84.2068	29951.9601	18.8364	27.2087	1100.8242	59943.3317	42.1114	8.5466	17.093
	63.3870	98.3940	47784.7640	22.0100	31.7500	1505.0319	95632.4044	49.2063	10.1200	20.24

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 185.00-149.46				1	1	1			
L2 149.46-114.08				1	1	1			
L3 114.08-76.67				1	1	1			
L4 76.67-38.25				1	1	1			
L5 38.25-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
****										
CR 50 1873PE(1-5/8)	B	No	Surface Ar (CaAa)	177.00 - 8.00	6	6	-0.350 -0.150	1.9800		0.83

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
CR 50 1873PE(1-5/8)	C	No	Surface Ar (CaAa)	177.00 - 8.00	6	6	-0.100 0.100	1.9800		0.83
******										
CU12PSM9P6XXX(1-1/2)	B	No	Surface Ar (CaAa)	133.00 - 8.00	1	1	0.100 0.100	1.6000		2.35
***										

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
Ground Wire (1/2'')	C	No	No	Inside Pole	185.00 - 2.00	3	No Ice	0.00	0.15
							1/2'' Ice	0.00	0.15
							1'' Ice	0.00	0.15
****									
HJ7-50A(1-5/8)	A	No	No	Inside Pole	185.00 - 8.00	6	No Ice	0.00	1.04
							1/2'' Ice	0.00	1.04
							1'' Ice	0.00	1.04
HB158-21U6S12-XXXM-01(1-5/8)	A	No	No	Inside Pole	185.00 - 8.00	2	No Ice	0.00	1.90
							1/2'' Ice	0.00	1.90
							1'' Ice	0.00	1.90
****									
LDF4P-50A(1/2)	C	No	No	Inside Pole	182.00 - 8.00	1	No Ice	0.00	0.15
							1/2'' Ice	0.00	0.15
							1'' Ice	0.00	0.15
FB-L98B-002-75000(3/8)	A	No	No	Inside Pole	177.00 - 8.00	3	No Ice	0.00	0.06
							1/2'' Ice	0.00	0.06
							1'' Ice	0.00	0.06
WR-VG82ST-BRDA(5/8)	A	No	No	Inside Pole	177.00 - 8.00	6	No Ice	0.00	0.31
							1/2'' Ice	0.00	0.31
							1'' Ice	0.00	0.31
PWRT-608-S(13/16)	C	No	No	Inside Pole	177.00 - 8.00	2	No Ice	0.00	0.62
							1/2'' Ice	0.00	0.62
							1'' Ice	0.00	0.62
2'' Rigid Conduit	A	No	No	Inside Pole	177.00 - 8.00	4	No Ice	0.00	2.80
							1/2'' Ice	0.00	2.80
							1'' Ice	0.00	2.80
****									
HB158-21U6S24-xxM_TMO(1-5/8)	B	No	No	Inside Pole	167.00 - 8.00	3	No Ice	0.00	2.50
							1/2'' Ice	0.00	2.50
							1'' Ice	0.00	2.50
******									
LDF4-50A(1/2)	B	No	No	Inside Pole	109.00 - 0.00	1	No Ice	0.00	0.15
							1/2'' Ice	0.00	0.15
							1'' Ice	0.00	0.15
LDF4-50A(1/2)	B	No	No	Inside Pole	106.00 - 0.00	1	No Ice	0.00	0.15
							1/2'' Ice	0.00	0.15
							1'' Ice	0.00	0.15
LDF4-50A(1/2)	B	No	No	Inside Pole	50.00 - 0.00	1	No Ice	0.00	0.15
							1/2'' Ice	0.00	0.15
							1'' Ice	0.00	0.15
***									

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	185.00-149.46	A	0.000	0.000	0.000	0.000	0.72
		B	0.000	0.000	32.718	0.000	0.27
		C	0.000	0.000	32.718	0.000	0.19
L2	149.46-114.08	A	0.000	0.000	0.000	0.000	0.82
		B	0.000	0.000	45.055	0.000	0.49
		C	0.000	0.000	42.028	0.000	0.24
L3	114.08-76.67	A	0.000	0.000	0.000	0.000	0.87
		B	0.000	0.000	50.438	0.000	0.56
		C	0.000	0.000	44.451	0.000	0.26
L4	76.67-38.25	A	0.000	0.000	0.000	0.000	0.89
		B	0.000	0.000	51.781	0.000	0.58
		C	0.000	0.000	45.635	0.000	0.26
L5	38.25-0.00	A	0.000	0.000	0.000	0.000	0.70
		B	0.000	0.000	40.781	0.000	0.47
		C	0.000	0.000	35.941	0.000	0.21

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	185.00-149.46	A	0.999	0.000	0.000	0.000	0.000	0.72
		B		0.000	0.000	47.778	0.000	0.63
		C		0.000	0.000	47.778	0.000	0.55
L2	149.46-114.08	A	0.976	0.000	0.000	0.000	0.000	0.82
		B		0.000	0.000	68.182	0.000	1.00
		C		0.000	0.000	61.374	0.000	0.70
L3	114.08-76.67	A	0.945	0.000	0.000	0.000	0.000	0.87
		B		0.000	0.000	77.983	0.000	1.15
		C		0.000	0.000	64.693	0.000	0.73
L4	76.67-38.25	A	0.898	0.000	0.000	0.000	0.000	0.89
		B		0.000	0.000	79.522	0.000	1.17
		C		0.000	0.000	66.117	0.000	0.73
L5	38.25-0.00	A	0.806	0.000	0.000	0.000	0.000	0.70
		B		0.000	0.000	61.995	0.000	0.90
		C		0.000	0.000	51.720	0.000	0.56

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	185.00-149.46	2.1114	0.5657	1.7051	0.4569
L2	149.46-114.08	2.8532	0.5554	2.4567	0.3982
L3	114.08-76.67	3.3097	0.4892	2.9664	0.3036
L4	76.67-38.25	3.5051	0.5178	3.1496	0.3269
L5	38.25-0.00	3.1380	0.4633	2.8332	0.3006

