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 #876355
474-480 Main Street, Monroe, CT 06468
Latitude: 41° 19′ 31.99″ / Longitude: -73° 15′ 57.05″

Dear Ms. Bachman:

Verizon Wireless currently maintains fifteen (15) antennas at the 162-foot mount on the existing 196-foot monopole tower located at 474-480 Main Street, Monroe, CT. The property and the tower are owned by Crown Castle. Verizon now intends to add four (4) interference mitigation filters at the 162-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 Town of Monroe on October 17, 2000 (No. 10461). 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 Terry Rooney on behalf of the municipality and to John J. Morris, Jr., Chief Building Official. Crown Castle is both the property and 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,

Jeffrey Barbadora

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

Attachments
cc:

First Selectman Terry Rooney
Town of Monroe
7 Fan Hill Road
Monroe, CT 06468
203-452-2800

John J. Morris, Jr., Chief Building Official
Town of Monroe
7 Fan Hill Road
Monroe, CT 06468
203-452-2805

Crown Castle, Property & Tower Owner

Town of Monroe

OFFICE OF THE TOWN
ENGINEERING DEPARTMENT
Town Hall
7 Fan Hill Road
Monroe, Connecticut 06468
Phone: (203) 452-5437
(203) 452-5438

July 10,2000

Paul T. Tusch
Cacase, Tusch, Santagam
777 Summer Street
P.O. Box 15859
Stamford, CT. 06901-0859

Re: Sprint PCS
474-480 Main Street
Special Exception Permit

Dear Mr. Tusch:

Please be advised that this department has reviewed the plans (4 pages) submitted for the above project and, although the design concept is generally acceptable, the following item should be addressed:

1) if the access roadway is to have a gravel surface (ie; not asphalt paved), construct the road using a minimum 6" depth of 3/4" medium coarse process gravel, shaped and crowned to control water runoff and compacted to 95%. Construct sufficient riprap leak offs to control erosion in road shoulder areas.

It is required that installation of the security fencing commence immediately following erection of the tower and continue non stop (without interruption) until completely installed.

If you have any questions, please contact my office at (203) 452-5438.

Very Truly Yours,

Sherwood Lovejoy, P.E.
Director of Public Works
Town Engineer

SL/fjm

Town Hall
7 Fan Hill Road
Monroe, Connecticut 06468-1800

Phone (203) 452-5489
Pager (203) 396-7778

TOWN OF MONROE

OFFICE OF THE FIRE MARSHAL

June 27, 2000

Attorney Paul T. Tusch
Cacase, Tusch, Santagata
777 Summer Street
P. O. Box 15859
Stamford, CT 06901-0859

RE: Sprint PCS Tower , 474-480 Main Street

Dear Attorney Tusch,

I have reviewed the proposed Sprint PCS Tower located at TLC, 474-480 Main Street, and my only requirements would be:

- Knox box system
- Access road be at least 20' wide

If you have any questions, please call me.

Sincerely,

Anthony Carpenter
Fire Marshal

cd

TOWN OF MONROE, CONNECTICUT
PROVISIONAL CERTIFICATE OF ZONING COMPLIANCE

This is to certify that the proposed Communication Tower - equipment compound
(structure, addition, use)

located at No. 480 (Lot No. ____) Main (Street, Road, Drive)

Application dated 10/17 2000, made by Andrew Schoette

has been examined and based on the information contained in said application the proposal conforms to the Zoning Regulations of the Town of Monroe, dated 7-31-00
(Effective date of last amendment)

This provisional certificate expires one year from the date herein, or upon issuance of a permanent certificate of zoning compliance, whichever is first. Failure to obtain said permanent certificate prior to use shall constitute a violation of the Zoning Regulations of the Town of Monroe.

№ 10461

Dated at Monroe, Connecticut this 27th day of October 2000

By: _____
(Zoning Enforcement Officer) (Planning Administrator)

Town of Monroe
conservation and
water resources
commission/inland
wetland
commission

TOWN HALL
7 Fan Hill Road
Monroe, Connecticut 06468
Phone (203) 452-5467
Fax (203) 261-6197

November 16, 2000

CERTIFIED MAIL RETURN RECEIPT REQUESTED **7009 3400 0007 9991 7695**

Sprint PCS
1 International Blvd
Suite 800
Mahwah, NJ 07495

CONDITIONAL APPROVAL
Inland Wetlands Permit No. 00-23

Applicant: Sprint PCS

Property Owner " "

Property Location: 474-480 Main Street Assessor's Map No. 45 Parcel No. 21A & 22B
Plans & Preparer: URS Corporation AES 500 Enterprise Drive, Rocky Hill CT

PERMIT APPROVED (date): October 25, 2000. All appropriate conditions must be satisfied prior to site disturbance. THIS APPROVAL IS NOT AN AUTHORIZATION TO START CONSTRUCTION.

PERMIT EXPIRES: October 25, 2005
Permit duration is five (5) years. Additional extensions must be requested prior to expiration. A renewal fee will be required. **THIS PERMIT CANNOT BE REINSTATED IF IT EXPIRES.**

THIS PERMIT IS NOT TRANSFERABLE UNLESS THE NEW OWNER PROVIDES THE COMMISSION WITH A SIGNED ACKNOWLEDGMENT THAT HE UNDERSTANDS AND ACCEPTS THE CONDITIONS OF APPROVAL.

Commission's findings and resolution: The following resolution was adopted by the Inland Wetlands Commission.

Be it resolved that Inland Wetland Permit Application No. 00-23 is hereby approved based upon the findings and subject to the modifications and conditions hereinafter set forth.

The Commission reviewed the application and the site plan and determined there will be no significant impact and the application does not warrant a public hearing. There was also no public interest demonstrated.

The Commission finds that the proposed activities are located entirely within the regulated setback and there will be no direct wetland disturbance.

MODIFICATIONS AND CONDITIONS:

1) The excavated trench shall be refilled, seeded and stabilized immediately after completion of the utility installation.
2) Access to the construction area will be by existing roads.

STANDARD CONDITIONS:

1) Regulated activities herein shall be implemented by the permittee in accordance with the timing, location, duration and intent proposed and approved by the Commission.
2) Notice of assignment or transfer of the permit must be given to the Commission immediately. Failure to do so may invalidate your permit.
3) Install sediment and erosion controls prior to soil disturbance and maintain them during construction and remove them prior to requesting final inspection.
4) Any changes in the approved plans must be approved by the Commission. This includes changes required by any other agency.
5) The posting of a cash or passbook savings account may be required at any time during construction by the Inland Wetlands Commission for erosion controls or any required wetland mitigation measures, in an amount to be determined by the Commission or its agent.
6) For the purpose of making site inspections of sediment and erosion controls, the permittee shall provide forty-eight (48) hours notice prior to site disturbance.
7) Anti tracking aprons shall be installed on all road and driveway exits with six (6) inches in depth of crushed stone spread to the traveled width, forty (40) feet long and underlain with construction fabric.
8) In the event an appeal is taken from this decision the applicant shall provide the Commission with three (3) sets of all plans, reports and documents in support of the application within thirty (30) days.
9) Heating oil tanks will not be buried anywhere on the property.

This application is approved with the above conditions and/or modifications. This decision and these conditions are consistent with the purposes of the wetland regulations which are designed to protect the citizens of Monroe by providing a balance between the need for growth, development and enjoyment of the Town's natural resources with the need to protect its' environment and ecological stability.

cc: Dean Gustafson, Applicants Agent

James P. White, Jr.
Chairman of the Commission

Town of Monroe
conservation and
water resources
commission/inland
wetland
commission

TOWN HALL
7 Fan Hill Road
Monroe, Connecticut 06468
Phone (203) 452-5467
Fax (203) 261-6197

July 11, 2000

URS Greiner Woodward Clyde
500 Enterprise Drive
Rocky Hill, CT 06067

RE: Sprint PCS Upper Stepney

Dear Mr. Clyde:

Based on my review of the site plan for Sprint PCS Upper Stepney dated June 23, 2000. An Inland Wetland permit will not be required for this project.

Please contact me if you have any questions.

Yours truly,

Richard Jacobson

Richard B. Jacobson
Wetland Consultant

gw
cc: Planning and Zoning

Rjclyde

474 MAIN ST

Location	474 MAIN ST	**Map/Lot**	045/ 022/ 0Z/ /
Acct#	0450220Z	**Owner**	SPRINT PCS
Assessment	$714,000	**Appraisal**	$1,020,000
PID	16240	**Building Count**	1
Survey	1676 B	**Affordable**	

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2023	$840,000	$180,000	$1,020,000

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2023	$588,000	$126,000	$714,000

Owner of Record

Owner	SPRINT PCS
Co-Owner	GLOBAL SIGNAL ACQ II LLC
Address	PMB 331 4017 WASHINGTON RD MCMURRAY, PA 15317

Sale Price	$0
Certificate	1
Book & Page	0943/0187
Sale Date	04/27/2001
Instrument	

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
SPRINT PCS	$0	1	0943/0187		04/27/2001

Building Information

Building 1 : Section 1

Year Built:

Living Area: 0

Building Attributes

Field	Description
Style:	Vacant Land
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Fireplace(s)	
Cndtn	
Wdstv Flues	
Basement Gar.	
Num Park	
Fireplaces	
Attic	
CNS_USRFLD_102	
Accessory Apt	
Fndtn Cndtn	
Basement	
Usrfld 706	

Building Photo

(https://images.vgsi.com/photos/MonroeCTPhotos/\00\01\38\43.jpg)

Building Layout

(ParcelSketch.ashx?pid=16240&bid=16240)

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

Extra Features

Extra Features	Legend

No Data for Extra Features

Parcel Information

Use Code	431
Description	TEL REL TW
Deeded Acres	0.06

Land

Land Use

Use Code	431
Description	TEL REL TW
Zone	B1
Neighborhood	
Alt Land Approved	No
Category	

Land Line Valuation

Size (Acres)	0.06
Appraised Value	$180,000

Outbuildings

Outbuildings — Legend

Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
CELL	Cell Tower Unit			4.00 UNIT	$840,000	1

Valuation History

Appraisal

Valuation Year	Improvements	Land	Total
2022	$840,000	$180,000	$1,020,000

Assessment

Valuation Year	Improvements	Land	Total
2022	$588,000	$126,000	$714,000

Search... Sign in

Parcels (2)

474 MAIN ST

Field Card | Zoom to Feature | Buffer Feature

Septic As-Built Reports | Well Completion Reports

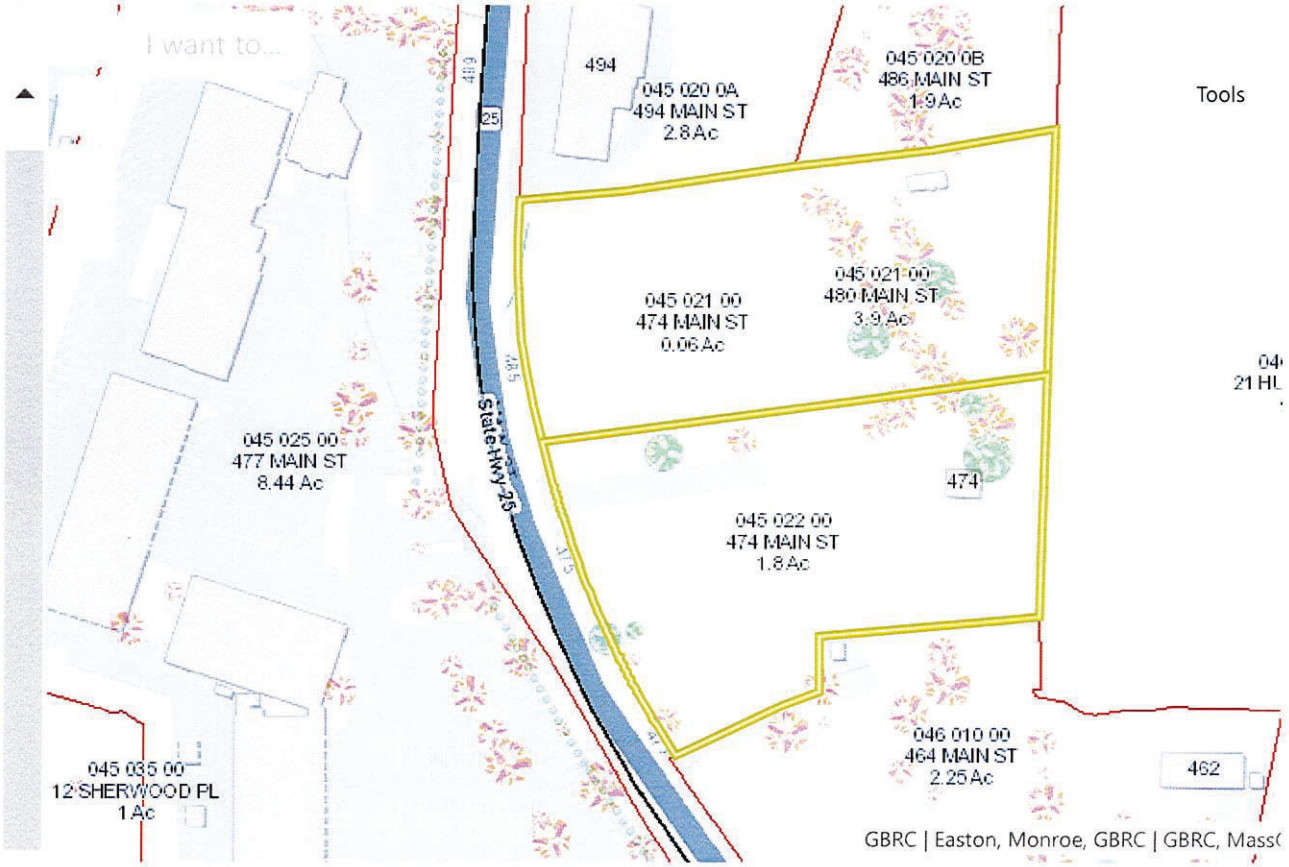
Permit to Discharge

☆ **Parcel ID: 045 022 00**

Displaying 1 - 2 (Total: 2)

Page 1 of 1

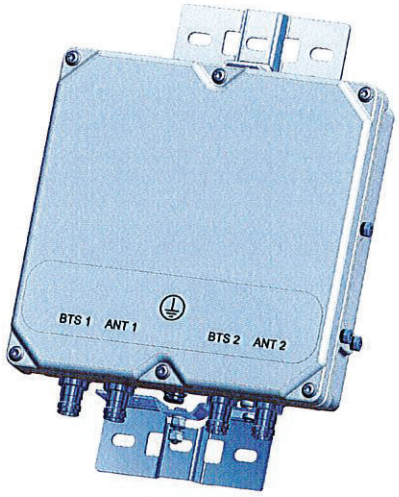
Home Layers Parcels (2)



BSF0020F3V1-1

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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



FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

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

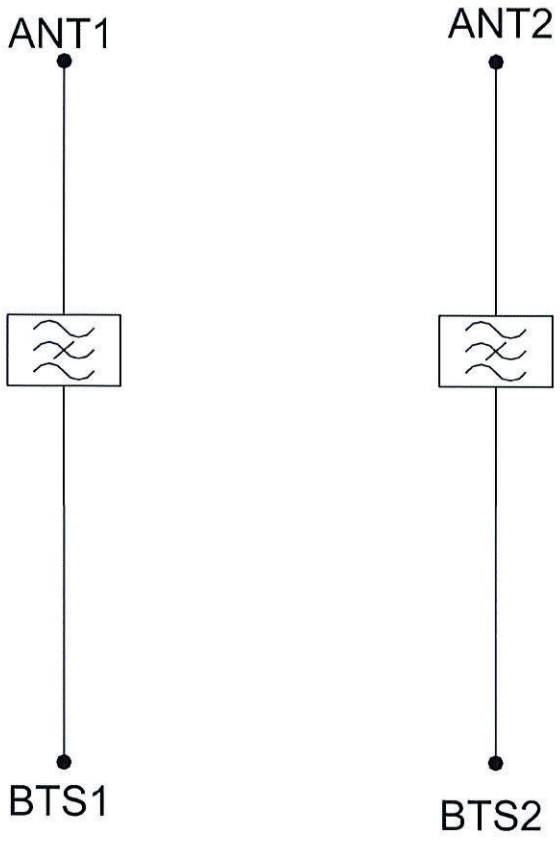
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

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

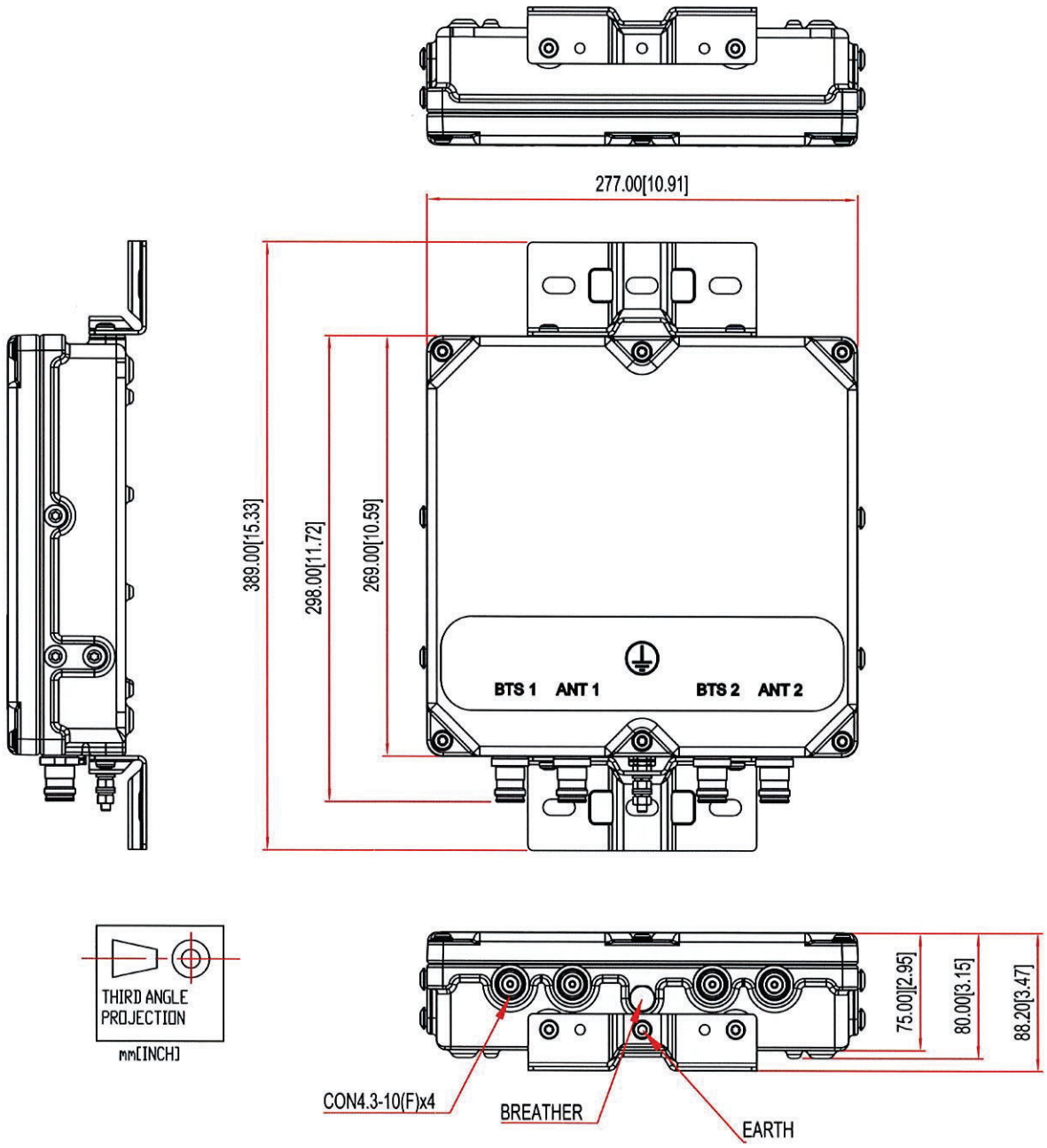
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Friday, April 5, 2024 11:21 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775825811609: Your package has been delivered

Hi. Your package was delivered Fri, 04/05/2024 at 11:13am.

Delivered to 7 FAN HILL RD, MONROE, CT 06468
Received by M.MORLI

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775825811609
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Monroe Terry Rooney, First Selectman 7 Fan Hill Road MONROE, CT, US, 06468
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	MONROE, CT, US, 06468
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 11:21 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 775825835823: Your package has been delivered

Hi. Your package was delivered Fri, 04/05/2024 at 11:14am.