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	8	CR 50 1873PE(1-5/8)	149.46 - 177.00	1.0000	1.0000
L1	9	CR 50 1873PE(1-5/8)	149.46 - 177.00	1.0000	1.0000
L2	8	CR 50 1873PE(1-5/8)	114.08 - 149.46	1.0000	1.0000
L2	9	CR 50 1873PE(1-5/8)	114.08 - 149.46	1.0000	1.0000
L2	17	CU12PSM9P6XXX(1-1/2)	114.08 - 133.00	1.0000	1.0000
L3	8	CR 50 1873PE(1-5/8)	76.67 - 114.08	1.0000	1.0000
L3	9	CR 50 1873PE(1-5/8)	76.67 - 114.08	1.0000	1.0000
L3	17	CU12PSM9P6XXX(1-1/2)	76.67 - 114.08	1.0000	1.0000
L4	8	CR 50 1873PE(1-5/8)	38.25 - 76.67	1.0000	1.0000
L4	9	CR 50 1873PE(1-5/8)	38.25 - 76.67	1.0000	1.0000
L4	17	CU12PSM9P6XXX(1-1/2)	38.25 - 76.67	1.0000	1.0000
L5	8	CR 50 1873PE(1-5/8)	8.00 - 38.25	1.0000	1.0000
L5	9	CR 50 1873PE(1-5/8)	8.00 - 38.25	1.0000	1.0000
L5	17	CU12PSM9P6XXX(1-1/2)	8.00 - 38.25	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
Lightning Rod 5/8'' x 10'	B	From Leg	0.00 0.00 5.00	0.0000	185.00
4.5' x 2'' Mount Pipe	B	From Leg	0.50 0.00 0.00	0.0000	185.00
****					
(2) BSF0020F3V1	A	From Leg	4.00 0.00 1.00	0.0000	187.00
(2) BSF0020F3V1	B	From Leg	4.00 0.00 1.00	0.0000	187.00
(2) DB846F65ZAXY w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	187.00
(2) DB846F65ZAXY w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	187.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
(2) DB846F65ZAXY w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	187.00
(2) QS8658-5 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	187.00
(2) QS8658-5 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	187.00
(2) QS8658-5 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	187.00
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	187.00
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	187.00
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	187.00
XXDWMM-12.5-65-8T-CBRS w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	187.00
XXDWMM-12.5-65-8T-CBRS w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	187.00
XXDWMM-12.5-65-8T-CBRS w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	187.00
(2) CBC78T-DS-43-2X	A	From Leg	4.00 0.00 -3.00	0.0000	187.00
(2) CBC78T-DS-43-2X	B	From Leg	4.00 0.00 -3.00	0.0000	187.00
(2) CBC78T-DS-43-2X	C	From Leg	4.00 0.00 -3.00	0.0000	187.00
(2) RRFDC-3315-PF-48	B	From Leg	4.00 0.00 3.00	0.0000	187.00
RFV01U-D1A	A	From Leg	4.00 0.00 1.00	0.0000	187.00
RFV01U-D1A	B	From Leg	4.00 0.00 1.00	0.0000	187.00
RFV01U-D1A	C	From Leg	4.00 0.00 1.00	0.0000	187.00
RFV01U-D2A	A	From Leg	4.00 0.00 1.00	0.0000	187.00
RFV01U-D2A	B	From Leg	4.00 0.00 0.00	0.0000	187.00
RFV01U-D2A	C	From Leg	4.00 0.00	0.0000	187.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
			1.00		
Platform Mount [LP 712-1]	C	None		0.0000	186.00
Miscellaneous [NA 507-1]	C	None		0.0000	186.00
Side Arm Mount [SO 103-3]	C	None		0.0000	186.00
8' Ladder	B	From Leg	2.00 0.00 -8.00	0.0000	184.00
Side-By-Side Mouting Bracket	A	From Leg	4.00 0.00 0.00	0.0000	187.00
Side-By-Side Mouting Bracket	B	From Leg	4.00 0.00 0.00	0.0000	187.00
Side-By-Side Mouting Bracket	C	From Leg	4.00 0.00 0.00	0.0000	187.00
***					
ASP-601	B	From Leg	1.00 0.00 12.00	0.0000	182.00
Side Arm Mount [SO 104-3]	C	None		0.0000	182.00
6' x 2'' Mount Pipe	B	From Leg	1.00 0.00 6.00	0.0000	182.00
******					
OPA65R-BU6D w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	177.00
OPA65R-BU6D w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	177.00
OPA65R-BU6D w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	177.00
(3) 2012 B29	A	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 32 B30	A	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 32 B30	B	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 32 B30	C	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 4449 B5/B12	A	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 4449 B5/B12	B	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 4449 B5/B12	C	From Leg	4.00 0.00 0.00	0.0000	177.00
OPA-65R-LCUU-H6 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	177.00
OPA-65R-LCUU-H6 w/ Mount	B	From Leg	4.00	0.0000	177.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
Pipe			0.00 0.00		
OPA-65R-LCUU-H6 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	177.00
EPBQ-654L8H6-L2 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	177.00
EPBQ-654L8H6-L2 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	177.00
EPBQ-654L8H6-L2 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 32 B2	A	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 32 B2	B	From Leg	4.00 0.00 0.00	0.0000	177.00
RRUS 32 B2	C	From Leg	4.00 0.00 0.00	0.0000	177.00
(3) RRUS 32 B66	A	From Leg	4.00 0.00 0.00	0.0000	177.00
(3) RRUS 4478 B14	A	From Leg	4.00 0.00 0.00	0.0000	177.00
DC6-48-60-18-8F	A	From Leg	4.00 0.00 0.00	0.0000	177.00
DC6-48-60-18-8F	B	From Leg	4.00 0.00 0.00	0.0000	177.00
DC6-48-60-18-8F	C	From Leg	4.00 0.00 0.00	0.0000	177.00
13 ft Platform Mount [#T1542KT12XS-M-H35]	C	None		0.0000	177.00
(3) 10' Pipe Mount [#P30120]	A	From Leg	4.00 0.00 0.00	0.0000	177.00
(3) 10' Pipe Mount [#P30120]	B	From Leg	4.00 0.00 0.00	0.0000	177.00
(3) 10' Pipe Mount [#P30120]	C	From Leg	4.00 0.00 0.00	0.0000	177.00
(2) 7' Pipe Mount [#P2.0 STD]	A	From Leg	2.00 0.00 0.00	0.0000	177.00
(2) 7' Pipe Mount [#P2.0 STD]	B	From Leg	2.00 0.00 0.00	0.0000	177.00
(2) 7' Pipe Mount [#P2.0 STD]	C	From Leg	2.00 0.00 0.00	0.0000	177.00

******

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
VV-65A-R1_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 -1.00	0.0000	167.00
VV-65A-R1_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 -1.00	0.0000	167.00
VV-65A-R1_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 -1.00	0.0000	167.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	167.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	167.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	167.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	167.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	167.00
APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	167.00
RADIO 4460 B2/B25 B66_TMO	A	From Leg	4.00 0.00 0.00	0.0000	167.00
RADIO 4460 B2/B25 B66_TMO	B	From Leg	4.00 0.00 0.00	0.0000	167.00
RADIO 4460 B2/B25 B66_TMO	C	From Leg	4.00 0.00 0.00	0.0000	167.00
RADIO 4480 B71_TMO	A	From Leg	4.00 0.00 1.00	0.0000	167.00
RADIO 4480 B71_TMO	B	From Leg	4.00 0.00 1.00	0.0000	167.00
RADIO 4480 B71_TMO	C	From Leg	4.00 0.00 1.00	0.0000	167.00
Platform Mount [LP 712-1]	C	None		0.0000	167.00
Miscellaneous [NA 507-1]	C	None		0.0000	167.00
8' Mount Pipe [#P2.0 STD]	A	From Leg	4.00 0.00 0.00	0.0000	167.00
8' Mount Pipe [#P2.0 STD]	B	From Leg	4.00 0.00 0.00	0.0000	167.00
8' Mount Pipe [#P2.0 STD]	C	From Leg	4.00 0.00 0.00	0.0000	167.00
8' Ladder	A	From Leg	2.00 0.00 0.00	0.0000	167.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
******					
FFVV-65B-R2 w/ Mount Pipe	A	From Leg	4.00 0.00 1.00	0.0000	133.00
FFVV-65B-R2 w/ Mount Pipe	B	From Leg	4.00 0.00 1.00	0.0000	133.00
FFVV-65B-R2 w/ Mount Pipe	C	From Leg	4.00 0.00 1.00	0.0000	133.00
TA08025-B604	A	From Leg	4.00 0.00 0.00	0.0000	133.00
TA08025-B604	B	From Leg	4.00 0.00 0.00	0.0000	133.00
TA08025-B604	C	From Leg	4.00 0.00 0.00	0.0000	133.00
TA08025-B605	A	From Leg	4.00 0.00 0.00	0.0000	133.00
TA08025-B605	B	From Leg	4.00 0.00 0.00	0.0000	133.00
TA08025-B605	C	From Leg	4.00 0.00 0.00	0.0000	133.00
RDIDC-9181-PF-48	B	From Leg	4.00 0.00 0.00	0.0000	133.00
Valmont SNP8HR-396	C	None		0.0000	133.00
(2) 8' x 2'' Mount Pipe	A	From Leg	4.00 0.00 0.00	0.0000	133.00
(2) 8' x 2'' Mount Pipe	B	From Leg	4.00 0.00 0.00	0.0000	133.00
(2) 8' x 2'' Mount Pipe	C	From Leg	4.00 0.00 0.00	0.0000	133.00
******					
GPS_A	C	From Face	3.00 0.00 1.00	0.0000	109.00
Side Arm Mount [SO 701-1]	C	From Face	1.50 0.00 0.00	0.0000	109.00
2.4'' Dia x 18'' Pipe	C	From Face	3.00 0.00 0.00	0.0000	109.00
******					
GPS_A	C	From Leg	3.00 0.00 1.00	0.0000	106.00
Side Arm Mount [SO 701-1]	C	From Leg	1.50 0.00 0.00	0.0000	106.00
2.4'' Dia x 18'' Pipe	C	From Leg	3.00	0.0000	106.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
			0.00 0.00		
******					
GPS_A	C	From Face	3.00 0.00 2.00	0.0000	50.00
Side Arm Mount [SO 701-1]	C	From Face	1.50 0.00 0.00	0.0000	50.00
2.4'' Dia x 18'' Pipe	C	From Face	3.00 0.00 0.00	0.0000	50.00
******					

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp

Comb. No.	Description
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	185 - 149.46	Pole	Max Tension	39	0.00	0.00	-0.00
			Max. Compression	26	-34.38	-2.74	4.28
			Max. Mx	8	-17.58	-549.44	3.09
			Max. My	2	-17.53	-1.08	558.01
			Max. Vy	8	23.92	-549.44	3.09
			Max. Vx	2	-24.17	-1.08	558.01
			Max. Torque	12			9.10
L2	149.46 - 114.083	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-49.31	-4.40	3.81
			Max. Mx	8	-28.15	-1484.44	2.90
			Max. My	2	-28.12	-1.68	1500.88
			Max. Vy	8	30.66	-1484.44	2.90
			Max. Vx	2	-30.90	-1.68	1500.88
			Max. Torque	12			10.04
L3	114.083 - 76.666	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-63.63	-5.76	2.76
			Max. Mx	8	-39.65	-2687.17	2.33
			Max. My	2	-39.63	-2.08	2710.96
			Max. Vy	8	34.91	-2687.17	2.33
			Max. Vx	2	-35.12	-2.08	2710.96
			Max. Torque	12			10.02
L4	76.666 - 38.253	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-81.69	-7.48	1.74
			Max. Mx	8	-54.81	-4077.48	1.87
			Max. My	2	-54.80	-2.78	4108.17
			Max. Vy	8	38.93	-4077.48	1.87
			Max. Vx	2	-39.11	-2.78	4108.17
			Max. Torque	12			9.52
L5	38.253 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-107.28	-9.35	1.17
			Max. Mx	8	-77.30	-5952.11	1.75
			Max. My	2	-77.30	-3.50	5990.08
			Max. Vy	8	42.62	-5952.11	1.75
			Max. Vx	2	-42.79	-3.50	5990.08
			Max. Torque	12			9.38

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	107.28	-0.00	12.03
	Max. H_x	20	77.32	42.57	-0.00
	Max. H_z	2	77.32	-0.00	42.74
	Max. M_x	2	5990.08	-0.00	42.74
	Max. M_z	8	5952.11	-42.57	-0.00
	Max. Torsion	12	9.38	-21.36	-37.00
	Min. Vert	5	57.99	-21.34	36.96
	Min. H_x	8	77.32	-42.57	-0.00
	Min. H_z	14	77.32	-0.00	-42.74
	Min. M_x	14	-5986.79	-0.00	-42.74
	Min. M_z	20	-5945.07	42.57	-0.00
	Min. Torsion	24	-9.37	21.36	37.00

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	64.44	0.00	0.00	-1.26	-2.80	-0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	77.32	0.00	-42.74	-5990.08	-3.50	2.35
0.9 Dead+1.0 Wind 0 deg - No Ice	57.99	0.00	-42.74	-5901.94	-2.58	2.33
1.2 Dead+1.0 Wind 30 deg - No Ice	77.32	21.34	-36.96	-5175.78	-2990.91	-5.31
0.9 Dead+1.0 Wind 30 deg - No Ice	57.99	21.34	-36.96	-5099.59	-2946.23	-5.29
1.2 Dead+1.0 Wind 60 deg - No Ice	77.32	36.88	-21.29	-2979.00	-5160.44	-0.09
0.9 Dead+1.0 Wind 60 deg - No Ice	57.99	36.88	-21.29	-2934.99	-5084.07	-0.04
1.2 Dead+1.0 Wind 90 deg - No Ice	77.32	42.57	0.00	-1.75	-5952.11	5.15
0.9 Dead+1.0 Wind 90 deg - No Ice	57.99	42.57	0.00	-1.26	-5864.19	5.23
1.2 Dead+1.0 Wind 120 deg - No Ice	77.32	36.92	21.32	2979.57	-5167.11	-2.44
0.9 Dead+1.0 Wind 120 deg - No Ice	57.99	36.92	21.32	2936.41	-5090.64	-2.37
1.2 Dead+1.0 Wind 150 deg - No Ice	77.32	21.36	37.00	5179.27	-2994.58	-9.38
0.9 Dead+1.0 Wind 150 deg - No Ice	57.99	21.36	37.00	5103.87	-2949.89	-9.33
1.2 Dead+1.0 Wind 180 deg - No Ice	77.32	0.00	42.74	5986.79	-3.50	-2.35
0.9 Dead+1.0 Wind 180 deg - No Ice	57.99	0.00	42.74	5899.56	-2.58	-2.33
1.2 Dead+1.0 Wind 210 deg - No Ice	77.32	-21.34	36.96	5172.58	2983.71	5.31
0.9 Dead+1.0 Wind 210 deg - No Ice	57.99	-21.34	36.96	5097.28	2940.94	5.29
1.2 Dead+1.0 Wind 240 deg - No Ice	77.32	-36.88	21.29	2975.70	5153.41	0.09