Delivered to 7 FAN HILL RD, MONROE, CT 06468
Received by A.DONAGHE

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	775825835823
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Monroe John J. Morris, Jr, CBO 7 Fan Hill Road MONROE, CT, US, 06468
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	MONROE, CT, US, 06468
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206808
Colliers Engineering & Design CT, PC Project #: 23777110

July 11, 2023

Site Information	*Site ID:*	*5000386928-VZW / MONROE WEST CT*
	Site Name:	*MONROE WEST CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*474 Main St.* *Monroe, Connecticut 06468* *Fairfield County*
	Latitude:	*41.325553°*
	Longitude:	*-73.265847°*
Structure Information	*Tower Type:*	*190-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123811

Analysis Results

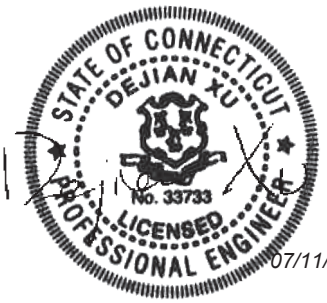
Platform: **58.5% Pass***

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

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

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

Report Prepared By: Carol Luengas



07/11/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 324395, dated December 10, 2020*
Mount Mapping Report	*Hudson Design Group, LLC., Site #: 469337, dated March 9, 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777072A, dated May 3, 2021*
Previous Post Modification Inspection	*Maser Consulting Connecticut, Project #: 2177702A, dated June 30, 2022*
Filter Add Scope	*Provided By Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.984
Seismic Parameters:	S_S:	0.208 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
159.40	160.00	3	Samsung	MT6407-77A	Retained
		3	Commscope	CBC78T-DS-43-2X	
		1	RFS	DB-C1-12C-24AB-0Z	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Amphenol Antel	LPA-80063-6CF-EDIN-2	
		6	Commscope	JAHH-65B-R3B	
		2	Amphenol Antel	LPA-80080/4CF	
		2	Amphenol Antel	LPA-80063-6CF-EDIN-4	
		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	17.4 %	Pass
Standoff Horizontal	38.8 %	Pass
Platform Crossmember	20.6 %	Pass
Corner Plate	24.6 %	Pass
Grating Support	29.5 %	Pass
Cross Arm Plate	42.0 %	Pass
Support Rail	20.5 %	Pass
Mount Pipe	28.2 %	Pass
Dual Mount Pipe	27.1 %	Pass
Mount Connection	58.5 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**58.5%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	23.7	23.7	44.6	44.6
0.5	31.2	31.2	60.3	60.3
1	38.3	38.3	75.6	75.6

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

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000386928 SMART Project #: 10206808 Fuze Project ID: 17123811

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Structure: 5000386928-VZW - MONROE WEST CT

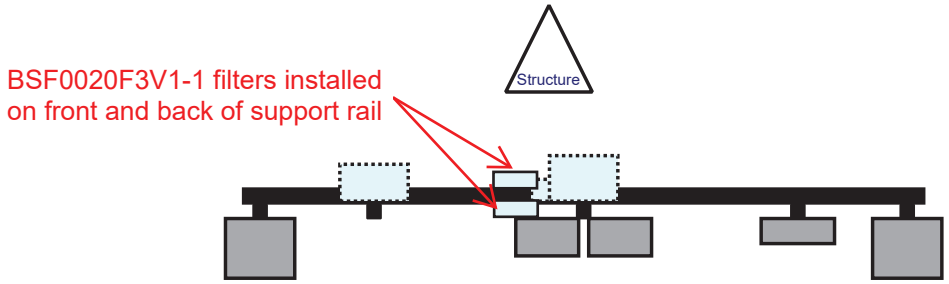
Sector: **A** 7/10/2023

Structure Type: Monopole 10206808

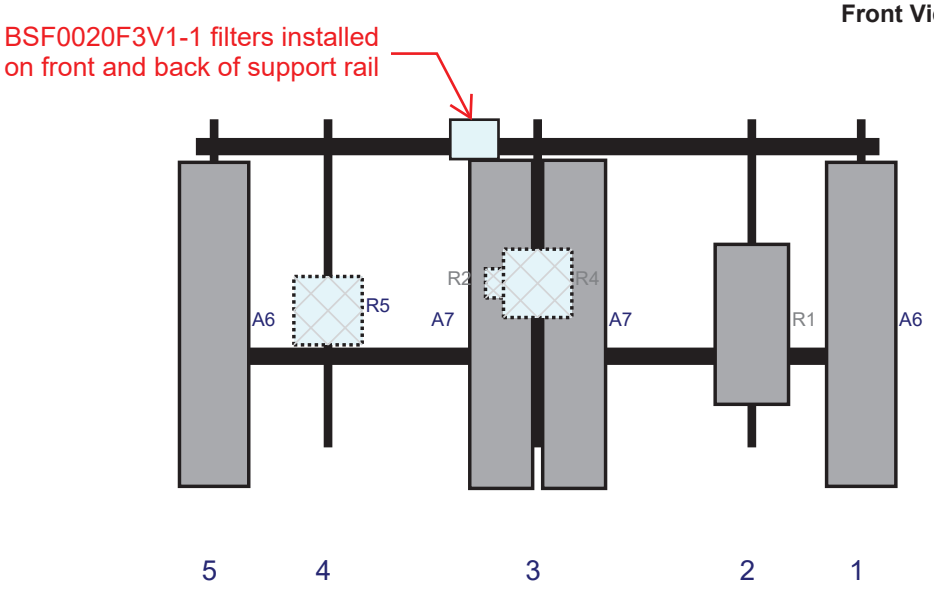
Mount Elev: 159.40 Page: 1

Colliers Engineering & Design

Plan View

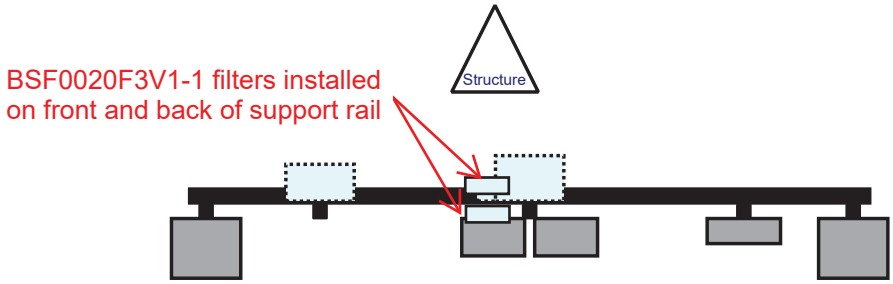


Front View - Looking at Structure

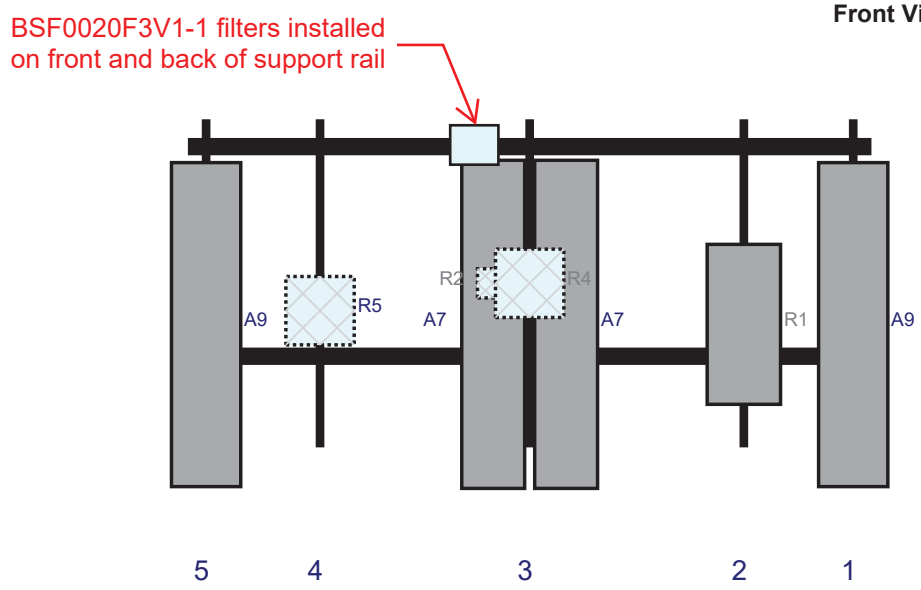


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	LPA-80063-6CF-EDIN-2	71.1	15.2	146	1	a	Front	45	0	Retained	06/23/2022
R1	MT6407-77A	35.1	16.1	122	2	a	Front	45	0	Retained	06/23/2022
A7	JAHH-65B-R3B	72	13.8	75	3	a	Front	45	8	Retained	06/23/2022
A7	JAHH-65B-R3B	72	13.8	75	3	b	Front	45	-8	Retained	06/23/2022
R2	CBC78T-DS-43-2X	6.4	6.9	75	3	a	Behind	36	-8	Retained	06/23/2022
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	75	3	a	Behind	36	0	Retained	06/23/2022
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	29	4	a	Behind	42	0	Retained	06/23/2022
A6	LPA-80063-6CF-EDIN-2	71.1	15.2	4	5	a	Front	45	0	Retained	06/23/2022
OVP	DB-C1-12C-24AB-0Z	29.5	16.5		Member					Retained	06/23/2022
M79B	BSF0020F3V1-1	10.6	10.9		Member					Added	
M79B	BSF0020F3V1-1	10.6	10.9		Member					None	

Plan View

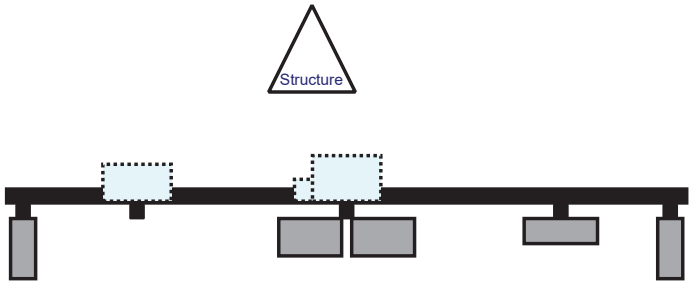


Front View - Looking at Structure

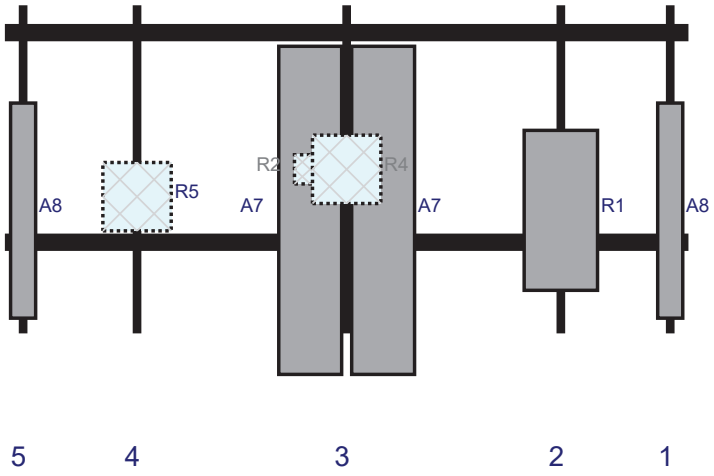


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A9	LPA-80063-6CF-EDIN-4	71.1	15.2	146	1	a	Front	45.06	0	Retained	06/23/2022
R1	MT6407-77A	35.1	16.1	122	2	a	Front	45	0	Retained	06/23/2022
A7	JAHH-65B-R3B	72	13.8	75	3	a	Front	45	8	Retained	06/23/2022
A7	JAHH-65B-R3B	72	13.8	75	3	b	Front	45	-8	Retained	06/23/2022
R2	CBC78T-DS-43-2X	6.4	6.9	75	3	a	Behind	36	-8	Retained	06/23/2022
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	75	3	a	Behind	36	0	Retained	06/23/2022
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	29	4	a	Behind	42	0	Retained	06/23/2022
A9	LPA-80063-6CF-EDIN-4	71.1	15.2	4	5	a	Front	45.06	0	Retained	06/23/2022
M78	BSF0020F3V1-1	10.6	10.9		Member					None	
M78	BSF0020F3V1-1	10.6	10.9		Member					None	

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
A8	LPA-80080/4CF	47.2	5.5	146	1	a	Front	45.06	0	Retained	06/23/2022
R1	MT6407-77A	35.1	16.1	122	2	a	Front	45	0	Retained	06/23/2022
A7	JAHH-65B-R3B	72	13.8	75	3	a	Front	45	8	Retained	06/23/2022
A7	JAHH-65B-R3B	72	13.8	75	3	b	Front	45	-8	Retained	06/23/2022
R2	CBC78T-DS-43-2X	6.4	6.9	75	3	a	Behind	36	-8	Retained	06/23/2022
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	75	3	a	Behind	36	0	Retained	06/23/2022
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	29	4	a	Behind	42	0	Retained	06/23/2022
A8	LPA-80080/4CF	47.2	5.5	4	5	a	Front	45.06	0	Retained	06/23/2022


Jun 23, 2022 at 1:23:31 PM
474 Main St
Monroe CT 06468
United States

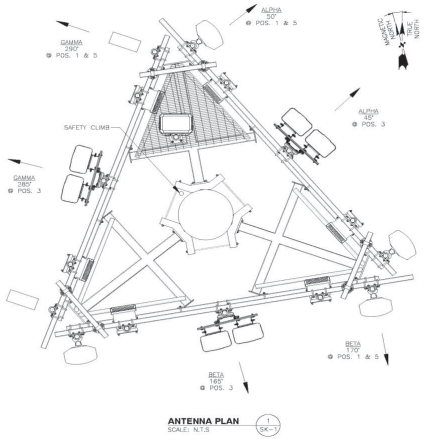

Jun 23, 2022 at 2:09:35 PM
474 Main St
Monroe CT 06468
United States

V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

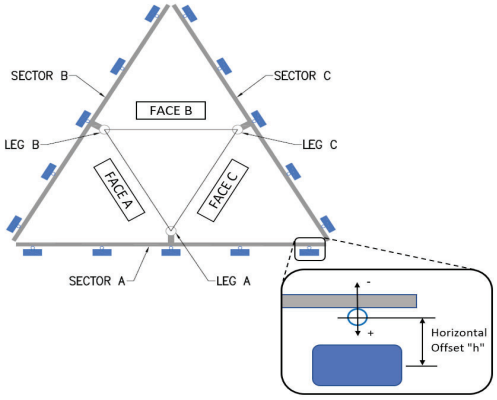
FCC #

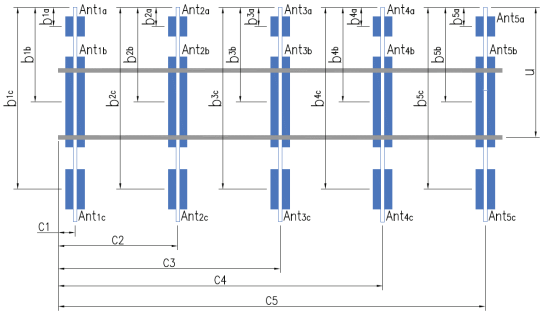
Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/9/2021
Site Name:	MONROE WEST CT	**Tower Type:**	Monopole
Site Number or ID:	469337	**Tower Height (Ft.):**	190
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	160.16



ANTENNA PLAN
SCALE: N.T.S

Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	here you go rob per your comments	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2"STD. PIPE X 72" LONG	52.00	4.00	C1	2"STD. PIPE X 72" LONG	52.00	4.00
A2	2"STD. PIPE X 72" LONG	52.00	29.00	C2	2"STD. PIPE X 72" LONG	52.00	29.00
A3	2-1/2"Ø X 3/16" THK. PIPE X 150	59.00	75.00	C3	2-1/2"Ø X 3/16" THK. PIPE X 150" LONG	59.00	75.00
A4	2"STD. PIPE X 72" LONG	52.00	122.00	C4	2"STD. PIPE X 72" LONG	52.00	122.00
A5	2"STD. PIPE X 72" LONG	52.00	146.00	C5	2"STD. PIPE X 72" LONG	52.00	146.00
A6				C6			
B1	2"STD. PIPE X 72" LONG	52.00	4.00	D1			
B2	2"STD. PIPE X 72" LONG	52.00	29.00	D2			
B3	2-1/2"Ø X 3/16" THK. PIPE X 150	59.00	75.00	D3			
B4	2"STD. PIPE X 72" LONG	52.00	122.00	D4			
B5	2"STD. PIPE X 72" LONG	52.00	146.00	D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							24.00
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.) :							4
Please enter additional infomation or comments below.							
MONOPOLE WALL THK.: .329, .333, .336							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				20



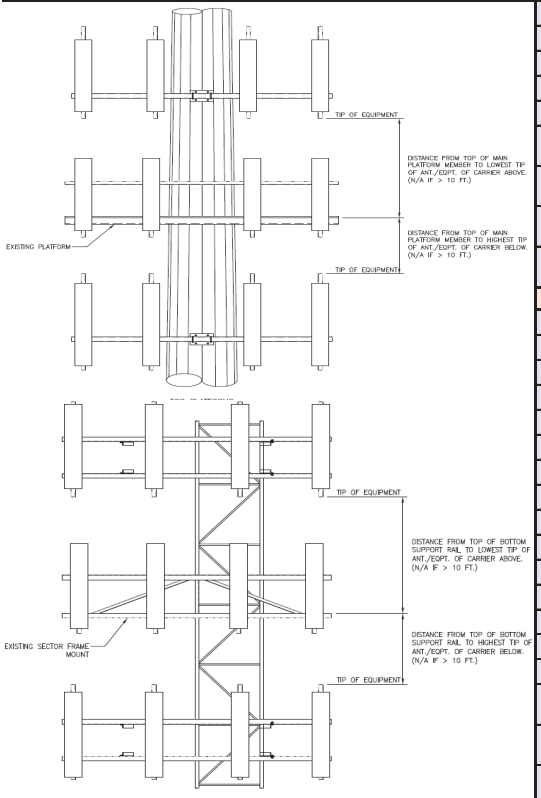


Antenna Layout (Looking Out From Tower)

	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}										
Ant_{1c}	LPA-80063-6CF-EDIN-	15.00	9.60	72.00		158.743	45.00	15.00	50.00	6, 12
Ant_{2a}										
Ant_{2b}	B66a RRH 4X45	12.00	7.00	25.50		160.493	24.00	-6.50		13, 32
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}	(2) JAHH-65B-R3B	14.00	8.50	72.00		158.077	60.00	14.00	45.00	10, 14
Ant_{4a}										
Ant_{4b}	B13 RRH 4X30	12.00	7.50	20.50		160.66	22.00	-6.50		17, 35
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}	LPA-80063-6CF-EDIN-	15.00	9.60	72.00		158.743	45.00	15.00	50.00	6, 15
Ant on Standoff	RHSDC-3315-PF-48	15.00	10.00	28.00			44.00			38, 40
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	50.00	Deg	Leg A:		Deg
Sector B:	170.00	Deg	Leg B:		Deg
Sector C:	290.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	320.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}	LPA-80063-6CF-EDIN-	15.00	9.60	72.00		158.743	45.00	15.00	170.00	6, 15
Ant_{2a}										
Ant_{2b}	B66a RRH 4X45	12.00	7.00	25.50		160.493	24.00	-6.50		15, 32
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}	(2) JAHH-65B-R3B	14.00	8.50	72.00		158.077	60.00	14.00	165.00	10, 16
Ant_{4a}										
Ant_{4b}	B13 RRH 4X30	12.00	7.50	20.50		160.66	22.00	-6.50		17, 35
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}	LPA-80063-6CF-EDIN-	15.00	9.60	72.00		158.743	45.00	15.00	170.00	6, 17
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}	AMPHENOL	6.00	14.00	48.00		159.243	39.00	15.00	290.00	30, 18
Ant_{2a}										
Ant_{2b}	B66a RRH 4X45	12.00	7.00	25.50		160.493	24.00	-6.50		18, 32
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}	(2) JAHH-65B-R3B	14.00	8.50	72.00		158.077	60.00	14.00	285.00	10, 19
Ant_{4a}										
Ant_{4b}	B13 RRH 4X30	12.00	7.50	20.50		160.66	22.00	-6.50		20, 35
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}	AMPHENOL	6.00	14.00	48.00		159.243	39.00	15.00	290.00	30, 20
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2	(12) 1-/8"Ø COAX, (1) 1-1/4"Ø HYBRID	32-37
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.