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
0.9 Dead+1.0 Wind 240 deg - No Ice	57.99	-36.88	21.29	2932.61	5078.90	0.04
1.2 Dead+1.0 Wind 270 deg - No Ice	77.32	-42.57	0.00	-1.75	5945.07	-5.15
0.9 Dead+1.0 Wind 270 deg - No Ice	57.99	-42.57	0.00	-1.26	5859.01	-5.23
1.2 Dead+1.0 Wind 300 deg - No Ice	77.32	-36.92	-21.32	-2982.84	5160.09	2.44
0.9 Dead+1.0 Wind 300 deg - No Ice	57.99	-36.92	-21.32	-2938.77	5085.48	2.37
1.2 Dead+1.0 Wind 330 deg - No Ice	77.32	-21.36	-37.00	-5182.44	2987.76	9.37
0.9 Dead+1.0 Wind 330 deg - No Ice	57.99	-21.36	-37.00	-5106.15	2944.87	9.33
1.2 Dead+1.0 Ice+1.0 Temp	107.28	0.00	-0.00	-1.17	-9.35	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	107.28	0.00	-12.03	-1682.48	-9.66	0.75
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	107.28	6.01	-10.41	-1454.25	-848.58	-0.84
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	107.28	10.39	-6.00	-838.05	-1459.06	0.06
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	107.28	12.00	-0.00	-1.24	-1682.55	0.95
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	107.28	10.41	6.01	836.93	-1461.40	-0.68
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	107.28	6.02	10.42	1454.13	-849.91	-2.14
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	107.28	0.00	12.03	1680.01	-9.66	-0.75
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	107.28	-6.01	10.41	1451.79	829.23	0.84
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	107.28	-10.39	6.00	835.57	1439.73	-0.07
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	107.28	-12.00	-0.00	-1.24	1663.22	-0.95
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	107.28	-10.41	-6.01	-839.40	1442.08	0.68
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	107.28	-6.02	-10.42	-1456.59	830.60	2.13
Dead+Wind 0 deg - Service	64.44	0.00	-10.77	-1498.63	-2.92	0.60
Dead+Wind 30 deg - Service	64.44	5.38	-9.31	-1295.04	-749.83	-1.36
Dead+Wind 60 deg - Service	64.44	9.30	-5.37	-745.77	-1292.28	-0.02
Dead+Wind 90 deg - Service	64.44	10.73	0.00	-1.36	-1490.20	1.33
Dead+Wind 120 deg - Service	64.44	9.31	5.37	744.02	-1293.95	-0.61
Dead+Wind 150 deg - Service	64.44	5.38	9.32	1294.01	-750.79	-2.39
Dead+Wind 180 deg - Service	64.44	0.00	10.77	1495.92	-2.92	-0.60
Dead+Wind 210 deg - Service	64.44	-5.38	9.31	1292.33	743.99	1.36
Dead+Wind 240 deg - Service	64.44	-9.30	5.37	743.06	1286.44	0.02
Dead+Wind 270 deg - Service	64.44	-10.73	0.00	-1.36	1484.36	-1.33
Dead+Wind 300 deg - Service	64.44	-9.31	-5.37	-746.73	1288.12	0.61
Dead+Wind 330 deg - Service	64.44	-5.38	-9.32	-1296.71	744.96	2.39

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.00	-64.44	0.00	0.00	64.44	0.00	0.000%
2	0.00	-77.32	-42.74	-0.00	77.32	42.74	0.000%
3	0.00	-57.99	-42.74	-0.00	57.99	42.74	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
4	21.34	-77.32	-36.96	-21.34	77.32	36.96	0.000%
5	21.34	-57.99	-36.96	-21.34	57.99	36.96	0.000%
6	36.88	-77.32	-21.29	-36.88	77.32	21.29	0.000%
7	36.88	-57.99	-21.29	-36.88	57.99	21.29	0.000%
8	42.57	-77.32	0.00	-42.57	77.32	-0.00	0.000%
9	42.57	-57.99	0.00	-42.57	57.99	-0.00	0.000%
10	36.92	-77.32	21.32	-36.92	77.32	-21.32	0.000%
11	36.92	-57.99	21.32	-36.92	57.99	-21.32	0.000%
12	21.36	-77.32	37.00	-21.36	77.32	-37.00	0.000%
13	21.36	-57.99	37.00	-21.36	57.99	-37.00	0.000%
14	0.00	-77.32	42.74	-0.00	77.32	-42.74	0.000%
15	0.00	-57.99	42.74	-0.00	57.99	-42.74	0.000%
16	-21.34	-77.32	36.96	21.34	77.32	-36.96	0.000%
17	-21.34	-57.99	36.96	21.34	57.99	-36.96	0.000%
18	-36.88	-77.32	21.29	36.88	77.32	-21.29	0.000%
19	-36.88	-57.99	21.29	36.88	57.99	-21.29	0.000%
20	-42.57	-77.32	0.00	42.57	77.32	-0.00	0.000%
21	-42.57	-57.99	0.00	42.57	57.99	-0.00	0.000%
22	-36.92	-77.32	-21.32	36.92	77.32	21.32	0.000%
23	-36.92	-57.99	-21.32	36.92	57.99	21.32	0.000%
24	-21.36	-77.32	-37.00	21.36	77.32	37.00	0.000%
25	-21.36	-57.99	-37.00	21.36	57.99	37.00	0.000%
26	0.00	-107.28	0.00	-0.00	107.28	0.00	0.000%
27	0.00	-107.28	-12.03	-0.00	107.28	12.03	0.000%
28	6.01	-107.28	-10.41	-6.01	107.28	10.41	0.000%
29	10.39	-107.28	-6.00	-10.39	107.28	6.00	0.000%
30	12.00	-107.28	0.00	-12.00	107.28	0.00	0.000%
31	10.41	-107.28	6.01	-10.41	107.28	-6.01	0.000%
32	6.02	-107.28	10.42	-6.02	107.28	-10.42	0.000%
33	0.00	-107.28	12.03	-0.00	107.28	-12.03	0.000%
34	-6.01	-107.28	10.41	6.01	107.28	-10.41	0.000%
35	-10.39	-107.28	6.00	10.39	107.28	-6.00	0.000%
36	-12.00	-107.28	0.00	12.00	107.28	0.00	0.000%
37	-10.41	-107.28	-6.01	10.41	107.28	6.01	0.000%
38	-6.02	-107.28	-10.42	6.02	107.28	10.42	0.000%
39	0.00	-64.44	-10.77	-0.00	64.44	10.77	0.000%
40	5.38	-64.44	-9.31	-5.38	64.44	9.31	0.000%
41	9.30	-64.44	-5.37	-9.30	64.44	5.37	0.000%
42	10.73	-64.44	0.00	-10.73	64.44	-0.00	0.000%
43	9.31	-64.44	5.37	-9.31	64.44	-5.37	0.000%
44	5.38	-64.44	9.32	-5.38	64.44	-9.32	0.000%
45	0.00	-64.44	10.77	-0.00	64.44	-10.77	0.000%
46	-5.38	-64.44	9.31	5.38	64.44	-9.31	0.000%
47	-9.30	-64.44	5.37	9.30	64.44	-5.37	0.000%
48	-10.73	-64.44	0.00	10.73	64.44	-0.00	0.000%
49	-9.31	-64.44	-5.37	9.31	64.44	5.37	0.000%
50	-5.38	-64.44	-9.32	5.38	64.44	9.32	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00027528
3	Yes	5	0.00000001	0.00012843
4	Yes	6	0.00000001	0.00042018
5	Yes	6	0.00000001	0.00013428
6	Yes	6	0.00000001	0.00043767