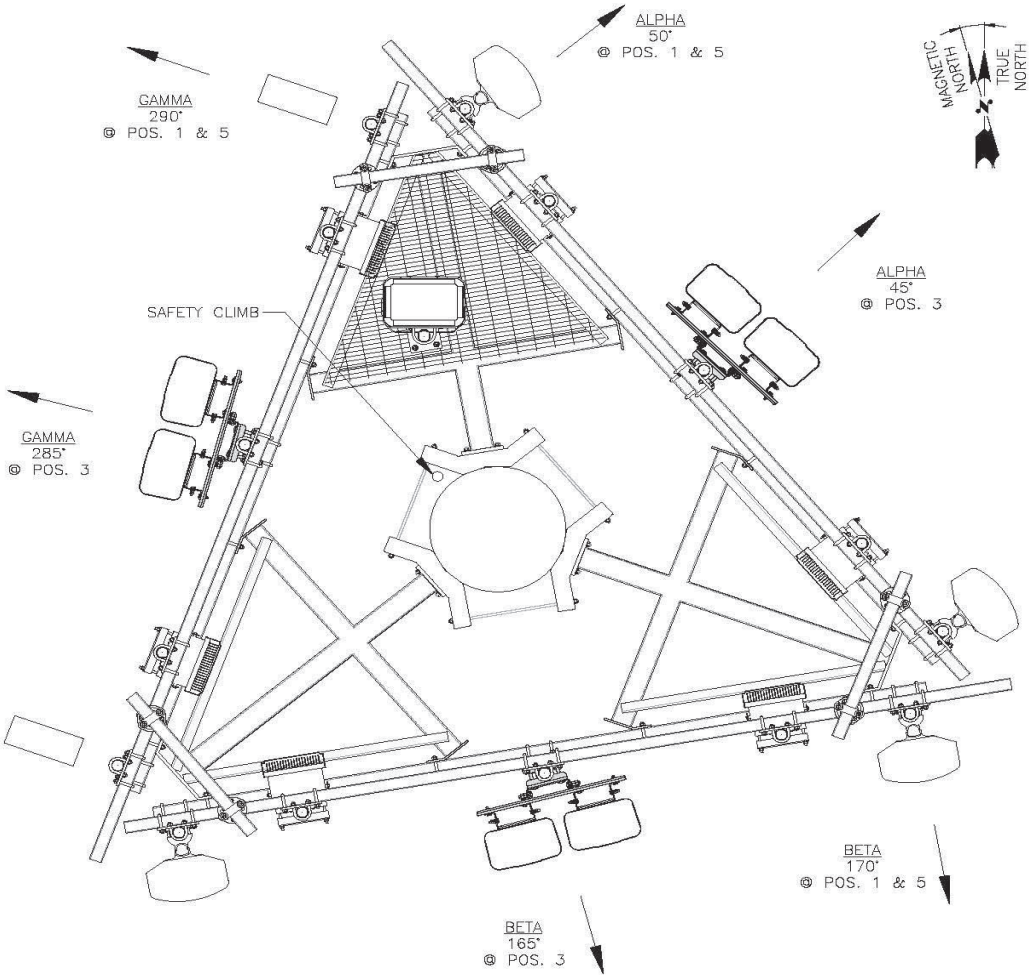
Standard Conditions
1. Obvious safety and structural issues/deficiencies noticed at the time of the mount mapping are to be reported in this mapping. However, this mount mapping is not a condition assessment of the mount.

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

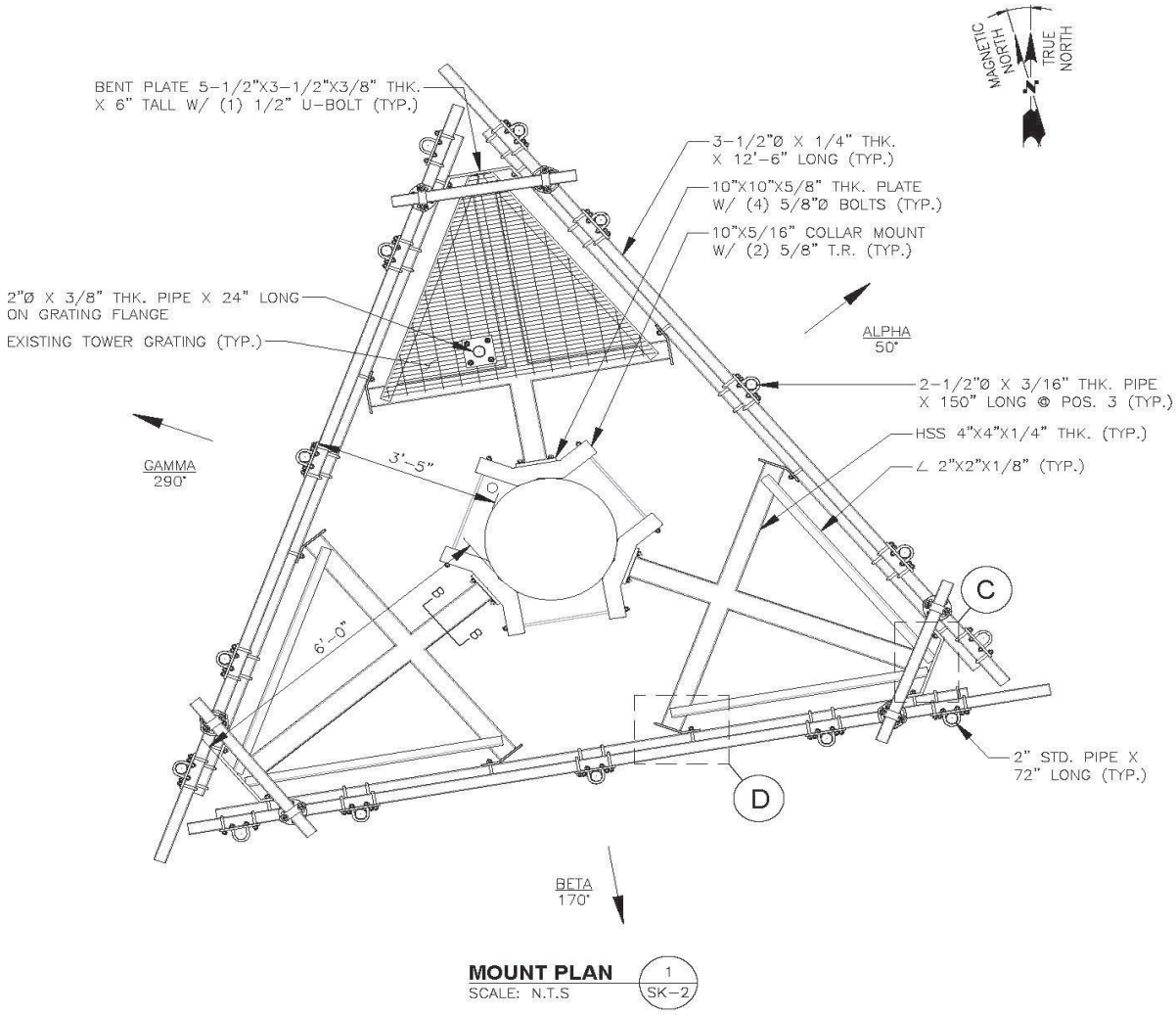
Tower Owner:	CROWN CASTLE	**Mapping Date:**	3/9/2021
Site Name:	MONROE WEST CT	**Tower Type:**	Monopole
Site Number or ID:	469337	**Tower Height (Ft.):**	190
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	**Mount Elevation (Ft.):**	160.16

Please Insert Sketches of the Antenna Mount



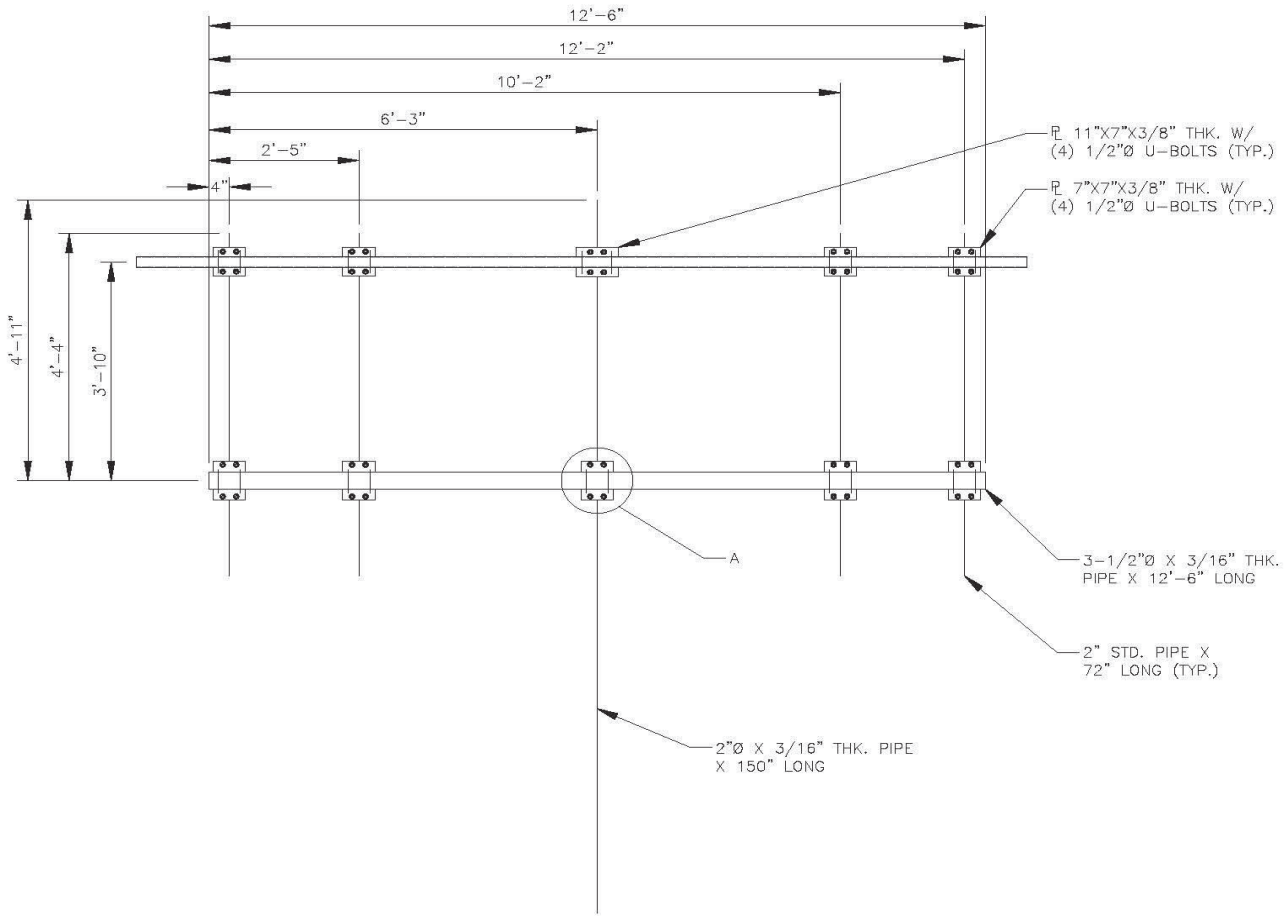
ANTENNA PLAN 1
SCALE: N.T.S SK-1

Please Insert Sketches of the Antenna Mount, cont'd

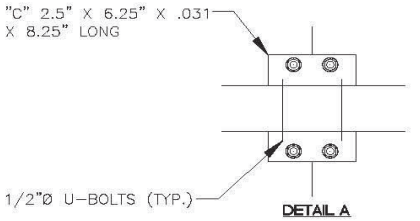


MOUNT PLAN 1/SK-2
SCALE: N.T.S

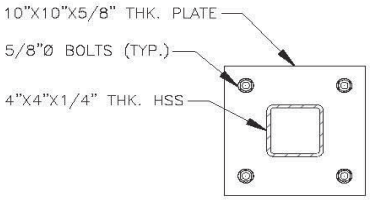
Please Insert Sketches of the Antenna Mount, cont'd