7	Yes	6	0.00000001	0.00014104
8	Yes	5	0.00000001	0.00045424
9	Yes	5	0.00000001	0.00022294
10	Yes	6	0.00000001	0.00042462
11	Yes	6	0.00000001	0.00013649
12	Yes	6	0.00000001	0.00048099
13	Yes	6	0.00000001	0.00015675
14	Yes	5	0.00000001	0.00027490
15	Yes	5	0.00000001	0.00012831
16	Yes	6	0.00000001	0.00045887
17	Yes	6	0.00000001	0.00014894
18	Yes	6	0.00000001	0.00043163
19	Yes	6	0.00000001	0.00013937
20	Yes	5	0.00000001	0.00045390
21	Yes	5	0.00000001	0.00022284
22	Yes	6	0.00000001	0.00044776
23	Yes	6	0.00000001	0.00014479
24	Yes	6	0.00000001	0.00040677
25	Yes	6	0.00000001	0.00012952
26	Yes	4	0.00000001	0.00007040
27	Yes	6	0.00000001	0.00012674
28	Yes	6	0.00000001	0.00018687
29	Yes	6	0.00000001	0.00018764
30	Yes	6	0.00000001	0.00012616
31	Yes	6	0.00000001	0.00018389
32	Yes	6	0.00000001	0.00019530
33	Yes	6	0.00000001	0.00012565
34	Yes	6	0.00000001	0.00018531
35	Yes	6	0.00000001	0.00018185
36	Yes	6	0.00000001	0.00012422
37	Yes	6	0.00000001	0.00018708
38	Yes	6	0.00000001	0.00018156
39	Yes	4	0.00000001	0.00035155
40	Yes	5	0.00000001	0.00011400
41	Yes	5	0.00000001	0.00012579
42	Yes	4	0.00000001	0.00052926
43	Yes	5	0.00000001	0.00011535
44	Yes	5	0.00000001	0.00016464
45	Yes	4	0.00000001	0.00034938
46	Yes	5	0.00000001	0.00014270
47	Yes	5	0.00000001	0.00012004
48	Yes	4	0.00000001	0.00052652
49	Yes	5	0.00000001	0.00013353
50	Yes	5	0.00000001	0.00011043

Maximum Tower Deflections - Service Wind

Section No.	*Elevation*	*Horz. Deflection*	*Gov. Load*	*Tilt*	*Twist*
	ft	*in*	*Comb.*	*°*	*°*
L1	185 - 149.46	34.112	39	1.6491	0.0142
L2	154.543 - 114.083	23.912	39	1.5008	0.0089
L3	119.916 - 76.666	14.125	39	1.1568	0.0047
L4	83.333 - 38.253	6.649	39	0.7629	0.0023
L5	45.753 - 0	1.994	39	0.3932	0.0010

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
187.00	(2) BSF0020F3V1	39	34.112	1.6491	0.0142	40860
186.00	Platform Mount [LP 712-1]	39	34.112	1.6491	0.0142	40860
185.00	Lightning Rod 5/8'' x 10'	39	34.112	1.6491	0.0142	40860
184.00	8' Ladder	39	33.768	1.6455	0.0140	40860
182.00	ASP-601	39	33.080	1.6381	0.0137	40860
177.00	OPA65R-BU6D w/ Mount Pipe	39	31.365	1.6192	0.0128	25537
167.00	VV-65A-R1_TMO w/ Mount Pipe	39	27.977	1.5756	0.0110	11349
133.00	FFVV-65B-R2 w/ Mount Pipe	39	17.530	1.3009	0.0060	5648
109.00	GPS_A	39	11.584	1.0365	0.0038	5332
106.00	GPS_A	39	10.933	1.0038	0.0036	5383
50.00	GPS_A	39	2.358	0.4326	0.0011	5035

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	185 - 149.46	136.209	2	6.5802	0.0560
L2	154.543 - 114.083	95.565	2	5.9978	0.0350
L3	119.916 - 76.666	56.489	2	4.6280	0.0185
L4	83.333 - 38.253	26.595	2	3.0531	0.0091
L5	45.753 - 0	7.975	2	1.5730	0.0038

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
187.00	(2) BSF0020F3V1	2	136.209	6.5802	0.0560	10607
186.00	Platform Mount [LP 712-1]	2	136.209	6.5802	0.0560	10607
185.00	Lightning Rod 5/8'' x 10'	2	136.209	6.5802	0.0560	10607
184.00	8' Ladder	2	134.839	6.5659	0.0553	10607
182.00	ASP-601	2	132.100	6.5373	0.0538	10607
177.00	OPA65R-BU6D w/ Mount Pipe	2	125.268	6.4634	0.0502	6629
167.00	VV-65A-R1_TMO w/ Mount Pipe	2	111.771	6.2930	0.0431	2944
133.00	FFVV-65B-R2 w/ Mount Pipe	2	70.091	5.2029	0.0237	1441
109.00	GPS_A	2	46.330	4.1475	0.0150	1347
106.00	GPS_A	2	43.727	4.0169	0.0142	1359
50.00	GPS_A	2	9.430	1.7308	0.0043	1260

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 $\frac{P_u}{\phi P_n}$

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	185 - 149.46 (1)	TP36.06x29x0.25	35.54	0.00	0.0	27.6140	-17.53	1615.42	0.011
L2	149.46 - 114.083 (2)	TP42.46x34.5503x0.3125	40.46	0.00	0.0	40.6740	-28.12	2379.43	0.012
L3	114.083 - 76.666 (3)	TP49.15x40.6947x0.375	43.25	0.00	0.0	56.5031	-39.63	3305.43	0.012
L4	76.666 - 38.253 (4)	TP55.9x47.0966x0.4375	45.08	0.00	0.0	74.9828	-54.80	4386.49	0.012
L5	38.253 - 0 (5)	TP62.5x53.5604x0.5	45.75	0.00	0.0	98.3940	-77.30	5756.05	0.013