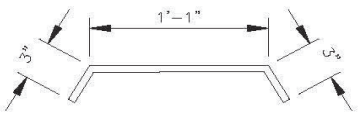
FACE ELEVATION (1 / SK-3)
SCALE: N.T.S



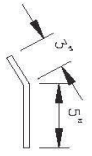
DETAIL A



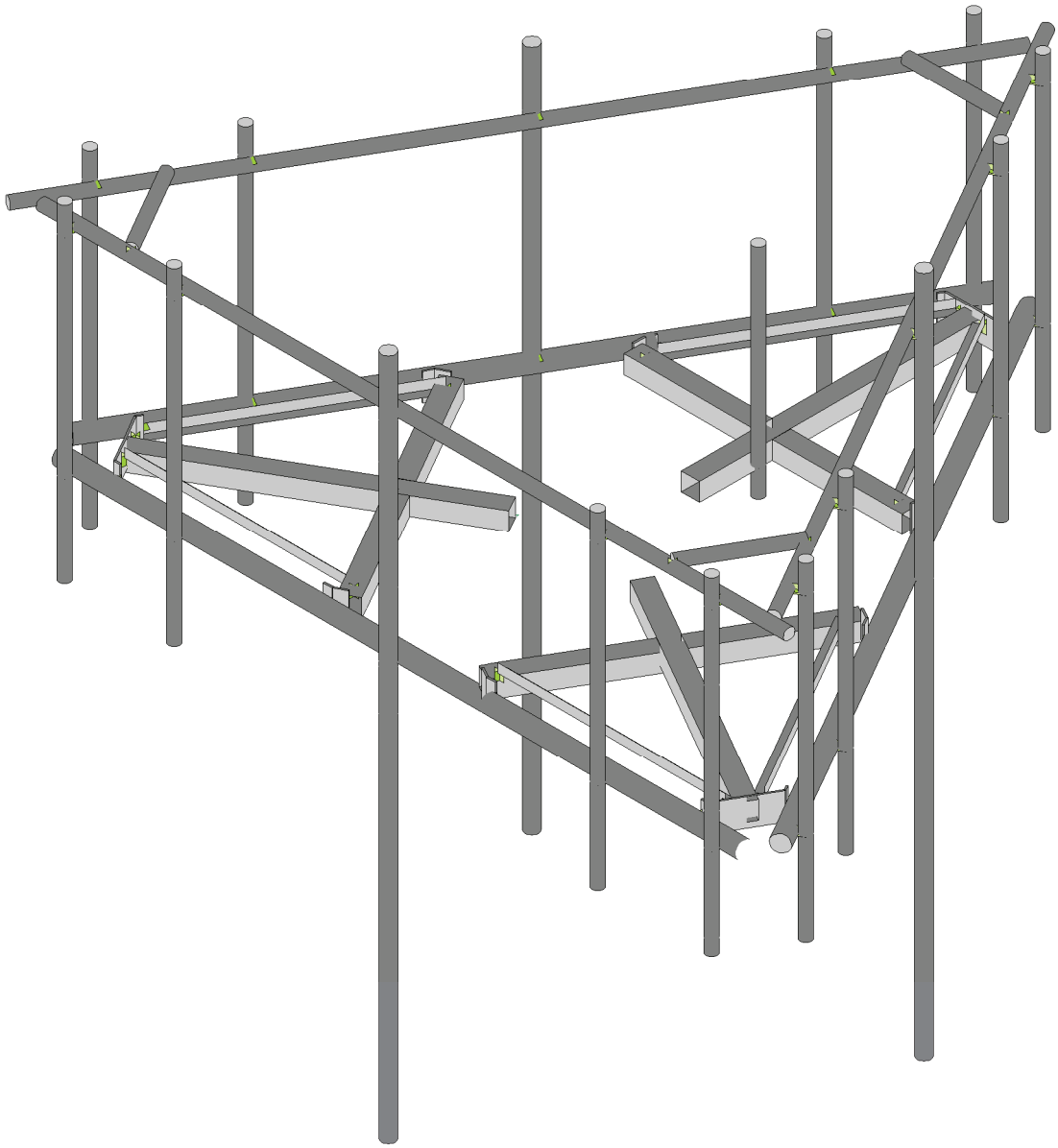
DETAIL B-B



DETAIL C

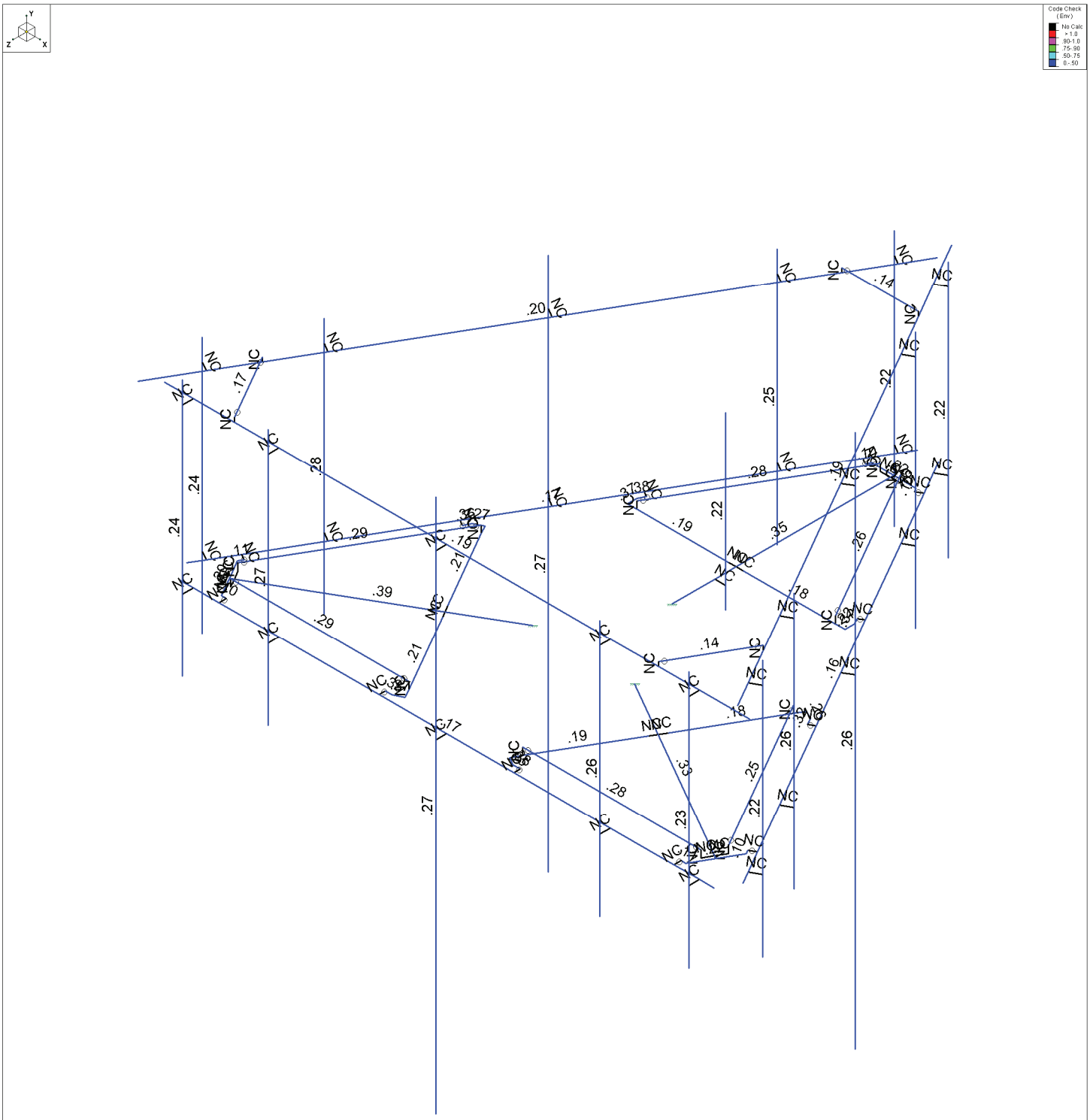


DETAIL D



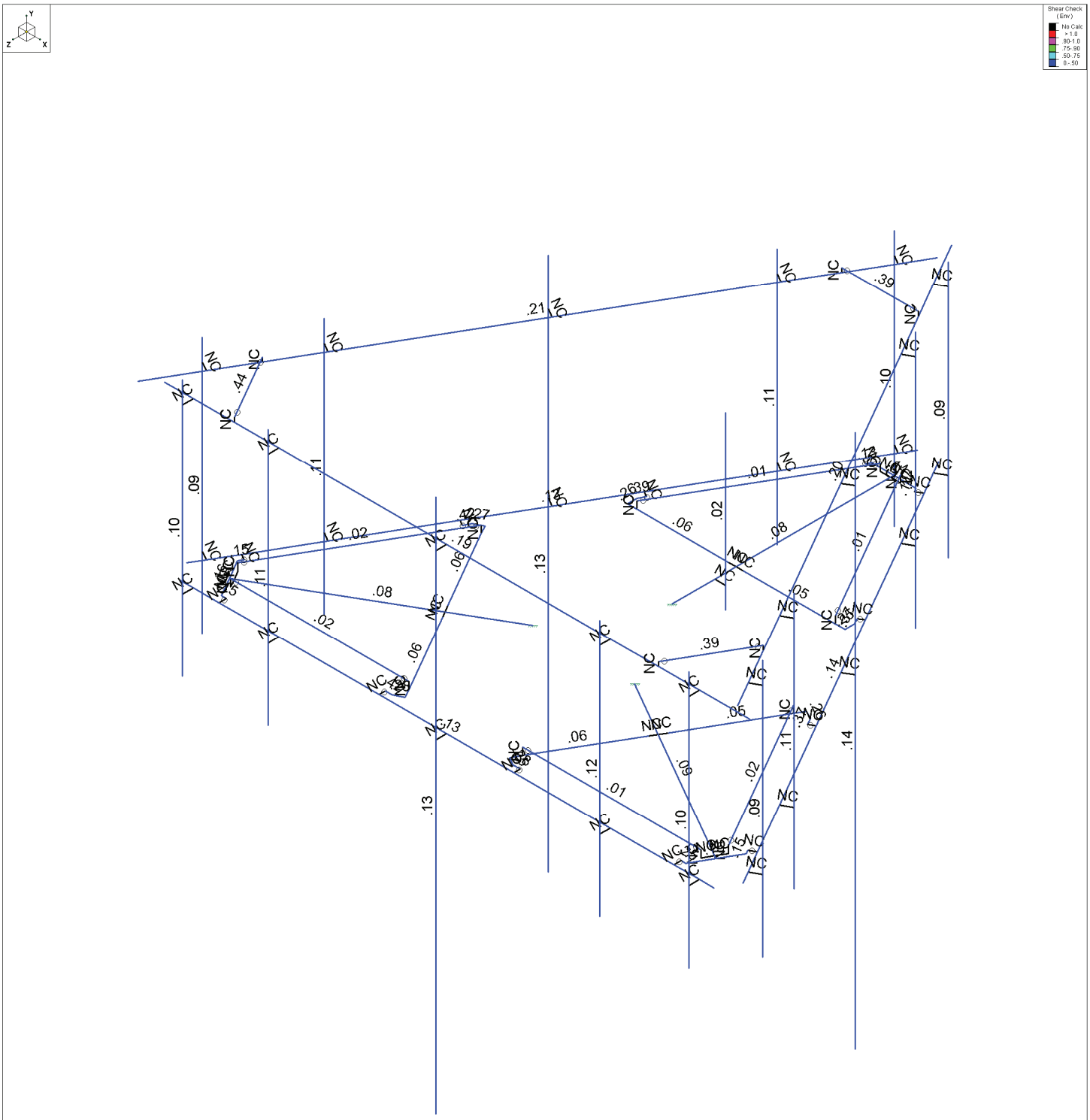
Envelope Only Solution

		SK - 1
		July 10, 2023 at 5:21 PM
		5000386928-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 2
		July 10, 2023 at 5:21 PM
		5000386928-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		July 10, 2023 at 5:21 PM
		5000386928-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					132			
2	Antenna Di	None					132			
3	Antenna Wo (0 Deg)	None					132			
4	Antenna Wo (30 Deg)	None					132			
5	Antenna Wo (60 Deg)	None					132			
6	Antenna Wo (90 Deg)	None					132			
7	Antenna Wo (120 Deg)	None					132			
8	Antenna Wo (150 Deg)	None					132			
9	Antenna Wo (180 Deg)	None					132			
10	Antenna Wo (210 Deg)	None					132			
11	Antenna Wo (240 Deg)	None					132			
12	Antenna Wo (270 Deg)	None					132			
13	Antenna Wo (300 Deg)	None					132			
14	Antenna Wo (330 Deg)	None					132			
15	Antenna Wi (0 Deg)	None					132			
16	Antenna Wi (30 Deg)	None					132			
17	Antenna Wi (60 Deg)	None					132			
18	Antenna Wi (90 Deg)	None					132			
19	Antenna Wi (120 Deg)	None					132			
20	Antenna Wi (150 Deg)	None					132			
21	Antenna Wi (180 Deg)	None					132			
22	Antenna Wi (210 Deg)	None					132			
23	Antenna Wi (240 Deg)	None					132			
24	Antenna Wi (270 Deg)	None					132			
25	Antenna Wi (300 Deg)	None					132			
26	Antenna Wi (330 Deg)	None					132			
27	Antenna Wm (0 Deg)	None					132			
28	Antenna Wm (30 Deg)	None					132			
29	Antenna Wm (60 Deg)	None					132			
30	Antenna Wm (90 Deg)	None					132			
31	Antenna Wm (120 Deg)	None					132			
32	Antenna Wm (150 Deg)	None					132			
33	Antenna Wm (180 Deg)	None					132			
34	Antenna Wm (210 Deg)	None					132			
35	Antenna Wm (240 Deg)	None					132			
36	Antenna Wm (270 Deg)	None					132			
37	Antenna Wm (300 Deg)	None					132			
38	Antenna Wm (330 Deg)	None					132			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 D...	None						122		
46	Structure Wo (150 D...	None						122		
47	Structure Wo (180 D...	None						122		
48	Structure Wo (210 D...	None						122		
49	Structure Wo (240 D...	None						122		
50	Structure Wo (270 D...	None						122		
51	Structure Wo (300 D...	None						122		
52	Structure Wo (330 D...	None						122		
53	Structure Wi (0 Deg)	None						122		

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						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		
57	Structure Wi (120 De...	None						122		
58	Structure Wi (150 De...	None						122		
59	Structure Wi (180 De...	None						122		
60	Structure Wi (210 De...	None						122		
61	Structure Wi (240 De...	None						122		
62	Structure Wi (270 De...	None						122		
63	Structure Wi (300 De...	None						122		
64	Structure Wi (330 De...	None						122		
65	Structure Wm (0 Deg)	None						122		
66	Structure Wm (30 De...	None						122		
67	Structure Wm (60 De...	None						122		
68	Structure Wm (90 De...	None						122		
69	Structure Wm (120 D...	None						122		
70	Structure Wm (150 D...	None						122		
71	Structure Wm (180 D...	None						122		
72	Structure Wm (210 D...	None						122		
73	Structure Wm (240 D...	None						122		
74	Structure Wm (270 D...	None						122		
75	Structure Wm (300 D...	None						122		
76	Structure Wm (330 D...	None						122		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					132			
82	Antenna Eh (0 Deg)	None					88			
83	Antenna Eh (90 Deg)	None					88			
84	Structure Ev	ELY		-.044					3	
85	Structure Eh (0 Deg)	ELZ			-.111				3	
86	Structure Eh (90 Deg)	ELX	.111						3	
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						30		
89	BLC 84 Transient Are...	None						30		
90	BLC 85 Transient Are...	None						30		
91	BLC 86 Transient Are...	None						30		

Load Combinations

	Description	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	6.25	0	3.893857	0	
2	N2	-6.25	0	3.893857	0	
3	N3	0	0	-1.375	0	
4	N5	-2.541667	0	-2.875	0	
5	N6	2.315104	0.166667	-2.875	0	
6	N7	-2.315104	0.166667	-2.875	0	
7	N24	0	0	-2.875	0	
8	N27	0	0	-6.5625	0	
9	CP	0	0	0	0	
10	N29	2.315104	0	-2.875	0	
11	N30	-2.315104	0	-2.875	0	
12	N101	2.541667	0	-2.875	0	
13	N102	-0.166667	0	-2.875	0	
14	N103A	0.166667	0	-2.875	0	
15	N104A	-2.541667	0	-3.09375	0	
16	N105	2.541667	0	-3.09375	0	
17	N131	2.458333	0	-3.238088	0	
18	N135	0.571615	0	-6.465523	0	
19	N144	-2.458333	0	-3.238088	0	
20	N148	-0.571615	0	-6.465523	0	
21	N86A	2.584629	0	-3.311004	0	
22	N86B	-2.584629	0	-3.311004	0	
23	N86C	-0.515625	0	-6.5625	0	
24	N87A	0.515625	0	-6.5625	0	
25	N86D	0.715429	0	-6.548554	0	
26	N86E	-0.715429	0	-6.548554	0	
27	N88A	0	0	-6.479167	0	
28	N87C	0.234238	0.166667	-6.479167	0	
29	N86G	0.234238	0	-6.479167	0	
30	N87B	-0.234238	0.166667	-6.479167	0	
31	N88C	-0.234238	0	-6.479167	0	
32	N32	-1.190785	0	0.6875	0	
33	N33	-1.21899	0	3.638648	0	
34	N34	-3.647375	0.166667	-0.567439	0	
35	N35	-1.332271	0.166667	3.442439	0	
36	N36	-2.489823	0	1.4375	0	
37	N37	-5.683292	0	3.28125	0	
38	N39	-3.647375	0	-0.567439	0	
39	N40	-1.332271	0	3.442439	0	
40	N41	-3.760656	0	-0.763648	0	
41	N42	-2.40649	0	1.581838	0	
42	N43	-2.573156	0	1.293162	0	
43	N44	-1.408433	0	3.748023	0	
44	N45	-3.950099	0	-0.654273	0	
45	N46	-4.033433	0	-0.509935	0	
46	N47	-5.885115	0	2.737729	0	
47	N48	-1.575099	0	3.748023	0	
48	N49	-5.3135	0	3.727794	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N50	-4.159728	0	-0.582852	0	
50	N51	-1.575099	0	3.893857	0	
51	N52	-5.425479	0	3.727794	0	
52	N53	-5.941104	0	2.834706	0	
53	N54	-6.028929	0	2.654698	0	
54	N55	-5.3135	0	3.893857	0	
55	N56	-5.611123	0	3.239583	0	
56	N57	-5.728242	0.166667	3.036728	0	
57	N58	-5.728242	0	3.036728	0	
58	N59	-5.494004	0.166667	3.442439	0	
59	N60	-5.494004	0	3.442439	0	
60	N61	1.190785	0	0.6875	0	
61	N62	3.760656	0	-0.763648	0	
62	N63	1.332271	0.166667	3.442439	0	
63	N64	3.647375	0.166667	-0.567439	0	
64	N65	2.489823	0	1.4375	0	
65	N66	5.683292	0	3.28125	0	
66	N68	1.332271	0	3.442439	0	
67	N69	3.647375	0	-0.567439	0	
68	N70	1.21899	0	3.638648	0	
69	N71	2.573156	0	1.293162	0	
70	N72	2.40649	0	1.581838	0	
71	N73	3.950099	0	-0.654273	0	
72	N74	1.408433	0	3.748023	0	
73	N75	1.575099	0	3.748023	0	
74	N76	5.3135	0	3.727794	0	
75	N77	4.033433	0	-0.509935	0	
76	N78	5.885115	0	2.737729	0	
77	N79	1.575099	0	3.893857	0	
78	N80	4.159728	0	-0.582852	0	
79	N81	5.941104	0	2.834706	0	
80	N82	5.425479	0	3.727794	0	
81	N83	5.3135	0	3.893857	0	
82	N84	6.028929	0	2.654698	0	
83	N85	5.611123	0	3.239583	0	
84	N86	5.494004	0.166667	3.442439	0	
85	N87	5.494004	0	3.442439	0	
86	N88	5.728242	0.166667	3.036728	0	
87	N89	5.728242	0	3.036728	0	
88	N88B	0.247179	0	-7.359587	0	
89	N89A	6.497179	0	3.46573	0	
90	N91	-6.497179	0	3.46573	0	
91	N92	-0.247179	0	-7.359587	0	
92	N98	7.083333	3.833333	3.893857	0	
93	N99	-6.583333	3.833333	3.893857	0	
94	N95	-0.169488	3.833333	-8.081275	0	
95	N96	6.663845	3.833333	3.754406	0	
96	N98A	-6.913845	3.833333	4.187418	0	
97	N99A	-0.080512	3.833333	-7.648262	0	
98	N98B	5.916667	0	3.893857	0	
99	N99B	3.833333	0	3.893857	0	
100	N100	0	0	3.893857	0	
101	N101A	-3.916667	0	3.893857	0	
102	N102A	-5.916667	0	3.893857	0	
103	N103	5.916667	3.833333	3.893857	0	
104	N104	3.833333	3.833333	3.893857	0	
105	N105A	0	3.833333	3.893857	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N106	-3.916667	3.833333	3.893857	0	
107	N107	-5.916667	3.833333	3.893857	0	
108	N108	5.916667	0	4.143857	0	
109	N109	3.833333	0	4.143857	0	
110	N110	0	0	4.143857	0	
111	N111	-3.916667	0	4.143857	0	
112	N112	-5.916667	0	4.143857	0	
113	N113	5.916667	3.833333	4.143857	0	
114	N114	3.833333	3.833333	4.143857	0	
115	N115	0	3.833333	4.143857	0	
116	N116	-3.916667	3.833333	4.143857	0	
117	N117	-5.916667	3.833333	4.143857	0	
118	N118	5.916667	4.333333	4.143857	0	
119	N119	3.833333	4.333333	4.143857	0	
120	N120	-3.916667	4.333333	4.143857	0	
121	N121	-5.916667	4.333333	4.143857	0	
122	N122	5.916667	-1.666667	4.143857	0	
123	N123	3.833333	-1.666667	4.143857	0	
124	N124	-3.916667	-1.666667	4.143857	0	
125	N125	-5.916667	-1.666667	4.143857	0	
126	N126	0	4.916667	4.143857	0	
127	N127	0	-7.583333	4.143857	0	
128	N129	0.413845	0	-7.070912	0	
129	N130	1.455512	0	-5.266692	0	
130	N131A	3.372179	0	-1.946928	0	
131	N132	5.330512	0	1.445005	0	
132	N133	6.330512	0	3.177055	0	
133	N134	0.413845	3.833333	-7.070912	0	
134	N135A	1.455512	3.833333	-5.266692	0	
135	N136	3.372179	3.833333	-1.946928	0	
136	N137	5.330512	3.833333	1.445005	0	
137	N138	6.330512	3.833333	3.177055	0	
138	N139	0.630352	0	-7.195912	0	
139	N140	1.672018	0	-5.391692	0	
140	N141	3.588685	0	-2.071928	0	
141	N142	5.547018	0	1.320005	0	
142	N143	6.547018	0	3.052055	0	
143	N144A	0.630352	3.833333	-7.195912	0	
144	N145	1.672018	3.833333	-5.391692	0	
145	N146	3.588685	3.833333	-2.071928	0	
146	N147	5.547018	3.833333	1.320005	0	
147	N148A	6.547018	3.833333	3.052055	0	
148	N149	0.630352	4.333333	-7.195912	0	
149	N150	1.672018	4.333333	-5.391692	0	
150	N151	5.547018	4.333333	1.320005	0	
151	N152	6.547018	4.333333	3.052055	0	
152	N153	0.630352	-1.666667	-7.195912	0	
153	N154	1.672018	-1.666667	-5.391692	0	
154	N155	5.547018	-1.666667	1.320005	0	
155	N156	6.547018	-1.666667	3.052055	0	
156	N157	3.588685	4.916667	-2.071928	0	
157	N158	3.588685	-7.583333	-2.071928	0	
158	N160	-6.330512	0	3.177055	0	
159	N161	-5.288845	0	1.372836	0	
160	N162	-3.372179	0	-1.946928	0	
161	N163	-1.413845	0	-5.338861	0	
162	N164	-0.413845	0	-7.070912	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N165	-6.330512	3.833333	3.177055	0	
164	N166	-5.288845	3.833333	1.372836	0	
165	N167	-3.372179	3.833333	-1.946928	0	
166	N168	-1.413845	3.833333	-5.338861	0	
167	N169	-0.413845	3.833333	-7.070912	0	
168	N170	-6.547018	0	3.052055	0	
169	N171	-5.505352	0	1.247836	0	
170	N172	-3.588685	0	-2.071928	0	
171	N173	-1.630352	0	-5.463861	0	
172	N174	-0.630352	0	-7.195912	0	
173	N175	-6.547018	3.833333	3.052055	0	
174	N176	-5.505352	3.833333	1.247836	0	
175	N177	-3.588685	3.833333	-2.071928	0	
176	N178	-1.630352	3.833333	-5.463861	0	
177	N179	-0.630352	3.833333	-7.195912	0	
178	N180	-6.547018	4.333333	3.052055	0	
179	N181	-5.505352	4.333333	1.247836	0	
180	N182	-1.630352	4.333333	-5.463861	0	
181	N183	-0.630352	4.333333	-7.195912	0	
182	N184	-6.547018	-1.666667	3.052055	0	
183	N185	-5.505352	-1.666667	1.247836	0	
184	N186	-1.630352	-1.666667	-5.463861	0	
185	N187	-0.630352	-1.666667	-7.195912	0	
186	N188	-3.588685	4.916667	-2.071928	0	
187	N189	-3.588685	-7.583333	-2.071928	0	
188	N204	-0.894987	3.833333	-6.23755	0	
189	N201B	-0.894987	3.933333	-6.23755	0	
190	N204A	0.894987	3.833333	-6.23755	0	
191	N201C	0.894987	3.933333	-6.23755	0	
192	N205	-4.954383	3.833333	3.893857	0	
193	N206	-4.954383	3.933333	3.893857	0	
194	N207	-5.84937	3.833333	2.343693	0	
195	N208	-5.84937	3.933333	2.343693	0	
196	N212	5.84937	3.833333	2.343693	0	
197	N213	5.84937	3.933333	2.343693	0	
198	N214	4.954383	3.833333	3.893857	0	
199	N215	4.954383	3.933333	3.893857	0	
200	N206A	5.916667	0.583333	4.143857	0	
201	N207A	5.916667	2.583333	4.143857	0	
202	N208A	5.916667	-1.416667	4.143857	0	
203	N209	0	-0.083333	4.143857	0	
204	N210A	0	1.166667	4.143857	0	
205	N211A	0	3.166667	4.143857	0	
206	N212A	0	-0.833333	4.143857	0	
207	N207B	0	0	-2.375	0	
208	N208B	.25	0	-2.375	0	
209	N209A	.25	-.5	-2.375	0	
210	N210	.25	3.5	-2.375	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL3/8x6	Beam	BAR	A36 Gr.36	Typical	2.25	.026	6.75	.101
4	Platform Crossmember	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
5	Grating Support	L2x2x2	Beam	Pipe	A53 Gr.B	Typical	.491	.189	.189	.003
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Dual Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
5	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M35A	N7	N30			RIGID	None	None	RIGID	Typical
7	M36A	N6	N29			RIGID	None	None	RIGID	Typical
8	M51B	N87C	N6			Grating Support	Beam	Pipe	A53 Gr.B	Typical
9	M52B	N7	N87B			Grating Support	Beam	Pipe	A53 Gr.B	Typical
10	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
11	M58	N102	N24			RIGID	None	None	RIGID	Typical
12	M59	N24	N103A			RIGID	None	None	RIGID	Typical
13	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M79	N131	N86A			RIGID	None	None	RIGID	Typical
16	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
17	M83	N135	N86D			RIGID	None	None	RIGID	Typical
18	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M88	N144	N86B			RIGID	None	None	RIGID	Typical
21	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
22	M92	N148	N86E			RIGID	None	None	RIGID	Typical
23	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
24	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
25	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
26	M26	N32	N37			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
27	M27	N41	N43			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
28	M28	N42	N33			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
29	M29	N52	N53			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M30	N35	N40			RIGID	None	None	RIGID	Typical
31	M31	N34	N39			RIGID	None	None	RIGID	Typical
32	M32	N57	N34			Grating Support	Beam	Pipe	A53 Gr.B	Typical
33	M33	N35	N59			Grating Support	Beam	Pipe	A53 Gr.B	Typical
34	M34	N59	N60			RIGID	None	None	RIGID	Typical
35	M35	N42	N36			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
36	M36	N36	N43			RIGID	None	None	RIGID	Typical
37	M37	N41	N45			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M38	N45	N46			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
39	M39	N46	N50			RIGID	None	None	RIGID	Typical
40	M40	N53	N47			Corner Plate	Beam	BAR	A36 Gr.36	Typical
41	M41	N47	N54			RIGID	None	None	RIGID	Typical
42	M42	N33	N44			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M43A	N44	N48			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
44	M44	N48	N51			RIGID	None	None	RIGID	Typical
45	M45	N52	N49			Corner Plate	Beam	BAR	A36 Gr.36	Typical
46	M46A	N49	N55			RIGID	None	None	RIGID	Typical
47	M47	N60	N56			RIGID	None	None	RIGID	Typical
48	M48	N56	N58			RIGID	None	None	RIGID	Typical
49	M49	N57	N58			RIGID	None	None	RIGID	Typical
50	M50A	N61	N66			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
51	M51C	N70	N72			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
52	M52A	N71	N62			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
53	M53	N81	N82			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M54	N64	N69			RIGID	None	None	RIGID	Typical
55	M55	N63	N68			RIGID	None	None	RIGID	Typical
56	M56	N86	N63			Grating Support	Beam	Pipe	A53 Gr.B	Typical
57	M57	N64	N88			Grating Support	Beam	Pipe	A53 Gr.B	Typical
58	M58A	N88	N89			RIGID	None	None	RIGID	Typical
59	M59A	N71	N65			RIGID	None	None	RIGID	Typical
60	M60	N65	N72			RIGID	None	None	RIGID	Typical
61	M61	N70	N74			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M62	N74	N75			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
63	M63	N75	N79			RIGID	None	None	RIGID	Typical
64	M64	N82	N76			Corner Plate	Beam	BAR	A36 Gr.36	Typical
65	M65	N76	N83			RIGID	None	None	RIGID	Typical
66	M66	N62	N73			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M67	N73	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
68	M68	N77	N80			RIGID	None	None	RIGID	Typical
69	M69	N81	N78			Corner Plate	Beam	BAR	A36 Gr.36	Typical
70	M70	N78	N84			RIGID	None	None	RIGID	Typical
71	M71	N89	N85			RIGID	None	None	RIGID	Typical
72	M72	N85	N87			RIGID	None	None	RIGID	Typical
73	M73	N86	N87			RIGID	None	None	RIGID	Typical
74	M74	N88B	N89A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
75	M75	N91	N92			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
76	M79B	N98	N99			Support Rail	Beam	Pipe	A53 Gr.B	Typical
77	M77A	N95	N96			Support Rail	Beam	Pipe	A53 Gr.B	Typical
78	M78	N98A	N99A			Support Rail	Beam	Pipe	A53 Gr.B	Typical
79	M79A	N117	N107			RIGID	None	None	RIGID	Typical
80	M80A	N112	N102A			RIGID	None	None	RIGID	Typical
81	M81	N111	N101A			RIGID	None	None	RIGID	Typical
82	M82	N116	N106			RIGID	None	None	RIGID	Typical
83	M83A	N115	N105A			RIGID	None	None	RIGID	Typical
84	M84A	N110	N100			RIGID	None	None	RIGID	Typical
85	M85A	N114	N104			RIGID	None	None	RIGID	Typical
86	M86	N109	N99B			RIGID	None	None	RIGID	Typical
87	M87	N113	N103			RIGID	None	None	RIGID	Typical
88	M88A	N108	N98B			RIGID	None	None	RIGID	Typical
89	MP5A	N121	N125			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP4A	N120	N124			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	MP2A	N119	N123			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	MP1A	N118	N122			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
93	MP3A	N126	N127			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94	N148A	N138			RIGID	None	None	RIGID	Typical
95	M95	N143	N133			RIGID	None	None	RIGID	Typical
96	M96	N142	N132			RIGID	None	None	RIGID	Typical
97	M97	N147	N137			RIGID	None	None	RIGID	Typical
98	M98	N146	N136			RIGID	None	None	RIGID	Typical
99	M99	N141	N131A			RIGID	None	None	RIGID	Typical
100	M100	N145	N135A			RIGID	None	None	RIGID	Typical
101	M101	N140	N130			RIGID	None	None	RIGID	Typical
102	M102	N144A	N134			RIGID	None	None	RIGID	Typical
103	M103	N139	N129			RIGID	None	None	RIGID	Typical
104	MP5C	N152	N156			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
105	MP4C	N151	N155			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	MP2C	N150	N154			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
107	MP1C	N149	N153			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
108	MP3C	N157	N158			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	M109	N179	N169			RIGID	None	None	RIGID	Typical
110	M110	N174	N164			RIGID	None	None	RIGID	Typical
111	M111	N173	N163			RIGID	None	None	RIGID	Typical
112	M112	N178	N168			RIGID	None	None	RIGID	Typical
113	M113	N177	N167			RIGID	None	None	RIGID	Typical
114	M114	N172	N162			RIGID	None	None	RIGID	Typical
115	M115	N176	N166			RIGID	None	None	RIGID	Typical
116	M116	N171	N161			RIGID	None	None	RIGID	Typical
117	M117	N175	N165			RIGID	None	None	RIGID	Typical
118	M118	N170	N160			RIGID	None	None	RIGID	Typical
119	MP5B	N183	N187			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
120	MP4B	N182	N186			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
121	MP2B	N181	N185			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
122	MP1B	N180	N184			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
123	MP3B	N188	N189			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
124	M130	N201B	N201C			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
125	M130A	N204	N201B			RIGID	None	None	RIGID	Typical
126	M130B	N204A	N201C			RIGID	None	None	RIGID	Typical
127	M131	N206	N208			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
128	M132	N205	N206			RIGID	None	None	RIGID	Typical
129	M133	N207	N208			RIGID	None	None	RIGID	Typical
130	M134	N213	N215			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
131	M135	N212	N213			RIGID	None	None	RIGID	Typical
132	M136	N214	N215			RIGID	None	None	RIGID	Typical
133	M133A	N207B	N208B			RIGID	None	None	RIGID	Typical
134	OVP	N210	N209A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M43						Yes	Default			None
5	M46						Yes	Default			None
6	M35A						Yes	** NA **			None
7	M36A						Yes	** NA **			None
8	M51B	OOOOOX	OOOOOX				Yes	Default			None
9	M52B	OOOOOX	OOOOOX				Yes	Default			None
10	M52						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...
11	M58						Yes	** NA **			None
12	M59						Yes	** NA **			None
13	M76						Yes	** NA **			None
14	M77						Yes	** NA **			None
15	M79		BenPIN				Yes	** NA **			None
16	M80						Yes				None
17	M83		BenPIN				Yes	** NA **			None
18	M84						Yes	** NA **			None
19	M85						Yes	** NA **			None
20	M88		BenPIN				Yes	** NA **			None
21	M91						Yes				None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M26						Yes				None
27	M27						Yes	Default			None
28	M28						Yes	Default			None
29	M29						Yes	Default			None
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32	OOOOOX	OOOOOX				Yes	Default			None
33	M33	OOOOOX	OOOOOX				Yes	Default			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39		BenPIN				Yes	** NA **			None
40	M40						Yes				None
41	M41		BenPIN				Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43A						Yes	** NA **			None
44	M44		BenPIN				Yes	** NA **			None
45	M45						Yes				None
46	M46A		BenPIN				Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50A						Yes				None
51	M51C						Yes	Default			None
52	M52A						Yes	Default			None
53	M53						Yes	Default			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56	OOOOOX	OOOOOX				Yes	Default			None
57	M57	OOOOOX	OOOOOX				Yes	Default			None
58	M58A						Yes	** NA **			None
59	M59A						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63		BenPIN				Yes	** NA **			None
64	M64						Yes				None
65	M65		BenPIN				Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67						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...
68	M68		BenPIN				Yes	** NA **			None
69	M69						Yes				None
70	M70		BenPIN				Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73						Yes	** NA **			None
74	M74						Yes	Default			None
75	M75						Yes	Default			None
76	M79B						Yes	Default			None
77	M77A						Yes	Default			None
78	M78						Yes	Default			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	M83A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	M88A						Yes	** NA **			None
89	MP5A						Yes	** NA **			None
90	MP4A						Yes	** NA **			None
91	MP2A						Yes	** NA **			None
92	MP1A						Yes	** NA **			None
93	MP3A						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	M98						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	MP5C						Yes	** NA **			None
105	MP4C						Yes	** NA **			None
106	MP2C						Yes	** NA **			None
107	MP1C						Yes	** NA **			None
108	MP3C						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	MP5B						Yes	** NA **			None
120	MP4B						Yes	** NA **			None
121	MP2B						Yes	** NA **			None
122	MP1B						Yes	** NA **			None
123	MP3B						Yes	** NA **			None
124	M130	BenPIN	BenPIN				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...
125	M130A						Yes	** NA **			None
126	M130B						Yes	** NA **			None
127	M131	BenPIN	BenPIN				Yes	** NA **			None
128	M132						Yes	** NA **			None
129	M133						Yes	** NA **			None
130	M134	BenPIN	BenPIN				Yes	** NA **			None
131	M135						Yes	** NA **			None
132	M136						Yes	** NA **			None
133	M133A						Yes	** NA **			None
134	OVP						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-43.55	2.75
2	MP2A	My	-.033	2.75
3	MP2A	Mz	0	2.75
4	MP2A	Y	-43.55	4.75
5	MP2A	My	-.033	4.75
6	MP2A	Mz	0	4.75
7	MP2B	Y	-43.55	2.75
8	MP2B	My	.016	2.75
9	MP2B	Mz	-.028	2.75
10	MP2B	Y	-43.55	4.75
11	MP2B	My	.016	4.75
12	MP2B	Mz	-.028	4.75
13	MP2C	Y	-43.55	2.75
14	MP2C	My	.016	2.75
15	MP2C	Mz	.028	2.75
16	MP2C	Y	-43.55	4.75
17	MP2C	My	.016	4.75
18	MP2C	Mz	.028	4.75
19	MP3A	Y	-10.4	3
20	MP3A	My	.005	3
21	MP3A	Mz	-.007	3
22	MP3B	Y	-10.4	3
23	MP3B	My	.003	3
24	MP3B	Mz	.008	3
25	MP3C	Y	-10.4	3
26	MP3C	My	-.009	3
27	MP3C	Mz	-.001	3
28	OVP	Y	-32	1
29	OVP	My	0	1
30	OVP	Mz	0	1
31	MP3A	Y	-84.4	3
32	MP3A	My	.042	3
33	MP3A	Mz	0	3
34	MP3B	Y	-84.4	3
35	MP3B	My	-.021	3
36	MP3B	Mz	.037	3
37	MP3C	Y	-84.4	3
38	MP3C	My	-.021	3
39	MP3C	Mz	-.037	3
40	MP4A	Y	-70.3	3.5
41	MP4A	My	.035	3.5
42	MP4A	Mz	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP4B	Y	-70.3	3.5
44	MP4B	My	-.018	3.5
45	MP4B	Mz	.03	3.5
46	MP4C	Y	-70.3	3.5
47	MP4C	My	-.018	3.5
48	MP4C	Mz	-.03	3.5
49	MP1A	Y	-13.5	1.75
50	MP1A	My	-.01	1.75
51	MP1A	Mz	0	1.75
52	MP1A	Y	-13.5	5.75
53	MP1A	My	-.01	5.75
54	MP1A	Mz	0	5.75
55	MP5A	Y	-13.5	1.75
56	MP5A	My	-.01	1.75
57	MP5A	Mz	0	1.75
58	MP5A	Y	-13.5	5.75
59	MP5A	My	-.01	5.75
60	MP5A	Mz	0	5.75
61	MP3A	Y	-31.65	1.75
62	MP3A	My	-.024	1.75
63	MP3A	Mz	.021	1.75
64	MP3A	Y	-31.65	5.75
65	MP3A	My	-.024	5.75
66	MP3A	Mz	.021	5.75
67	MP3B	Y	-31.65	1.75
68	MP3B	My	-.006	1.75
69	MP3B	Mz	-.031	1.75
70	MP3B	Y	-31.65	5.75
71	MP3B	My	-.006	5.75
72	MP3B	Mz	-.031	5.75
73	MP3C	Y	-31.65	1.75
74	MP3C	My	.03	1.75
75	MP3C	Mz	.01	1.75
76	MP3C	Y	-31.65	5.75
77	MP3C	My	.03	5.75
78	MP3C	Mz	.01	5.75
79	MP3A	Y	-31.65	1.75
80	MP3A	My	-.024	1.75
81	MP3A	Mz	-.021	1.75
82	MP3A	Y	-31.65	5.75
83	MP3A	My	-.024	5.75
84	MP3A	Mz	-.021	5.75
85	MP3B	Y	-31.65	1.75
86	MP3B	My	.03	1.75
87	MP3B	Mz	-.01	1.75
88	MP3B	Y	-31.65	5.75
89	MP3B	My	.03	5.75
90	MP3B	Mz	-.01	5.75
91	MP3C	Y	-31.65	1.75
92	MP3C	My	-.006	1.75
93	MP3C	Mz	.031	1.75
94	MP3C	Y	-31.65	5.75
95	MP3C	My	-.006	5.75
96	MP3C	Mz	.031	5.75
97	MP1C	Y	-6	1.63
98	MP1C	My	.002	1.63
99	MP1C	Mz	.004	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP1C	Y	-6	5.88
101	MP1C	My	.002	5.88
102	MP1C	Mz	.004	5.88
103	MP5C	Y	-6	1.63
104	MP5C	My	.002	1.63
105	MP5C	Mz	.004	1.63
106	MP5C	Y	-6	5.88
107	MP5C	My	.002	5.88
108	MP5C	Mz	.004	5.88
109	MP1B	Y	-13.5	1.63
110	MP1B	My	.005	1.63
111	MP1B	Mz	-.009	1.63
112	MP1B	Y	-13.5	5.88
113	MP1B	My	.005	5.88
114	MP1B	Mz	-.009	5.88
115	MP5B	Y	-13.5	1.63
116	MP5B	My	.005	1.63
117	MP5B	Mz	-.009	1.63
118	MP5B	Y	-13.5	5.88
119	MP5B	My	.005	5.88
120	MP5B	Mz	-.009	5.88
121	M79B	Y	-17.6	7.75
122	M79B	My	.003	7.75
123	M79B	Mz	0	7.75
124	M78	Y	-17.6	7.75
125	M78	My	-.001	7.75
126	M78	Mz	.003	7.75
127	M79B	Y	-17.6	7.75
128	M79B	My	.003	7.75
129	M79B	Mz	0	7.75
130	M78	Y	-17.6	7.75
131	M78	My	-.001	7.75
132	M78	Mz	.003	7.75