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	185 - 149.46 (1)	TP36.06x29x0.25	558.01	1306.51	0.427	0.00	1306.51	0.000
L2	149.46 - 114.083 (2)	TP42.46x34.5503x0.3125	1500.88	2317.66	0.648	0.00	2317.66	0.000
L3	114.083 - 76.666 (3)	TP49.15x40.6947x0.375	2710.96	3773.73	0.718	0.00	3773.73	0.000
L4	76.666 - 38.253 (4)	TP55.9x47.0966x0.4375	4108.17	5744.41	0.715	0.00	5744.41	0.000
L5	38.253 - 0 (5)	TP62.5x53.5604x0.5	5990.08	8641.83	0.693	0.00	8641.83	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	185 - 149.46 (1)	TP36.06x29x0.25	24.17	484.63	0.050	2.38	1476.96	0.002
L2	149.46 - 114.083 (2)	TP42.46x34.5503x0.3125	30.90	713.83	0.043	2.63	2563.50	0.001
L3	114.083 - 76.666 (3)	TP49.15x40.6947x0.375	35.12	991.63	0.035	2.35	4122.52	0.001
L4	76.666 - 38.253 (4)	TP55.9x47.0966x0.4375	39.11	1315.95	0.030	2.35	6222.93	0.000
L5	38.253 - 0 (5)	TP62.5x53.5604x0.5	42.79	1726.81	0.025	2.35	9376.00	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	185 - 149.46 (1)	0.011	0.427	0.000	0.050	0.002	0.441	1.050	
L2	149.46 -	0.012	0.648	0.000	0.043	0.001	0.661	1.050	

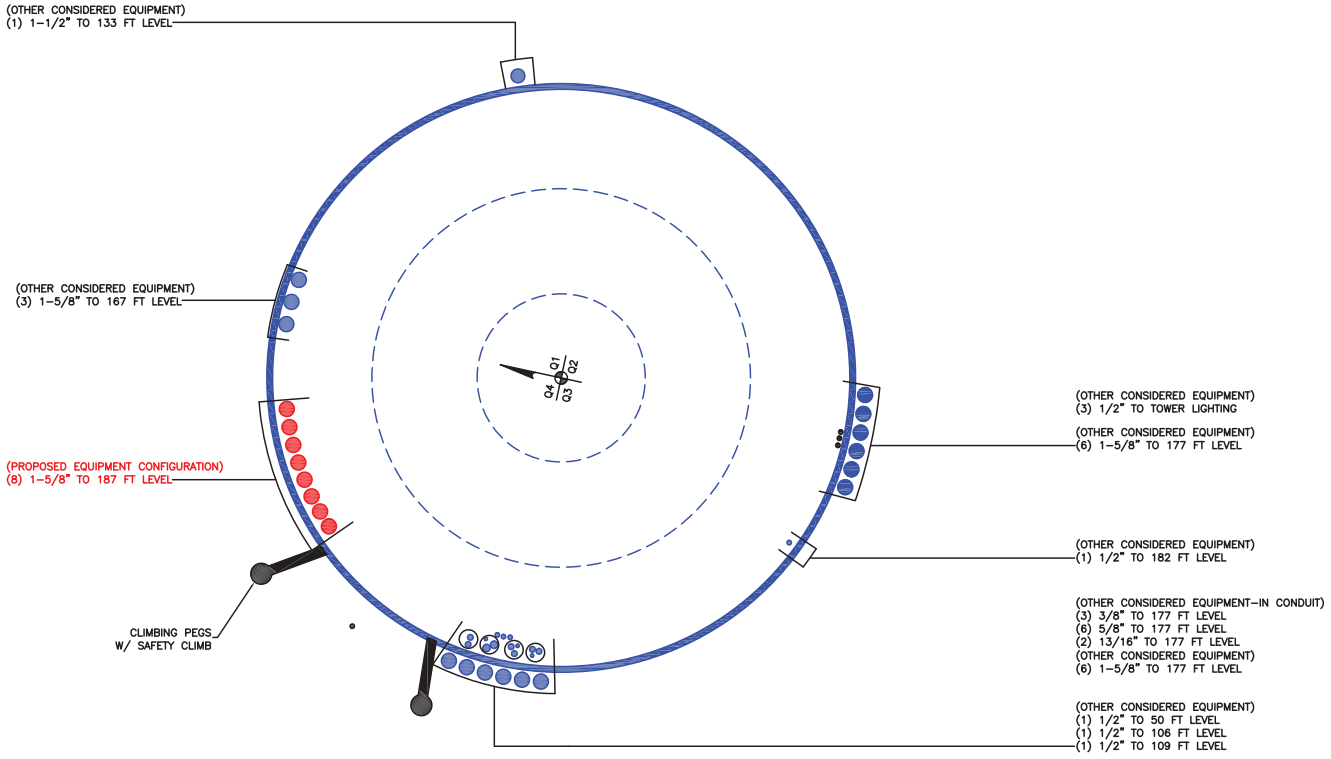
Section No.	Elevation ft	Ratio P_u / ϕP_n	Ratio M_{ux} / ϕM_{nx}	Ratio M_{uy} / ϕM_{ny}	Ratio V_u / ϕV_n	Ratio T_u / ϕT_n	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L3	114.083 (2) 114.083 - 76.666 (3)	0.012	0.718	0.000	0.035	0.001	0.732	1.050	
L4	76.666 - 38.253 (4)	0.012	0.715	0.000	0.030	0.000	0.729	1.050	
L5	38.253 - 0 (5)	0.013	0.693	0.000	0.025	0.000	0.707	1.050	

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	185 - 149.46	Pole	TP36.06x29x0.25	1	-17.53	1696.19	42.0	Pass
L2	149.46 - 114.083	Pole	TP42.46x34.5503x0.3125	2	-28.12	2498.40	63.0	Pass
L3	114.083 - 76.666	Pole	TP49.15x40.6947x0.375	3	-39.63	3470.70	69.7	Pass
L4	76.666 - 38.253	Pole	TP55.9x47.0966x0.4375	4	-54.80	4605.81	69.4	Pass
L5	38.253 - 0	Pole	TP62.5x53.5604x0.5	5	-77.30	6043.85	67.4	Pass
							Summary	
							Pole (L3)	69.7	Pass
							RATING =	**69.7**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 133 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(3) 1-5/8" TO 167 FT LEVEL
(PROPOSED EQUIPMENT CONFIGURATION)
(8) 1-5/8" TO 187 FT LEVEL
CLIMBING PEGS
W/ SAFETY CLIMB
Q1
Q2
Q3
Q4
(OTHER CONSIDERED EQUIPMENT)
(3) 1/2" TO TOWER LIGHTING
(OTHER CONSIDERED EQUIPMENT)
(6) 1-5/8" TO 177 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 182 FT LEVEL
(OTHER CONSIDERED EQUIPMENT-IN CONDUIT)
(3) 3/8" TO 177 FT LEVEL
(6) 5/8" TO 177 FT LEVEL
(2) 13/16" TO 177 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(6) 1-5/8" TO 177 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 50 FT LEVEL
(1) 1/2" TO 106 FT LEVEL
(1) 1/2" TO 109 FT LEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