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-36.184	2.75
2	MP2A	My	-.027	2.75
3	MP2A	Mz	0	2.75
4	MP2A	Y	-36.184	4.75
5	MP2A	My	-.027	4.75
6	MP2A	Mz	0	4.75
7	MP2B	Y	-36.184	2.75
8	MP2B	My	.014	2.75
9	MP2B	Mz	-.024	2.75
10	MP2B	Y	-36.184	4.75
11	MP2B	My	.014	4.75
12	MP2B	Mz	-.024	4.75
13	MP2C	Y	-36.184	2.75
14	MP2C	My	.014	2.75
15	MP2C	Mz	.024	2.75
16	MP2C	Y	-36.184	4.75
17	MP2C	My	.014	4.75
18	MP2C	Mz	.024	4.75
19	MP3A	Y	-10.937	3
20	MP3A	My	.005	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP3A	Mz	-.007	3
22	MP3B	Y	-10.937	3
23	MP3B	My	.004	3
24	MP3B	Mz	.008	3
25	MP3C	Y	-10.937	3
26	MP3C	My	-.009	3
27	MP3C	Mz	-.001	3
28	OVP	Y	-89.297	1
29	OVP	My	0	1
30	OVP	Mz	0	1
31	MP3A	Y	-45.63	3
32	MP3A	My	.023	3
33	MP3A	Mz	0	3
34	MP3B	Y	-45.63	3
35	MP3B	My	-.011	3
36	MP3B	Mz	.02	3
37	MP3C	Y	-45.63	3
38	MP3C	My	-.011	3
39	MP3C	Mz	-.02	3
40	MP4A	Y	-41.04	3.5
41	MP4A	My	.021	3.5
42	MP4A	Mz	0	3.5
43	MP4B	Y	-41.04	3.5
44	MP4B	My	-.01	3.5
45	MP4B	Mz	.018	3.5
46	MP4C	Y	-41.04	3.5
47	MP4C	My	-.01	3.5
48	MP4C	Mz	-.018	3.5
49	MP1A	Y	-90.926	1.75
50	MP1A	My	-.068	1.75
51	MP1A	Mz	0	1.75
52	MP1A	Y	-90.926	5.75
53	MP1A	My	-.068	5.75
54	MP1A	Mz	0	5.75
55	MP5A	Y	-90.926	1.75
56	MP5A	My	-.068	1.75
57	MP5A	Mz	0	1.75
58	MP5A	Y	-90.926	5.75
59	MP5A	My	-.068	5.75
60	MP5A	Mz	0	5.75
61	MP3A	Y	-71.048	1.75
62	MP3A	My	-.053	1.75
63	MP3A	Mz	.047	1.75
64	MP3A	Y	-71.048	5.75
65	MP3A	My	-.053	5.75
66	MP3A	Mz	.047	5.75
67	MP3B	Y	-71.048	1.75
68	MP3B	My	-.014	1.75
69	MP3B	Mz	-.07	1.75
70	MP3B	Y	-71.048	5.75
71	MP3B	My	-.014	5.75
72	MP3B	Mz	-.07	5.75
73	MP3C	Y	-71.048	1.75
74	MP3C	My	.068	1.75
75	MP3C	Mz	.022	1.75
76	MP3C	Y	-71.048	5.75
77	MP3C	My	.068	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP3C	Mz	.022	5.75
79	MP3A	Y	-71.048	1.75
80	MP3A	My	-.053	1.75
81	MP3A	Mz	-.047	1.75
82	MP3A	Y	-71.048	5.75
83	MP3A	My	-.053	5.75
84	MP3A	Mz	-.047	5.75
85	MP3B	Y	-71.048	1.75
86	MP3B	My	.068	1.75
87	MP3B	Mz	-.022	1.75
88	MP3B	Y	-71.048	5.75
89	MP3B	My	.068	5.75
90	MP3B	Mz	-.022	5.75
91	MP3C	Y	-71.048	1.75
92	MP3C	My	-.014	1.75
93	MP3C	Mz	.07	1.75
94	MP3C	Y	-71.048	5.75
95	MP3C	My	-.014	5.75
96	MP3C	Mz	.07	5.75
97	MP1C	Y	-40.943	1.63
98	MP1C	My	.015	1.63
99	MP1C	Mz	.027	1.63
100	MP1C	Y	-40.943	5.88
101	MP1C	My	.015	5.88
102	MP1C	Mz	.027	5.88
103	MP5C	Y	-40.943	1.63
104	MP5C	My	.015	1.63
105	MP5C	Mz	.027	1.63
106	MP5C	Y	-40.943	5.88
107	MP5C	My	.015	5.88
108	MP5C	Mz	.027	5.88
109	MP1B	Y	-90.926	1.63
110	MP1B	My	.034	1.63
111	MP1B	Mz	-.059	1.63
112	MP1B	Y	-90.926	5.88
113	MP1B	My	.034	5.88
114	MP1B	Mz	-.059	5.88
115	MP5B	Y	-90.926	1.63
116	MP5B	My	.034	1.63
117	MP5B	Mz	-.059	1.63
118	MP5B	Y	-90.926	5.88
119	MP5B	My	.034	5.88
120	MP5B	Mz	-.059	5.88
121	M79B	Y	-17.649	7.75
122	M79B	My	.003	7.75
123	M79B	Mz	0	7.75
124	M78	Y	-17.649	7.75
125	M78	My	-.001	7.75
126	M78	Mz	.003	7.75
127	M79B	Y	-17.649	7.75
128	M79B	My	.003	7.75
129	M79B	Mz	0	7.75
130	M78	Y	-17.649	7.75
131	M78	My	-.001	7.75
132	M78	Mz	.003	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.75
2	MP2A	Z	-68.632	2.75
3	MP2A	Mx	0	2.75
4	MP2A	X	0	4.75
5	MP2A	Z	-68.632	4.75
6	MP2A	Mx	0	4.75
7	MP2B	X	0	2.75
8	MP2B	Z	-34.885	2.75
9	MP2B	Mx	.023	2.75
10	MP2B	X	0	4.75
11	MP2B	Z	-34.885	4.75
12	MP2B	Mx	.023	4.75
13	MP2C	X	0	2.75
14	MP2C	Z	-34.885	2.75
15	MP2C	Mx	-.023	2.75
16	MP2C	X	0	4.75
17	MP2C	Z	-34.885	4.75
18	MP2C	Mx	-.023	4.75
19	MP3A	X	0	3
20	MP3A	Z	-12.956	3
21	MP3A	Mx	.009	3
22	MP3B	X	0	3
23	MP3B	Z	-9.962	3
24	MP3B	Mx	-.008	3
25	MP3C	X	0	3
26	MP3C	Z	-9.962	3
27	MP3C	Mx	.000993	3
28	OVP	X	0	1
29	OVP	Z	-133.741	1
30	OVP	Mx	0	1
31	MP3A	X	0	3
32	MP3A	Z	-54.275	3
33	MP3A	Mx	0	3
34	MP3B	X	0	3
35	MP3B	Z	-40.882	3
36	MP3B	Mx	-.018	3
37	MP3C	X	0	3
38	MP3C	Z	-40.882	3
39	MP3C	Mx	.018	3
40	MP4A	X	0	3.5
41	MP4A	Z	-54.275	3.5
42	MP4A	Mx	0	3.5
43	MP4B	X	0	3.5
44	MP4B	Z	-35.892	3.5
45	MP4B	Mx	-.016	3.5
46	MP4C	X	0	3.5
47	MP4C	Z	-35.892	3.5
48	MP4C	Mx	.016	3.5
49	MP1A	X	0	1.75
50	MP1A	Z	-170.88	1.75
51	MP1A	Mx	0	1.75
52	MP1A	X	0	5.75
53	MP1A	Z	-170.88	5.75
54	MP1A	Mx	0	5.75
55	MP5A	X	0	1.75
56	MP5A	Z	-170.88	1.75
57	MP5A	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5A	X	0	5.75
59	MP5A	Z	-170.88	5.75
60	MP5A	Mx	0	5.75
61	MP3A	X	0	1.75
62	MP3A	Z	-159.499	1.75
63	MP3A	Mx	-.106	1.75
64	MP3A	X	0	5.75
65	MP3A	Z	-159.499	5.75
66	MP3A	Mx	-.106	5.75
67	MP3B	X	0	1.75
68	MP3B	Z	-118.443	1.75
69	MP3B	Mx	.116	1.75
70	MP3B	X	0	5.75
71	MP3B	Z	-118.443	5.75
72	MP3B	Mx	.116	5.75
73	MP3C	X	0	1.75
74	MP3C	Z	-118.443	1.75
75	MP3C	Mx	-.037	1.75
76	MP3C	X	0	5.75
77	MP3C	Z	-118.443	5.75
78	MP3C	Mx	-.037	5.75
79	MP3A	X	0	1.75
80	MP3A	Z	-159.499	1.75
81	MP3A	Mx	.106	1.75
82	MP3A	X	0	5.75
83	MP3A	Z	-159.499	5.75
84	MP3A	Mx	.106	5.75
85	MP3B	X	0	1.75
86	MP3B	Z	-118.443	1.75
87	MP3B	Mx	.037	1.75
88	MP3B	X	0	5.75
89	MP3B	Z	-118.443	5.75
90	MP3B	Mx	.037	5.75
91	MP3C	X	0	1.75
92	MP3C	Z	-118.443	1.75
93	MP3C	Mx	-.116	1.75
94	MP3C	X	0	5.75
95	MP3C	Z	-118.443	5.75
96	MP3C	Mx	-.116	5.75
97	MP1C	X	0	1.63
98	MP1C	Z	-82.317	1.63
99	MP1C	Mx	-.053	1.63
100	MP1C	X	0	5.88
101	MP1C	Z	-82.317	5.88
102	MP1C	Mx	-.053	5.88
103	MP5C	X	0	1.63
104	MP5C	Z	-82.317	1.63
105	MP5C	Mx	-.053	1.63
106	MP5C	X	0	5.88
107	MP5C	Z	-82.317	5.88
108	MP5C	Mx	-.053	5.88
109	MP1B	X	0	1.63
110	MP1B	Z	-155.691	1.63
111	MP1B	Mx	.101	1.63
112	MP1B	X	0	5.88
113	MP1B	Z	-155.691	5.88
114	MP1B	Mx	.101	5.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP5B	X	0	1.63
116	MP5B	Z	-155.691	1.63
117	MP5B	Mx	.101	1.63
118	MP5B	X	0	5.88
119	MP5B	Z	-155.691	5.88
120	MP5B	Mx	.101	5.88
121	M79B	X	0	7.75
122	M79B	Z	-33.616	7.75
123	M79B	Mx	0	7.75
124	M78	X	0	7.75
125	M78	Z	-16.051	7.75
126	M78	Mx	-.002	7.75
127	M79B	X	0	7.75
128	M79B	Z	-33.616	7.75
129	M79B	Mx	0	7.75
130	M78	X	0	7.75
131	M78	Z	-16.051	7.75
132	M78	Mx	-.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	28.692	2.75
2	MP2A	Z	-49.695	2.75
3	MP2A	Mx	-.022	2.75
4	MP2A	X	28.692	4.75
5	MP2A	Z	-49.695	4.75
6	MP2A	Mx	-.022	4.75
7	MP2B	X	11.818	2.75
8	MP2B	Z	-20.469	2.75
9	MP2B	Mx	.018	2.75
10	MP2B	X	11.818	4.75
11	MP2B	Z	-20.469	4.75
12	MP2B	Mx	.018	4.75
13	MP2C	X	28.692	2.75
14	MP2C	Z	-49.695	2.75
15	MP2C	Mx	-.022	2.75
16	MP2C	X	28.692	4.75
17	MP2C	Z	-49.695	4.75
18	MP2C	Mx	-.022	4.75
19	MP3A	X	5.979	3
20	MP3A	Z	-10.356	3
21	MP3A	Mx	.01	3
22	MP3B	X	4.482	3
23	MP3B	Z	-7.763	3
24	MP3B	Mx	-.004	3
25	MP3C	X	5.979	3
26	MP3C	Z	-10.356	3
27	MP3C	Mx	-.004	3
28	OVP	X	58.444	1
29	OVP	Z	-101.229	1
30	OVP	Mx	0	1
31	MP3A	X	24.905	3
32	MP3A	Z	-43.137	3
33	MP3A	Mx	.012	3
34	MP3B	X	18.209	3
35	MP3B	Z	-31.538	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3B	Mx	-.018	3
37	MP3C	X	24.905	3
38	MP3C	Z	-43.137	3
39	MP3C	Mx	.012	3
40	MP4A	X	24.074	3.5
41	MP4A	Z	-41.697	3.5
42	MP4A	Mx	.012	3.5
43	MP4B	X	14.882	3.5
44	MP4B	Z	-25.776	3.5
45	MP4B	Mx	-.015	3.5
46	MP4C	X	24.074	3.5
47	MP4C	Z	-41.697	3.5
48	MP4C	Mx	.012	3.5
49	MP1A	X	82.908	1.75
50	MP1A	Z	-143.602	1.75
51	MP1A	Mx	-.062	1.75
52	MP1A	X	82.908	5.75
53	MP1A	Z	-143.602	5.75
54	MP1A	Mx	-.062	5.75
55	MP5A	X	82.908	1.75
56	MP5A	Z	-143.602	1.75
57	MP5A	Mx	-.062	1.75
58	MP5A	X	82.908	5.75
59	MP5A	Z	-143.602	5.75
60	MP5A	Mx	-.062	5.75
61	MP3A	X	72.907	1.75
62	MP3A	Z	-126.279	1.75
63	MP3A	Mx	-.139	1.75
64	MP3A	X	72.907	5.75
65	MP3A	Z	-126.279	5.75
66	MP3A	Mx	-.139	5.75
67	MP3B	X	52.379	1.75
68	MP3B	Z	-90.722	1.75
69	MP3B	Mx	.079	1.75
70	MP3B	X	52.379	5.75
71	MP3B	Z	-90.722	5.75
72	MP3B	Mx	.079	5.75
73	MP3C	X	72.907	1.75
74	MP3C	Z	-126.279	1.75
75	MP3C	Mx	.03	1.75
76	MP3C	X	72.907	5.75
77	MP3C	Z	-126.279	5.75
78	MP3C	Mx	.03	5.75
79	MP3A	X	72.907	1.75
80	MP3A	Z	-126.279	1.75
81	MP3A	Mx	.03	1.75
82	MP3A	X	72.907	5.75
83	MP3A	Z	-126.279	5.75
84	MP3A	Mx	.03	5.75
85	MP3B	X	52.379	1.75
86	MP3B	Z	-90.722	1.75
87	MP3B	Mx	.079	1.75
88	MP3B	X	52.379	5.75
89	MP3B	Z	-90.722	5.75
90	MP3B	Mx	.079	5.75
91	MP3C	X	72.907	1.75
92	MP3C	Z	-126.279	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3C	Mx	-.139	1.75
94	MP3C	X	72.907	5.75
95	MP3C	Z	-126.279	5.75
96	MP3C	Mx	-.139	5.75
97	MP1C	X	28.952	1.63
98	MP1C	Z	-50.146	1.63
99	MP1C	Mx	-.022	1.63
100	MP1C	X	28.952	5.88
101	MP1C	Z	-50.146	5.88
102	MP1C	Mx	-.022	5.88
103	MP5C	X	28.952	1.63
104	MP5C	Z	-50.146	1.63
105	MP5C	Mx	-.022	1.63
106	MP5C	X	28.952	5.88
107	MP5C	Z	-50.146	5.88
108	MP5C	Mx	-.022	5.88
109	MP1B	X	75.314	1.63
110	MP1B	Z	-130.448	1.63
111	MP1B	Mx	.113	1.63
112	MP1B	X	75.314	5.88
113	MP1B	Z	-130.448	5.88
114	MP1B	Mx	.113	5.88
115	MP5B	X	75.314	1.63
116	MP5B	Z	-130.448	1.63
117	MP5B	Mx	.113	1.63
118	MP5B	X	75.314	5.88
119	MP5B	Z	-130.448	5.88
120	MP5B	Mx	.113	5.88
121	M79B	X	13.88	7.75
122	M79B	Z	-24.041	7.75
123	M79B	Mx	.002	7.75
124	M78	X	5.098	7.75
125	M78	Z	-8.83	7.75
126	M78	Mx	-.002	7.75
127	M79B	X	13.88	7.75
128	M79B	Z	-24.041	7.75
129	M79B	Mx	.002	7.75
130	M78	X	5.098	7.75
131	M78	Z	-8.83	7.75
132	M78	Mx	-.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	30.211	2.75
2	MP2A	Z	-17.443	2.75
3	MP2A	Mx	-.023	2.75
4	MP2A	X	30.211	4.75
5	MP2A	Z	-17.443	4.75
6	MP2A	Mx	-.023	4.75
7	MP2B	X	30.211	2.75
8	MP2B	Z	-17.443	2.75
9	MP2B	Mx	.023	2.75
10	MP2B	X	30.211	4.75
11	MP2B	Z	-17.443	4.75
12	MP2B	Mx	.023	4.75
13	MP2C	X	59.437	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	-34.316	2.75
15	MP2C	Mx	0	2.75
16	MP2C	X	59.437	4.75
17	MP2C	Z	-34.316	4.75
18	MP2C	Mx	0	4.75
19	MP3A	X	8.627	3
20	MP3A	Z	-4.981	3
21	MP3A	Mx	.008	3
22	MP3B	X	8.627	3
23	MP3B	Z	-4.981	3
24	MP3B	Mx	-.000993	3
25	MP3C	X	11.22	3
26	MP3C	Z	-6.478	3
27	MP3C	Mx	-.009	3
28	OVP	X	93.932	1
29	OVP	Z	-54.232	1
30	OVP	Mx	0	1
31	MP3A	X	35.404	3
32	MP3A	Z	-20.441	3
33	MP3A	Mx	.018	3
34	MP3B	X	35.404	3
35	MP3B	Z	-20.441	3
36	MP3B	Mx	-.018	3
37	MP3C	X	47.004	3
38	MP3C	Z	-27.138	3
39	MP3C	Mx	0	3
40	MP4A	X	31.083	3.5
41	MP4A	Z	-17.946	3.5
42	MP4A	Mx	.016	3.5
43	MP4B	X	31.083	3.5
44	MP4B	Z	-17.946	3.5
45	MP4B	Mx	-.016	3.5
46	MP4C	X	47.004	3.5
47	MP4C	Z	-27.138	3.5
48	MP4C	Mx	0	3.5
49	MP1A	X	134.833	1.75
50	MP1A	Z	-77.846	1.75
51	MP1A	Mx	-.101	1.75
52	MP1A	X	134.833	5.75
53	MP1A	Z	-77.846	5.75
54	MP1A	Mx	-.101	5.75
55	MP5A	X	134.833	1.75
56	MP5A	Z	-77.846	1.75
57	MP5A	Mx	-.101	1.75
58	MP5A	X	134.833	5.75
59	MP5A	Z	-77.846	5.75
60	MP5A	Mx	-.101	5.75
61	MP3A	X	102.574	1.75
62	MP3A	Z	-59.221	1.75
63	MP3A	Mx	-.116	1.75
64	MP3A	X	102.574	5.75
65	MP3A	Z	-59.221	5.75
66	MP3A	Mx	-.116	5.75
67	MP3B	X	102.574	1.75
68	MP3B	Z	-59.221	1.75
69	MP3B	Mx	.037	1.75
70	MP3B	X	102.574	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3B	Z	-59.221	5.75
72	MP3B	Mx	.037	5.75
73	MP3C	X	138.131	1.75
74	MP3C	Z	-79.75	1.75
75	MP3C	Mx	.106	1.75
76	MP3C	X	138.131	5.75
77	MP3C	Z	-79.75	5.75
78	MP3C	Mx	.106	5.75
79	MP3A	X	102.574	1.75
80	MP3A	Z	-59.221	1.75
81	MP3A	Mx	-.037	1.75
82	MP3A	X	102.574	5.75
83	MP3A	Z	-59.221	5.75
84	MP3A	Mx	-.037	5.75
85	MP3B	X	102.574	1.75
86	MP3B	Z	-59.221	1.75
87	MP3B	Mx	.116	1.75
88	MP3B	X	102.574	5.75
89	MP3B	Z	-59.221	5.75
90	MP3B	Mx	.116	5.75
91	MP3C	X	138.131	1.75
92	MP3C	Z	-79.75	1.75
93	MP3C	Mx	-.106	1.75
94	MP3C	X	138.131	5.75
95	MP3C	Z	-79.75	5.75
96	MP3C	Mx	-.106	5.75
97	MP1C	X	39.574	1.63
98	MP1C	Z	-22.848	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	39.574	5.88
101	MP1C	Z	-22.848	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	39.574	1.63
104	MP5C	Z	-22.848	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	39.574	5.88
107	MP5C	Z	-22.848	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	134.833	1.63
110	MP1B	Z	-77.846	1.63
111	MP1B	Mx	.101	1.63
112	MP1B	X	134.833	5.88
113	MP1B	Z	-77.846	5.88
114	MP1B	Mx	.101	5.88
115	MP5B	X	134.833	1.63
116	MP5B	Z	-77.846	1.63
117	MP5B	Mx	.101	1.63
118	MP5B	X	134.833	5.88
119	MP5B	Z	-77.846	5.88
120	MP5B	Mx	.101	5.88
121	M79B	X	13.9	7.75
122	M79B	Z	-8.025	7.75
123	M79B	Mx	.002	7.75
124	M78	X	13.9	7.75
125	M78	Z	-8.025	7.75
126	M78	Mx	-.002	7.75
127	M79B	X	13.9	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
128	M79B	Z	-8.025	7.75
129	M79B	Mx	.002	7.75
130	M78	X	13.9	7.75
131	M78	Z	-8.025	7.75
132	M78	Mx	-.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	23.636	2.75
2	MP2A	Z	0	2.75
3	MP2A	Mx	-.018	2.75
4	MP2A	X	23.636	4.75
5	MP2A	Z	0	4.75
6	MP2A	Mx	-.018	4.75
7	MP2B	X	57.383	2.75
8	MP2B	Z	0	2.75
9	MP2B	Mx	.022	2.75
10	MP2B	X	57.383	4.75
11	MP2B	Z	0	4.75
12	MP2B	Mx	.022	4.75
13	MP2C	X	57.383	2.75
14	MP2C	Z	0	2.75
15	MP2C	Mx	.022	2.75
16	MP2C	X	57.383	4.75
17	MP2C	Z	0	4.75
18	MP2C	Mx	.022	4.75
19	MP3A	X	8.964	3
20	MP3A	Z	0	3
21	MP3A	Mx	.004	3
22	MP3B	X	11.958	3
23	MP3B	Z	0	3
24	MP3B	Mx	.004	3
25	MP3C	X	11.958	3
26	MP3C	Z	0	3
27	MP3C	Mx	-.01	3
28	OVP	X	116.889	1
29	OVP	Z	0	1
30	OVP	Mx	0	1
31	MP3A	X	36.417	3
32	MP3A	Z	0	3
33	MP3A	Mx	.018	3
34	MP3B	X	49.811	3
35	MP3B	Z	0	3
36	MP3B	Mx	-.012	3
37	MP3C	X	49.811	3
38	MP3C	Z	0	3
39	MP3C	Mx	-.012	3
40	MP4A	X	29.764	3.5
41	MP4A	Z	0	3.5
42	MP4A	Mx	.015	3.5
43	MP4B	X	48.147	3.5
44	MP4B	Z	0	3.5
45	MP4B	Mx	-.012	3.5
46	MP4C	X	48.147	3.5
47	MP4C	Z	0	3.5
48	MP4C	Mx	-.012	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1A	X	150.628	1.75
50	MP1A	Z	0	1.75
51	MP1A	Mx	-.113	1.75
52	MP1A	X	150.628	5.75
53	MP1A	Z	0	5.75
54	MP1A	Mx	-.113	5.75
55	MP5A	X	150.628	1.75
56	MP5A	Z	0	1.75
57	MP5A	Mx	-.113	1.75
58	MP5A	X	150.628	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	-.113	5.75
61	MP3A	X	104.757	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	-.079	1.75
64	MP3A	X	104.757	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	-.079	5.75
67	MP3B	X	145.814	1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	-.03	1.75
70	MP3B	X	145.814	5.75
71	MP3B	Z	0	5.75
72	MP3B	Mx	-.03	5.75
73	MP3C	X	145.814	1.75
74	MP3C	Z	0	1.75
75	MP3C	Mx	.139	1.75
76	MP3C	X	145.814	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	.139	5.75
79	MP3A	X	104.757	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	-.079	1.75
82	MP3A	X	104.757	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	-.079	5.75
85	MP3B	X	145.814	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	.139	1.75
88	MP3B	X	145.814	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	.139	5.75
91	MP3C	X	145.814	1.75
92	MP3C	Z	0	1.75
93	MP3C	Mx	-.03	1.75
94	MP3C	X	145.814	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	-.03	5.75
97	MP1C	X	57.903	1.63
98	MP1C	Z	0	1.63
99	MP1C	Mx	.022	1.63
100	MP1C	X	57.903	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	.022	5.88
103	MP5C	X	57.903	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	.022	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP5C	X	57.903	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	.022	5.88
109	MP1B	X	165.817	1.63
110	MP1B	Z	0	1.63
111	MP1B	Mx	.062	1.63
112	MP1B	X	165.817	5.88
113	MP1B	Z	0	5.88
114	MP1B	Mx	.062	5.88
115	MP5B	X	165.817	1.63
116	MP5B	Z	0	1.63
117	MP5B	Mx	.062	1.63
118	MP5B	X	165.817	5.88
119	MP5B	Z	0	5.88
120	MP5B	Mx	.062	5.88
121	M79B	X	10.196	7.75
122	M79B	Z	0	7.75
123	M79B	Mx	.002	7.75
124	M78	X	27.761	7.75
125	M78	Z	0	7.75
126	M78	Mx	-.002	7.75
127	M79B	X	10.196	7.75
128	M79B	Z	0	7.75
129	M79B	Mx	.002	7.75
130	M78	X	27.761	7.75
131	M78	Z	0	7.75
132	M78	Mx	-.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	30.211	2.75
2	MP2A	Z	17.443	2.75
3	MP2A	Mx	-.023	2.75
4	MP2A	X	30.211	4.75
5	MP2A	Z	17.443	4.75
6	MP2A	Mx	-.023	4.75
7	MP2B	X	59.437	2.75
8	MP2B	Z	34.316	2.75
9	MP2B	Mx	0	2.75
10	MP2B	X	59.437	4.75
11	MP2B	Z	34.316	4.75
12	MP2B	Mx	0	4.75
13	MP2C	X	30.211	2.75
14	MP2C	Z	17.443	2.75
15	MP2C	Mx	.023	2.75
16	MP2C	X	30.211	4.75
17	MP2C	Z	17.443	4.75
18	MP2C	Mx	.023	4.75
19	MP3A	X	8.627	3
20	MP3A	Z	4.981	3
21	MP3A	Mx	.000993	3
22	MP3B	X	11.22	3
23	MP3B	Z	6.478	3
24	MP3B	Mx	.009	3
25	MP3C	X	8.627	3
26	MP3C	Z	4.981	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3C	Mx	-.008	3
28	OVP	X	115.823	1
29	OVP	Z	66.87	1
30	OVP	Mx	0	1
31	MP3A	X	35.404	3
32	MP3A	Z	20.441	3
33	MP3A	Mx	.018	3
34	MP3B	X	47.004	3
35	MP3B	Z	27.138	3
36	MP3B	Mx	0	3
37	MP3C	X	35.404	3
38	MP3C	Z	20.441	3
39	MP3C	Mx	-.018	3
40	MP4A	X	31.083	3.5
41	MP4A	Z	17.946	3.5
42	MP4A	Mx	.016	3.5
43	MP4B	X	47.004	3.5
44	MP4B	Z	27.138	3.5
45	MP4B	Mx	0	3.5
46	MP4C	X	31.083	3.5
47	MP4C	Z	17.946	3.5
48	MP4C	Mx	-.016	3.5
49	MP1A	X	134.833	1.75
50	MP1A	Z	77.846	1.75
51	MP1A	Mx	-.101	1.75
52	MP1A	X	134.833	5.75
53	MP1A	Z	77.846	5.75
54	MP1A	Mx	-.101	5.75
55	MP5A	X	134.833	1.75
56	MP5A	Z	77.846	1.75
57	MP5A	Mx	-.101	1.75
58	MP5A	X	134.833	5.75
59	MP5A	Z	77.846	5.75
60	MP5A	Mx	-.101	5.75
61	MP3A	X	102.574	1.75
62	MP3A	Z	59.221	1.75
63	MP3A	Mx	-.037	1.75
64	MP3A	X	102.574	5.75
65	MP3A	Z	59.221	5.75
66	MP3A	Mx	-.037	5.75
67	MP3B	X	138.131	1.75
68	MP3B	Z	79.75	1.75
69	MP3B	Mx	-.106	1.75
70	MP3B	X	138.131	5.75
71	MP3B	Z	79.75	5.75
72	MP3B	Mx	-.106	5.75
73	MP3C	X	102.574	1.75
74	MP3C	Z	59.221	1.75
75	MP3C	Mx	.116	1.75
76	MP3C	X	102.574	5.75
77	MP3C	Z	59.221	5.75
78	MP3C	Mx	.116	5.75
79	MP3A	X	102.574	1.75
80	MP3A	Z	59.221	1.75
81	MP3A	Mx	-.116	1.75
82	MP3A	X	102.574	5.75
83	MP3A	Z	59.221	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3A	Mx	-.116	5.75
85	MP3B	X	138.131	1.75
86	MP3B	Z	79.75	1.75
87	MP3B	Mx	.106	1.75
88	MP3B	X	138.131	5.75
89	MP3B	Z	79.75	5.75
90	MP3B	Mx	.106	5.75
91	MP3C	X	102.574	1.75
92	MP3C	Z	59.221	1.75
93	MP3C	Mx	.037	1.75
94	MP3C	X	102.574	5.75
95	MP3C	Z	59.221	5.75
96	MP3C	Mx	.037	5.75
97	MP1C	X	71.289	1.63
98	MP1C	Z	41.159	1.63
99	MP1C	Mx	.053	1.63
100	MP1C	X	71.289	5.88
101	MP1C	Z	41.159	5.88
102	MP1C	Mx	.053	5.88
103	MP5C	X	71.289	1.63
104	MP5C	Z	41.159	1.63
105	MP5C	Mx	.053	1.63
106	MP5C	X	71.289	5.88
107	MP5C	Z	41.159	5.88
108	MP5C	Mx	.053	5.88
109	MP1B	X	147.986	1.63
110	MP1B	Z	85.44	1.63
111	MP1B	Mx	0	1.63
112	MP1B	X	147.986	5.88
113	MP1B	Z	85.44	5.88
114	MP1B	Mx	0	5.88
115	MP5B	X	147.986	1.63
116	MP5B	Z	85.44	1.63
117	MP5B	Mx	0	1.63
118	MP5B	X	147.986	5.88
119	MP5B	Z	85.44	5.88
120	MP5B	Mx	0	5.88
121	M79B	X	13.9	7.75
122	M79B	Z	8.025	7.75
123	M79B	Mx	.002	7.75
124	M78	X	29.112	7.75
125	M78	Z	16.808	7.75
126	M78	Mx	0	7.75
127	M79B	X	13.9	7.75
128	M79B	Z	8.025	7.75
129	M79B	Mx	.002	7.75
130	M78	X	29.112	7.75
131	M78	Z	16.808	7.75
132	M78	Mx	0	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	28.692	2.75
2	MP2A	Z	49.695	2.75
3	MP2A	Mx	-.022	2.75
4	MP2A	X	28.692	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	49.695	4.75
6	MP2A	Mx	-.022	4.75
7	MP2B	X	28.692	2.75
8	MP2B	Z	49.695	2.75
9	MP2B	Mx	-.022	2.75
10	MP2B	X	28.692	4.75
11	MP2B	Z	49.695	4.75
12	MP2B	Mx	-.022	4.75
13	MP2C	X	11.818	2.75
14	MP2C	Z	20.469	2.75
15	MP2C	Mx	.018	2.75
16	MP2C	X	11.818	4.75
17	MP2C	Z	20.469	4.75
18	MP2C	Mx	.018	4.75
19	MP3A	X	5.979	3
20	MP3A	Z	10.356	3
21	MP3A	Mx	-.004	3
22	MP3B	X	5.979	3
23	MP3B	Z	10.356	3
24	MP3B	Mx	.01	3
25	MP3C	X	4.482	3
26	MP3C	Z	7.763	3
27	MP3C	Mx	-.004	3
28	OVP	X	71.083	1
29	OVP	Z	123.12	1
30	OVP	Mx	0	1
31	MP3A	X	24.905	3
32	MP3A	Z	43.137	3
33	MP3A	Mx	.012	3
34	MP3B	X	24.905	3
35	MP3B	Z	43.137	3
36	MP3B	Mx	.012	3
37	MP3C	X	18.209	3
38	MP3C	Z	31.538	3
39	MP3C	Mx	-.018	3
40	MP4A	X	24.074	3.5
41	MP4A	Z	41.697	3.5
42	MP4A	Mx	.012	3.5
43	MP4B	X	24.074	3.5
44	MP4B	Z	41.697	3.5
45	MP4B	Mx	.012	3.5
46	MP4C	X	14.882	3.5
47	MP4C	Z	25.776	3.5
48	MP4C	Mx	-.015	3.5
49	MP1A	X	82.908	1.75
50	MP1A	Z	143.602	1.75
51	MP1A	Mx	-.062	1.75
52	MP1A	X	82.908	5.75
53	MP1A	Z	143.602	5.75
54	MP1A	Mx	-.062	5.75
55	MP5A	X	82.908	1.75
56	MP5A	Z	143.602	1.75
57	MP5A	Mx	-.062	1.75
58	MP5A	X	82.908	5.75
59	MP5A	Z	143.602	5.75
60	MP5A	Mx	-.062	5.75
61	MP3A	X	72.907	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3A	Z	126.279	1.75
63	MP3A	Mx	.03	1.75
64	MP3A	X	72.907	5.75
65	MP3A	Z	126.279	5.75
66	MP3A	Mx	.03	5.75
67	MP3B	X	72.907	1.75
68	MP3B	Z	126.279	1.75
69	MP3B	Mx	-.139	1.75
70	MP3B	X	72.907	5.75
71	MP3B	Z	126.279	5.75
72	MP3B	Mx	-.139	5.75
73	MP3C	X	52.379	1.75
74	MP3C	Z	90.722	1.75
75	MP3C	Mx	.079	1.75
76	MP3C	X	52.379	5.75
77	MP3C	Z	90.722	5.75
78	MP3C	Mx	.079	5.75
79	MP3A	X	72.907	1.75
80	MP3A	Z	126.279	1.75
81	MP3A	Mx	-.139	1.75
82	MP3A	X	72.907	5.75
83	MP3A	Z	126.279	5.75
84	MP3A	Mx	-.139	5.75
85	MP3B	X	72.907	1.75
86	MP3B	Z	126.279	1.75
87	MP3B	Mx	.03	1.75
88	MP3B	X	72.907	5.75
89	MP3B	Z	126.279	5.75
90	MP3B	Mx	.03	5.75
91	MP3C	X	52.379	1.75
92	MP3C	Z	90.722	1.75
93	MP3C	Mx	.079	1.75
94	MP3C	X	52.379	5.75
95	MP3C	Z	90.722	5.75
96	MP3C	Mx	.079	5.75
97	MP1C	X	47.262	1.63
98	MP1C	Z	81.86	1.63
99	MP1C	Mx	.071	1.63
100	MP1C	X	47.262	5.88
101	MP1C	Z	81.86	5.88
102	MP1C	Mx	.071	5.88
103	MP5C	X	47.262	1.63
104	MP5C	Z	81.86	1.63
105	MP5C	Mx	.071	1.63
106	MP5C	X	47.262	5.88
107	MP5C	Z	81.86	5.88
108	MP5C	Mx	.071	5.88
109	MP1B	X	82.908	1.63
110	MP1B	Z	143.602	1.63
111	MP1B	Mx	-.062	1.63
112	MP1B	X	82.908	5.88
113	MP1B	Z	143.602	5.88
114	MP1B	Mx	-.062	5.88
115	MP5B	X	82.908	1.63
116	MP5B	Z	143.602	1.63
117	MP5B	Mx	-.062	1.63
118	MP5B	X	82.908	5.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP5B	Z	143.602	5.88
120	MP5B	Mx	-.062	5.88
121	M79B	X	13.88	7.75
122	M79B	Z	24.041	7.75
123	M79B	Mx	.002	7.75
124	M78	X	13.88	7.75
125	M78	Z	24.041	7.75
126	M78	Mx	.002	7.75
127	M79B	X	13.88	7.75
128	M79B	Z	24.041	7.75
129	M79B	Mx	.002	7.75
130	M78	X	13.88	7.75
131	M78	Z	24.041	7.75
132	M78	Mx	.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.75
2	MP2A	Z	68.632	2.75
3	MP2A	Mx	0	2.75
4	MP2A	X	0	4.75
5	MP2A	Z	68.632	4.75
6	MP2A	Mx	0	4.75
7	MP2B	X	0	2.75
8	MP2B	Z	34.885	2.75
9	MP2B	Mx	-.023	2.75
10	MP2B	X	0	4.75
11	MP2B	Z	34.885	4.75
12	MP2B	Mx	-.023	4.75
13	MP2C	X	0	2.75
14	MP2C	Z	34.885	2.75
15	MP2C	Mx	.023	2.75
16	MP2C	X	0	4.75
17	MP2C	Z	34.885	4.75
18	MP2C	Mx	.023	4.75
19	MP3A	X	0	3
20	MP3A	Z	12.956	3
21	MP3A	Mx	-.009	3
22	MP3B	X	0	3
23	MP3B	Z	9.962	3
24	MP3B	Mx	.008	3
25	MP3C	X	0	3
26	MP3C	Z	9.962	3
27	MP3C	Mx	-.000993	3
28	OVP	X	0	1
29	OVP	Z	133.741	1
30	OVP	Mx	0	1
31	MP3A	X	0	3
32	MP3A	Z	54.275	3
33	MP3A	Mx	0	3
34	MP3B	X	0	3
35	MP3B	Z	40.882	3
36	MP3B	Mx	.018	3
37	MP3C	X	0	3
38	MP3C	Z	40.882	3
39	MP3C	Mx	-.018	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A	X	0	3.5
41	MP4A	Z	54.275	3.5
42	MP4A	Mx	0	3.5
43	MP4B	X	0	3.5
44	MP4B	Z	35.892	3.5
45	MP4B	Mx	.016	3.5
46	MP4C	X	0	3.5
47	MP4C	Z	35.892	3.5
48	MP4C	Mx	-.016	3.5
49	MP1A	X	0	1.75
50	MP1A	Z	170.88	1.75
51	MP1A	Mx	0	1.75
52	MP1A	X	0	5.75
53	MP1A	Z	170.88	5.75
54	MP1A	Mx	0	5.75
55	MP5A	X	0	1.75
56	MP5A	Z	170.88	1.75
57	MP5A	Mx	0	1.75
58	MP5A	X	0	5.75
59	MP5A	Z	170.88	5.75
60	MP5A	Mx	0	5.75
61	MP3A	X	0	1.75
62	MP3A	Z	159.499	1.75
63	MP3A	Mx	.106	1.75
64	MP3A	X	0	5.75
65	MP3A	Z	159.499	5.75
66	MP3A	Mx	.106	5.75
67	MP3B	X	0	1.75
68	MP3B	Z	118.443	1.75
69	MP3B	Mx	-.116	1.75
70	MP3B	X	0	5.75
71	MP3B	Z	118.443	5.75
72	MP3B	Mx	-.116	5.75
73	MP3C	X	0	1.75
74	MP3C	Z	118.443	1.75
75	MP3C	Mx	.037	1.75
76	MP3C	X	0	5.75
77	MP3C	Z	118.443	5.75
78	MP3C	Mx	.037	5.75
79	MP3A	X	0	1.75
80	MP3A	Z	159.499	1.75
81	MP3A	Mx	-.106	1.75
82	MP3A	X	0	5.75
83	MP3A	Z	159.499	5.75
84	MP3A	Mx	-.106	5.75
85	MP3B	X	0	1.75
86	MP3B	Z	118.443	1.75
87	MP3B	Mx	-.037	1.75
88	MP3B	X	0	5.75
89	MP3B	Z	118.443	5.75
90	MP3B	Mx	-.037	5.75
91	MP3C	X	0	1.75
92	MP3C	Z	118.443	1.75
93	MP3C	Mx	.116	1.75
94	MP3C	X	0	5.75
95	MP3C	Z	118.443	5.75
96	MP3C	Mx	.116	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP1C	X	0	1.63
98	MP1C	Z	82.317	1.63
99	MP1C	Mx	.053	1.63
100	MP1C	X	0	5.88
101	MP1C	Z	82.317	5.88
102	MP1C	Mx	.053	5.88
103	MP5C	X	0	1.63
104	MP5C	Z	82.317	1.63
105	MP5C	Mx	.053	1.63
106	MP5C	X	0	5.88
107	MP5C	Z	82.317	5.88
108	MP5C	Mx	.053	5.88
109	MP1B	X	0	1.63
110	MP1B	Z	155.691	1.63
111	MP1B	Mx	-.101	1.63
112	MP1B	X	0	5.88
113	MP1B	Z	155.691	5.88
114	MP1B	Mx	-.101	5.88
115	MP5B	X	0	1.63
116	MP5B	Z	155.691	1.63
117	MP5B	Mx	-.101	1.63
118	MP5B	X	0	5.88
119	MP5B	Z	155.691	5.88
120	MP5B	Mx	-.101	5.88
121	M79B	X	0	7.75
122	M79B	Z	33.616	7.75
123	M79B	Mx	0	7.75
124	M78	X	0	7.75
125	M78	Z	16.051	7.75
126	M78	Mx	.002	7.75
127	M79B	X	0	7.75
128	M79B	Z	33.616	7.75
129	M79B	Mx	0	7.75
130	M78	X	0	7.75
131	M78	Z	16.051	7.75
132	M78	Mx	.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-28.692	2.75
2	MP2A	Z	49.695	2.75
3	MP2A	Mx	.022	2.75
4	MP2A	X	-28.692	4.75
5	MP2A	Z	49.695	4.75
6	MP2A	Mx	.022	4.75
7	MP2B	X	-11.818	2.75
8	MP2B	Z	20.469	2.75
9	MP2B	Mx	-.018	2.75
10	MP2B	X	-11.818	4.75
11	MP2B	Z	20.469	4.75
12	MP2B	Mx	-.018	4.75
13	MP2C	X	-28.692	2.75
14	MP2C	Z	49.695	2.75
15	MP2C	Mx	.022	2.75
16	MP2C	X	-28.692	4.75
17	MP2C	Z	49.695	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.022	4.75
19	MP3A	X	-5.979	3
20	MP3A	Z	10.356	3
21	MP3A	Mx	-.01	3
22	MP3B	X	-4.482	3
23	MP3B	Z	7.763	3
24	MP3B	Mx	.004	3
25	MP3C	X	-5.979	3
26	MP3C	Z	10.356	3
27	MP3C	Mx	.004	3
28	OVP	X	-58.444	1
29	OVP	Z	101.229	1
30	OVP	Mx	0	1
31	MP3A	X	-24.905	3
32	MP3A	Z	43.137	3
33	MP3A	Mx	-.012	3
34	MP3B	X	-18.209	3
35	MP3B	Z	31.538	3
36	MP3B	Mx	.018	3
37	MP3C	X	-24.905	3
38	MP3C	Z	43.137	3
39	MP3C	Mx	-.012	3
40	MP4A	X	-24.074	3.5
41	MP4A	Z	41.697	3.5
42	MP4A	Mx	-.012	3.5
43	MP4B	X	-14.882	3.5
44	MP4B	Z	25.776	3.5
45	MP4B	Mx	.015	3.5
46	MP4C	X	-24.074	3.5
47	MP4C	Z	41.697	3.5
48	MP4C	Mx	-.012	3.5
49	MP1A	X	-82.908	1.75
50	MP1A	Z	143.602	1.75
51	MP1A	Mx	.062	1.75
52	MP1A	X	-82.908	5.75
53	MP1A	Z	143.602	5.75
54	MP1A	Mx	.062	5.75
55	MP5A	X	-82.908	1.75
56	MP5A	Z	143.602	1.75
57	MP5A	Mx	.062	1.75
58	MP5A	X	-82.908	5.75
59	MP5A	Z	143.602	5.75
60	MP5A	Mx	.062	5.75
61	MP3A	X	-72.907	1.75
62	MP3A	Z	126.279	1.75
63	MP3A	Mx	.139	1.75
64	MP3A	X	-72.907	5.75
65	MP3A	Z	126.279	5.75
66	MP3A	Mx	.139	5.75
67	MP3B	X	-52.379	1.75
68	MP3B	Z	90.722	1.75
69	MP3B	Mx	-.079	1.75
70	MP3B	X	-52.379	5.75
71	MP3B	Z	90.722	5.75
72	MP3B	Mx	-.079	5.75
73	MP3C	X	-72.907	1.75
74	MP3C	Z	126.279	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	-.03	1.75
76	MP3C	X	-72.907	5.75
77	MP3C	Z	126.279	5.75
78	MP3C	Mx	-.03	5.75
79	MP3A	X	-72.907	1.75
80	MP3A	Z	126.279	1.75
81	MP3A	Mx	-.03	1.75
82	MP3A	X	-72.907	5.75
83	MP3A	Z	126.279	5.75
84	MP3A	Mx	-.03	5.75
85	MP3B	X	-52.379	1.75
86	MP3B	Z	90.722	1.75
87	MP3B	Mx	-.079	1.75
88	MP3B	X	-52.379	5.75
89	MP3B	Z	90.722	5.75
90	MP3B	Mx	-.079	5.75
91	MP3C	X	-72.907	1.75
92	MP3C	Z	126.279	1.75
93	MP3C	Mx	.139	1.75
94	MP3C	X	-72.907	5.75
95	MP3C	Z	126.279	5.75
96	MP3C	Mx	.139	5.75
97	MP1C	X	-28.952	1.63
98	MP1C	Z	50.146	1.63
99	MP1C	Mx	.022	1.63
100	MP1C	X	-28.952	5.88
101	MP1C	Z	50.146	5.88
102	MP1C	Mx	.022	5.88
103	MP5C	X	-28.952	1.63
104	MP5C	Z	50.146	1.63
105	MP5C	Mx	.022	1.63
106	MP5C	X	-28.952	5.88
107	MP5C	Z	50.146	5.88
108	MP5C	Mx	.022	5.88
109	MP1B	X	-75.314	1.63
110	MP1B	Z	130.448	1.63