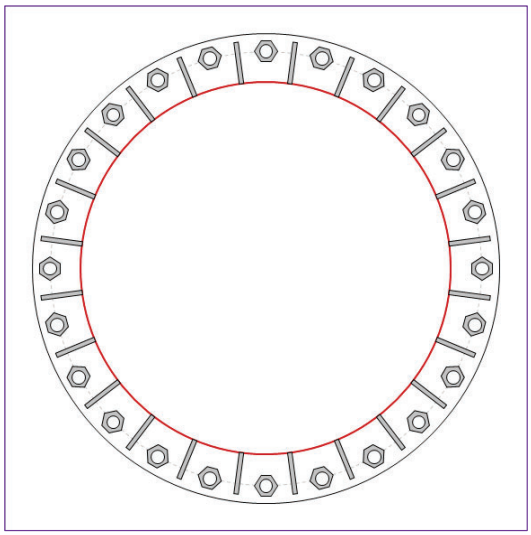
Monopole Base Plate Connection

Site Info	
BU #	806354
Site Name	BRG 123 943084
Order #	654593 REV. 0

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

Applied Loads	
Moment (kip-ft)	5990.08
Axial Force (kips)	77.30
Shear Force (kips)	42.79

**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 73" BC

Base Plate Data

79" OD x 2.5" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

(24) 15"H x 7"W x 0.75"T, Notch: 0.5"
plate: Fy= 50 ksi ; weld: Fy= 70 ksi
horiz. weld: 0.5" fillet
vert. weld: 0.375" fillet

Pole Data

62.5" x 0.5" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary		*(units of kips, kip-in)*
Pu_t = 160.83	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.78	ϕVn = 149.1	**62.8%**
Mu = n/a	ϕMn = n/a	Pass

Base Plate Summary		
Max Stress (ksi):	20.15	(Roark's Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**35.5%**	Pass

Stiffener Summary		
Horizontal Weld:	**73.2%**	Pass
Vertical Weld:	**50.6%**	Pass
Plate Flexure+Shear:	**24.4%**	Pass
Plate Tension+Shear:	**52.1%**	Pass
Plate Compression:	**68.4%**	Pass

Pole Summary		
Punching Shear:	**12.7%**	Pass

Pier and Pad Foundation

BU # :	806354
Site Name:	BRG 123 943084
App. Number:	654593 REV. 0

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	77.32	kips
Base Shear, Vu_comp:	42.74	kips
Moment, M_u:	5990.08	ft-kips
Tower Height, **H**:	185	ft
BP Dist. Above Fdn, bp_{dist}:	4.5	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	8	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	9	
Pier Rebar Quantity, **mc**:	48	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	5	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	5	in

Pad Properties		
Depth, **D**:	6	ft
Pad Width, W_1:	28	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Bottom dir. 2), Sp_2:	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	45	
Pad Clear Cover, cc_{pad}:	3	in

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

Soil Properties		
Total Soil Unit Weight, γ:	120	pcf
Ultimate Gross Bearing, Qult:	6.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	34	degrees
SPT Blow Count, N_{blows}:	26	
Base Friction, μ:	0.6	
Neglected Depth, **N**:	4.00	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	10	ft

<--Toggle between Gross and Net

Foundation Analysis Checks				
	Capacity	**Demand**	**Rating***	**Check**
Lateral (Sliding) (kips)	378.64	42.74	**10.8%**	**Pass**
Bearing Pressure (ksf)	4.50	2.98	**66.1%**	**Pass**
*Overturning (kip*ft)*	7621.62	6305.29	**82.7%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	8831.03	6161.04	**66.4%**	**Pass**
Pier Compression (kip)	40734.72	123.40	**0.3%**	**Pass**
*Pad Flexure (kip*ft)*	6100.57	2734.98	**42.7%**	**Pass**
Pad Shear - 1-way (kips)	997.97	382.58	**36.5%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.049	**24.8%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	7400.51	3696.62	**47.6%**	**Pass**

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

Structural Rating*:	**66.4%**
Soil Rating*:	**82.7%**

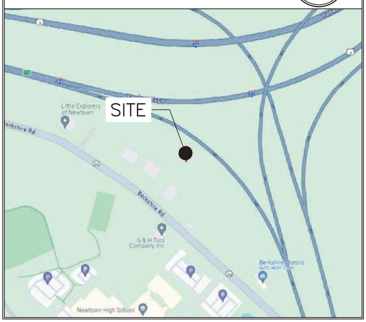
Version 5.0.2

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

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

LOCATION MAP
N.T.S

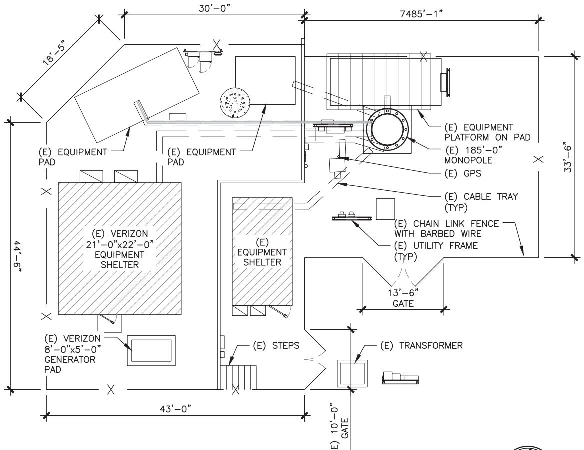
N



APPROXIMATE COORDINATES:	LATITUDE: LONGITUDE:	41° 24' 45.53" N 73° 16' 12.34" W	41.412647° N 73.270094° W

N

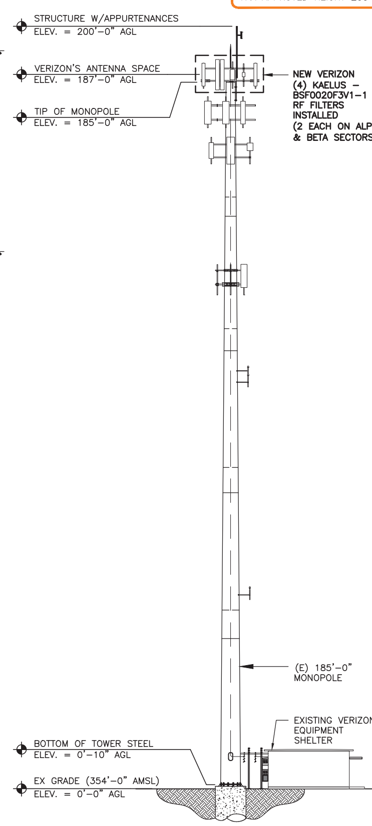
1 PARTIAL SITE / KEY PLAN
SCALE: N.T.S.



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

N

INSTALLER NOTE:
FAA APPROVED HEIGHT 200'-0"



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

NEWTOWN CT

21 BERKSHIRE ROAD
NEWTOWN, CT 06482

EXISTING MONOPOLE

PROJECT NO:	136440.014.01
CHECKED BY:	AY

ISSUED FOR:

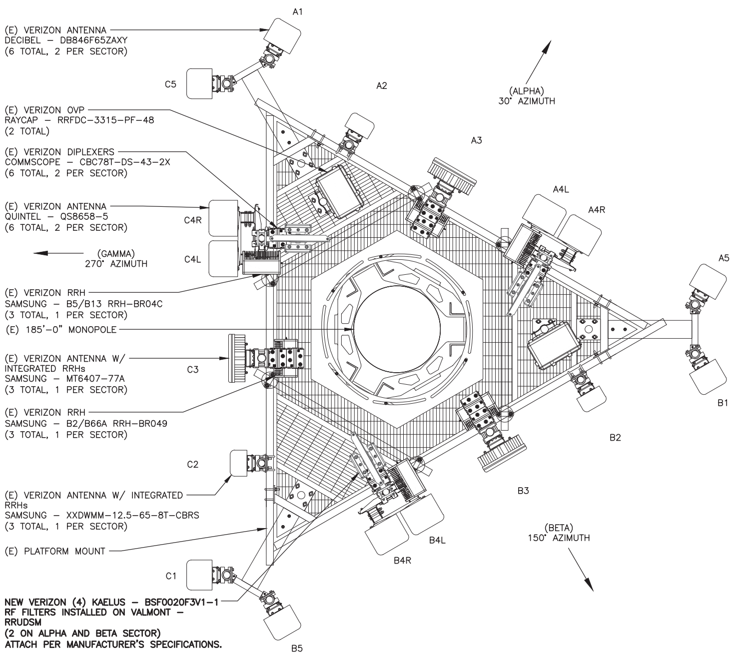
REV	DATE	DRWN	DESCRIPTION
0	3/25/24	JDB	CONSTRUCTION

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

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

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

SHEET NUMBER:	REVISION:
LE-1	0



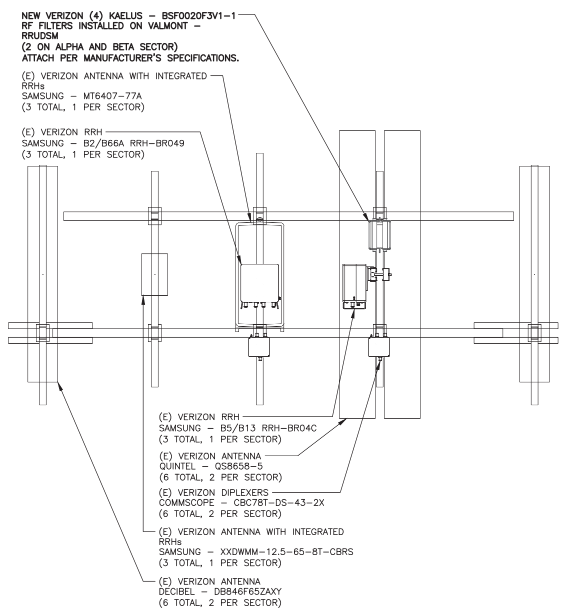
NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

N

1 NEW RF FILTER PLAN

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



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

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

verizon✓

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP

MTS ENGINEERING, P.L.L.C.
1717 S. BOULDER
SUITE 300
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NEWTOWN CT

21 BERKSHIRE ROAD
NEWTOWN, CT 06482
EXISTING MONOPOLE

PROJECT NO:	136440.014.01
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3/25/24

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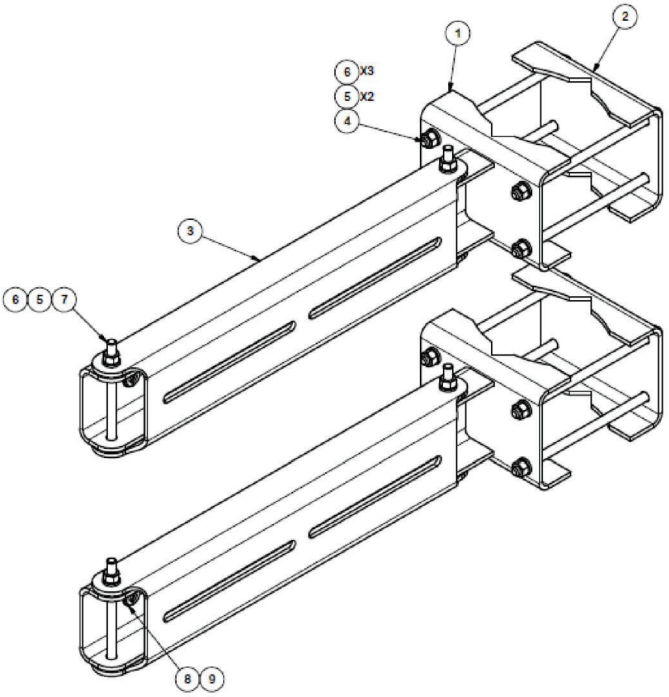
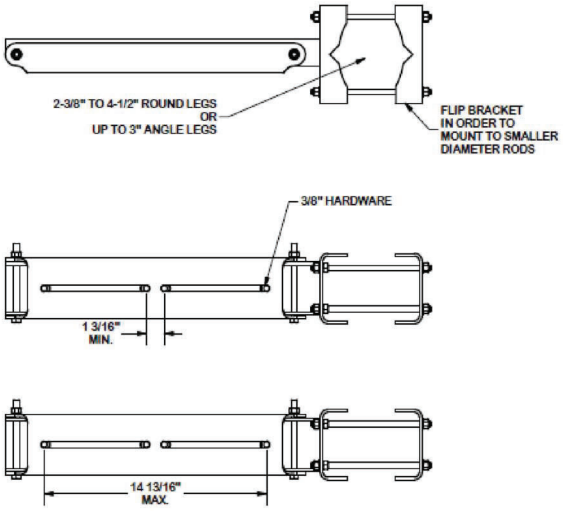
SHEET NUMBER:	REVISION:
LE-2	0



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

2949897

SIX HUNDRED TWENTY FIVE AND 00/100********** DATE 04/01/24 $*******625.00

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

2695915

VP and Controller

VOID AFTER 180 DAYS

⑈2949897⑈ ⑆111000614⑆ 1034104531⑈

Check No 2949897
Check Date 04/01/24

Stub 1 of 1

CKRQ 654593 ZN APP	03/27/24	Invoice Summ	625.00		625.00
			625.00		625.00