111	MP1B	Mx	-.113	1.63
112	MP1B	X	-75.314	5.88
113	MP1B	Z	130.448	5.88
114	MP1B	Mx	-.113	5.88
115	MP5B	X	-75.314	1.63
116	MP5B	Z	130.448	1.63
117	MP5B	Mx	-.113	1.63
118	MP5B	X	-75.314	5.88
119	MP5B	Z	130.448	5.88
120	MP5B	Mx	-.113	5.88
121	M79B	X	-13.88	7.75
122	M79B	Z	24.041	7.75
123	M79B	Mx	-.002	7.75
124	M78	X	-5.098	7.75
125	M78	Z	8.83	7.75
126	M78	Mx	.002	7.75
127	M79B	X	-13.88	7.75
128	M79B	Z	24.041	7.75
129	M79B	Mx	-.002	7.75
130	M78	X	-5.098	7.75
131	M78	Z	8.83	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	M78	Mx	.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-30.211	2.75
2	MP2A	Z	17.443	2.75
3	MP2A	Mx	.023	2.75
4	MP2A	X	-30.211	4.75
5	MP2A	Z	17.443	4.75
6	MP2A	Mx	.023	4.75
7	MP2B	X	-30.211	2.75
8	MP2B	Z	17.443	2.75
9	MP2B	Mx	-.023	2.75
10	MP2B	X	-30.211	4.75
11	MP2B	Z	17.443	4.75
12	MP2B	Mx	-.023	4.75
13	MP2C	X	-59.437	2.75
14	MP2C	Z	34.316	2.75
15	MP2C	Mx	0	2.75
16	MP2C	X	-59.437	4.75
17	MP2C	Z	34.316	4.75
18	MP2C	Mx	0	4.75
19	MP3A	X	-8.627	3
20	MP3A	Z	4.981	3
21	MP3A	Mx	-.008	3
22	MP3B	X	-8.627	3
23	MP3B	Z	4.981	3
24	MP3B	Mx	.000993	3
25	MP3C	X	-11.22	3
26	MP3C	Z	6.478	3
27	MP3C	Mx	.009	3
28	OVP	X	-93.932	1
29	OVP	Z	54.232	1
30	OVP	Mx	0	1
31	MP3A	X	-35.404	3
32	MP3A	Z	20.441	3
33	MP3A	Mx	-.018	3
34	MP3B	X	-35.404	3
35	MP3B	Z	20.441	3
36	MP3B	Mx	.018	3
37	MP3C	X	-47.004	3
38	MP3C	Z	27.138	3
39	MP3C	Mx	0	3
40	MP4A	X	-31.083	3.5
41	MP4A	Z	17.946	3.5
42	MP4A	Mx	-.016	3.5
43	MP4B	X	-31.083	3.5
44	MP4B	Z	17.946	3.5
45	MP4B	Mx	.016	3.5
46	MP4C	X	-47.004	3.5
47	MP4C	Z	27.138	3.5
48	MP4C	Mx	0	3.5
49	MP1A	X	-134.833	1.75
50	MP1A	Z	77.846	1.75
51	MP1A	Mx	.101	1.75
52	MP1A	X	-134.833	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1A	Z	77.846	5.75
54	MP1A	Mx	.101	5.75
55	MP5A	X	-134.833	1.75
56	MP5A	Z	77.846	1.75
57	MP5A	Mx	.101	1.75
58	MP5A	X	-134.833	5.75
59	MP5A	Z	77.846	5.75
60	MP5A	Mx	.101	5.75
61	MP3A	X	-102.574	1.75
62	MP3A	Z	59.221	1.75
63	MP3A	Mx	.116	1.75
64	MP3A	X	-102.574	5.75
65	MP3A	Z	59.221	5.75
66	MP3A	Mx	.116	5.75
67	MP3B	X	-102.574	1.75
68	MP3B	Z	59.221	1.75
69	MP3B	Mx	-.037	1.75
70	MP3B	X	-102.574	5.75
71	MP3B	Z	59.221	5.75
72	MP3B	Mx	-.037	5.75
73	MP3C	X	-138.131	1.75
74	MP3C	Z	79.75	1.75
75	MP3C	Mx	-.106	1.75
76	MP3C	X	-138.131	5.75
77	MP3C	Z	79.75	5.75
78	MP3C	Mx	-.106	5.75
79	MP3A	X	-102.574	1.75
80	MP3A	Z	59.221	1.75
81	MP3A	Mx	.037	1.75
82	MP3A	X	-102.574	5.75
83	MP3A	Z	59.221	5.75
84	MP3A	Mx	.037	5.75
85	MP3B	X	-102.574	1.75
86	MP3B	Z	59.221	1.75
87	MP3B	Mx	-.116	1.75
88	MP3B	X	-102.574	5.75
89	MP3B	Z	59.221	5.75
90	MP3B	Mx	-.116	5.75
91	MP3C	X	-138.131	1.75
92	MP3C	Z	79.75	1.75
93	MP3C	Mx	.106	1.75
94	MP3C	X	-138.131	5.75
95	MP3C	Z	79.75	5.75
96	MP3C	Mx	.106	5.75
97	MP1C	X	-39.574	1.63
98	MP1C	Z	22.848	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	-39.574	5.88
101	MP1C	Z	22.848	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	-39.574	1.63
104	MP5C	Z	22.848	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	-39.574	5.88
107	MP5C	Z	22.848	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	-134.833	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP1B	Z	77.846	1.63
111	MP1B	Mx	-.101	1.63
112	MP1B	X	-134.833	5.88
113	MP1B	Z	77.846	5.88
114	MP1B	Mx	-.101	5.88
115	MP5B	X	-134.833	1.63
116	MP5B	Z	77.846	1.63
117	MP5B	Mx	-.101	1.63
118	MP5B	X	-134.833	5.88
119	MP5B	Z	77.846	5.88
120	MP5B	Mx	-.101	5.88
121	M79B	X	-13.9	7.75
122	M79B	Z	8.025	7.75
123	M79B	Mx	-.002	7.75
124	M78	X	-13.9	7.75
125	M78	Z	8.025	7.75
126	M78	Mx	.002	7.75
127	M79B	X	-13.9	7.75
128	M79B	Z	8.025	7.75
129	M79B	Mx	-.002	7.75
130	M78	X	-13.9	7.75
131	M78	Z	8.025	7.75
132	M78	Mx	.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-23.636	2.75
2	MP2A	Z	0	2.75
3	MP2A	Mx	.018	2.75
4	MP2A	X	-23.636	4.75
5	MP2A	Z	0	4.75
6	MP2A	Mx	.018	4.75
7	MP2B	X	-57.383	2.75
8	MP2B	Z	0	2.75
9	MP2B	Mx	-.022	2.75
10	MP2B	X	-57.383	4.75
11	MP2B	Z	0	4.75
12	MP2B	Mx	-.022	4.75
13	MP2C	X	-57.383	2.75
14	MP2C	Z	0	2.75
15	MP2C	Mx	-.022	2.75
16	MP2C	X	-57.383	4.75
17	MP2C	Z	0	4.75
18	MP2C	Mx	-.022	4.75
19	MP3A	X	-8.964	3
20	MP3A	Z	0	3
21	MP3A	Mx	-.004	3
22	MP3B	X	-11.958	3
23	MP3B	Z	0	3
24	MP3B	Mx	-.004	3
25	MP3C	X	-11.958	3
26	MP3C	Z	0	3
27	MP3C	Mx	.01	3
28	OVP	X	-116.889	1
29	OVP	Z	0	1
30	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	X	-36.417	3
32	MP3A	Z	0	3
33	MP3A	Mx	-.018	3
34	MP3B	X	-49.811	3
35	MP3B	Z	0	3
36	MP3B	Mx	.012	3
37	MP3C	X	-49.811	3
38	MP3C	Z	0	3
39	MP3C	Mx	.012	3
40	MP4A	X	-29.764	3.5
41	MP4A	Z	0	3.5
42	MP4A	Mx	-.015	3.5
43	MP4B	X	-48.147	3.5
44	MP4B	Z	0	3.5
45	MP4B	Mx	.012	3.5
46	MP4C	X	-48.147	3.5
47	MP4C	Z	0	3.5
48	MP4C	Mx	.012	3.5
49	MP1A	X	-150.628	1.75
50	MP1A	Z	0	1.75
51	MP1A	Mx	.113	1.75
52	MP1A	X	-150.628	5.75
53	MP1A	Z	0	5.75
54	MP1A	Mx	.113	5.75
55	MP5A	X	-150.628	1.75
56	MP5A	Z	0	1.75
57	MP5A	Mx	.113	1.75
58	MP5A	X	-150.628	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	.113	5.75
61	MP3A	X	-104.757	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	.079	1.75
64	MP3A	X	-104.757	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	.079	5.75
67	MP3B	X	-145.814	1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	.03	1.75
70	MP3B	X	-145.814	5.75
71	MP3B	Z	0	5.75
72	MP3B	Mx	.03	5.75
73	MP3C	X	-145.814	1.75
74	MP3C	Z	0	1.75
75	MP3C	Mx	-.139	1.75
76	MP3C	X	-145.814	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	-.139	5.75
79	MP3A	X	-104.757	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	.079	1.75
82	MP3A	X	-104.757	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	.079	5.75
85	MP3B	X	-145.814	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	-.139	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3B	X	-145.814	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	-.139	5.75
91	MP3C	X	-145.814	1.75
92	MP3C	Z	0	1.75
93	MP3C	Mx	.03	1.75
94	MP3C	X	-145.814	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	.03	5.75
97	MP1C	X	-57.903	1.63
98	MP1C	Z	0	1.63
99	MP1C	Mx	-.022	1.63
100	MP1C	X	-57.903	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	-.022	5.88
103	MP5C	X	-57.903	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	-.022	1.63
106	MP5C	X	-57.903	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	-.022	5.88
109	MP1B	X	-165.817	1.63
110	MP1B	Z	0	1.63
111	MP1B	Mx	-.062	1.63
112	MP1B	X	-165.817	5.88
113	MP1B	Z	0	5.88
114	MP1B	Mx	-.062	5.88
115	MP5B	X	-165.817	1.63
116	MP5B	Z	0	1.63
117	MP5B	Mx	-.062	1.63
118	MP5B	X	-165.817	5.88
119	MP5B	Z	0	5.88
120	MP5B	Mx	-.062	5.88
121	M79B	X	-10.196	7.75
122	M79B	Z	0	7.75
123	M79B	Mx	-.002	7.75
124	M78	X	-27.761	7.75
125	M78	Z	0	7.75
126	M78	Mx	.002	7.75
127	M79B	X	-10.196	7.75
128	M79B	Z	0	7.75
129	M79B	Mx	-.002	7.75
130	M78	X	-27.761	7.75
131	M78	Z	0	7.75
132	M78	Mx	.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-30.211	2.75
2	MP2A	Z	-17.443	2.75
3	MP2A	Mx	.023	2.75
4	MP2A	X	-30.211	4.75
5	MP2A	Z	-17.443	4.75
6	MP2A	Mx	.023	4.75
7	MP2B	X	-59.437	2.75
8	MP2B	Z	-34.316	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	0	2.75
10	MP2B	X	-59.437	4.75
11	MP2B	Z	-34.316	4.75
12	MP2B	Mx	0	4.75
13	MP2C	X	-30.211	2.75
14	MP2C	Z	-17.443	2.75
15	MP2C	Mx	-.023	2.75
16	MP2C	X	-30.211	4.75
17	MP2C	Z	-17.443	4.75
18	MP2C	Mx	-.023	4.75
19	MP3A	X	-8.627	3
20	MP3A	Z	-4.981	3
21	MP3A	Mx	-.000993	3
22	MP3B	X	-11.22	3
23	MP3B	Z	-6.478	3
24	MP3B	Mx	-.009	3
25	MP3C	X	-8.627	3
26	MP3C	Z	-4.981	3
27	MP3C	Mx	.008	3
28	OVP	X	-115.823	1
29	OVP	Z	-66.87	1
30	OVP	Mx	0	1
31	MP3A	X	-35.404	3
32	MP3A	Z	-20.441	3
33	MP3A	Mx	-.018	3
34	MP3B	X	-47.004	3
35	MP3B	Z	-27.138	3
36	MP3B	Mx	0	3
37	MP3C	X	-35.404	3
38	MP3C	Z	-20.441	3
39	MP3C	Mx	.018	3
40	MP4A	X	-31.083	3.5
41	MP4A	Z	-17.946	3.5
42	MP4A	Mx	-.016	3.5
43	MP4B	X	-47.004	3.5
44	MP4B	Z	-27.138	3.5
45	MP4B	Mx	0	3.5
46	MP4C	X	-31.083	3.5
47	MP4C	Z	-17.946	3.5
48	MP4C	Mx	.016	3.5
49	MP1A	X	-134.833	1.75
50	MP1A	Z	-77.846	1.75
51	MP1A	Mx	.101	1.75
52	MP1A	X	-134.833	5.75
53	MP1A	Z	-77.846	5.75
54	MP1A	Mx	.101	5.75
55	MP5A	X	-134.833	1.75
56	MP5A	Z	-77.846	1.75
57	MP5A	Mx	.101	1.75
58	MP5A	X	-134.833	5.75
59	MP5A	Z	-77.846	5.75
60	MP5A	Mx	.101	5.75
61	MP3A	X	-102.574	1.75
62	MP3A	Z	-59.221	1.75
63	MP3A	Mx	.037	1.75
64	MP3A	X	-102.574	5.75
65	MP3A	Z	-59.221	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	.037	5.75
67	MP3B	X	-138.131	1.75
68	MP3B	Z	-79.75	1.75
69	MP3B	Mx	.106	1.75
70	MP3B	X	-138.131	5.75
71	MP3B	Z	-79.75	5.75
72	MP3B	Mx	.106	5.75
73	MP3C	X	-102.574	1.75
74	MP3C	Z	-59.221	1.75
75	MP3C	Mx	-.116	1.75
76	MP3C	X	-102.574	5.75
77	MP3C	Z	-59.221	5.75
78	MP3C	Mx	-.116	5.75
79	MP3A	X	-102.574	1.75
80	MP3A	Z	-59.221	1.75
81	MP3A	Mx	.116	1.75
82	MP3A	X	-102.574	5.75
83	MP3A	Z	-59.221	5.75
84	MP3A	Mx	.116	5.75
85	MP3B	X	-138.131	1.75
86	MP3B	Z	-79.75	1.75
87	MP3B	Mx	-.106	1.75
88	MP3B	X	-138.131	5.75
89	MP3B	Z	-79.75	5.75
90	MP3B	Mx	-.106	5.75
91	MP3C	X	-102.574	1.75
92	MP3C	Z	-59.221	1.75
93	MP3C	Mx	-.037	1.75
94	MP3C	X	-102.574	5.75
95	MP3C	Z	-59.221	5.75
96	MP3C	Mx	-.037	5.75
97	MP1C	X	-71.289	1.63
98	MP1C	Z	-41.159	1.63
99	MP1C	Mx	-.053	1.63
100	MP1C	X	-71.289	5.88
101	MP1C	Z	-41.159	5.88
102	MP1C	Mx	-.053	5.88
103	MP5C	X	-71.289	1.63
104	MP5C	Z	-41.159	1.63
105	MP5C	Mx	-.053	1.63
106	MP5C	X	-71.289	5.88
107	MP5C	Z	-41.159	5.88
108	MP5C	Mx	-.053	5.88
109	MP1B	X	-147.986	1.63
110	MP1B	Z	-85.44	1.63
111	MP1B	Mx	0	1.63
112	MP1B	X	-147.986	5.88
113	MP1B	Z	-85.44	5.88
114	MP1B	Mx	0	5.88
115	MP5B	X	-147.986	1.63
116	MP5B	Z	-85.44	1.63
117	MP5B	Mx	0	1.63
118	MP5B	X	-147.986	5.88
119	MP5B	Z	-85.44	5.88
120	MP5B	Mx	0	5.88
121	M79B	X	-13.9	7.75
122	M79B	Z	-8.025	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	M79B	Mx	-.002	7.75
124	M78	X	-29.112	7.75
125	M78	Z	-16.808	7.75
126	M78	Mx	0	7.75
127	M79B	X	-13.9	7.75
128	M79B	Z	-8.025	7.75
129	M79B	Mx	-.002	7.75
130	M78	X	-29.112	7.75
131	M78	Z	-16.808	7.75
132	M78	Mx	0	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-28.692	2.75
2	MP2A	Z	-49.695	2.75
3	MP2A	Mx	.022	2.75
4	MP2A	X	-28.692	4.75
5	MP2A	Z	-49.695	4.75
6	MP2A	Mx	.022	4.75
7	MP2B	X	-28.692	2.75
8	MP2B	Z	-49.695	2.75
9	MP2B	Mx	.022	2.75
10	MP2B	X	-28.692	4.75
11	MP2B	Z	-49.695	4.75
12	MP2B	Mx	.022	4.75
13	MP2C	X	-11.818	2.75
14	MP2C	Z	-20.469	2.75
15	MP2C	Mx	-.018	2.75
16	MP2C	X	-11.818	4.75
17	MP2C	Z	-20.469	4.75
18	MP2C	Mx	-.018	4.75
19	MP3A	X	-5.979	3
20	MP3A	Z	-10.356	3
21	MP3A	Mx	.004	3
22	MP3B	X	-5.979	3
23	MP3B	Z	-10.356	3
24	MP3B	Mx	-.01	3
25	MP3C	X	-4.482	3
26	MP3C	Z	-7.763	3
27	MP3C	Mx	.004	3
28	OVP	X	-71.083	1
29	OVP	Z	-123.12	1
30	OVP	Mx	0	1
31	MP3A	X	-24.905	3
32	MP3A	Z	-43.137	3
33	MP3A	Mx	-.012	3
34	MP3B	X	-24.905	3
35	MP3B	Z	-43.137	3
36	MP3B	Mx	-.012	3
37	MP3C	X	-18.209	3
38	MP3C	Z	-31.538	3
39	MP3C	Mx	.018	3
40	MP4A	X	-24.074	3.5
41	MP4A	Z	-41.697	3.5
42	MP4A	Mx	-.012	3.5
43	MP4B	X	-24.074	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP4B	Z	-41.697	3.5
45	MP4B	Mx	-.012	3.5
46	MP4C	X	-14.882	3.5
47	MP4C	Z	-25.776	3.5
48	MP4C	Mx	.015	3.5
49	MP1A	X	-82.908	1.75
50	MP1A	Z	-143.602	1.75
51	MP1A	Mx	.062	1.75
52	MP1A	X	-82.908	5.75
53	MP1A	Z	-143.602	5.75
54	MP1A	Mx	.062	5.75
55	MP5A	X	-82.908	1.75
56	MP5A	Z	-143.602	1.75
57	MP5A	Mx	.062	1.75
58	MP5A	X	-82.908	5.75
59	MP5A	Z	-143.602	5.75
60	MP5A	Mx	.062	5.75
61	MP3A	X	-72.907	1.75
62	MP3A	Z	-126.279	1.75
63	MP3A	Mx	-.03	1.75
64	MP3A	X	-72.907	5.75
65	MP3A	Z	-126.279	5.75
66	MP3A	Mx	-.03	5.75
67	MP3B	X	-72.907	1.75
68	MP3B	Z	-126.279	1.75
69	MP3B	Mx	.139	1.75
70	MP3B	X	-72.907	5.75
71	MP3B	Z	-126.279	5.75
72	MP3B	Mx	.139	5.75
73	MP3C	X	-52.379	1.75
74	MP3C	Z	-90.722	1.75
75	MP3C	Mx	-.079	1.75
76	MP3C	X	-52.379	5.75
77	MP3C	Z	-90.722	5.75
78	MP3C	Mx	-.079	5.75
79	MP3A	X	-72.907	1.75
80	MP3A	Z	-126.279	1.75
81	MP3A	Mx	.139	1.75
82	MP3A	X	-72.907	5.75
83	MP3A	Z	-126.279	5.75
84	MP3A	Mx	.139	5.75
85	MP3B	X	-72.907	1.75
86	MP3B	Z	-126.279	1.75
87	MP3B	Mx	-.03	1.75
88	MP3B	X	-72.907	5.75
89	MP3B	Z	-126.279	5.75
90	MP3B	Mx	-.03	5.75
91	MP3C	X	-52.379	1.75
92	MP3C	Z	-90.722	1.75
93	MP3C	Mx	-.079	1.75
94	MP3C	X	-52.379	5.75
95	MP3C	Z	-90.722	5.75
96	MP3C	Mx	-.079	5.75
97	MP1C	X	-47.262	1.63
98	MP1C	Z	-81.86	1.63
99	MP1C	Mx	-.071	1.63
100	MP1C	X	-47.262	5.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP1C	Z	-81.86	5.88
102	MP1C	Mx	-.071	5.88
103	MP5C	X	-47.262	1.63
104	MP5C	Z	-81.86	1.63
105	MP5C	Mx	-.071	1.63
106	MP5C	X	-47.262	5.88
107	MP5C	Z	-81.86	5.88
108	MP5C	Mx	-.071	5.88
109	MP1B	X	-82.908	1.63
110	MP1B	Z	-143.602	1.63
111	MP1B	Mx	.062	1.63
112	MP1B	X	-82.908	5.88
113	MP1B	Z	-143.602	5.88
114	MP1B	Mx	.062	5.88
115	MP5B	X	-82.908	1.63
116	MP5B	Z	-143.602	1.63
117	MP5B	Mx	.062	1.63
118	MP5B	X	-82.908	5.88
119	MP5B	Z	-143.602	5.88
120	MP5B	Mx	.062	5.88
121	M79B	X	-13.88	7.75
122	M79B	Z	-24.041	7.75
123	M79B	Mx	-.002	7.75
124	M78	X	-13.88	7.75
125	M78	Z	-24.041	7.75
126	M78	Mx	-.002	7.75
127	M79B	X	-13.88	7.75
128	M79B	Z	-24.041	7.75
129	M79B	Mx	-.002	7.75
130	M78	X	-13.88	7.75
131	M78	Z	-24.041	7.75
132	M78	Mx	-.002	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.75
2	MP2A	Z	-16.166	2.75
3	MP2A	Mx	0	2.75
4	MP2A	X	0	4.75
5	MP2A	Z	-16.166	4.75
6	MP2A	Mx	0	4.75
7	MP2B	X	0	2.75
8	MP2B	Z	-9.213	2.75
9	MP2B	Mx	.006	2.75
10	MP2B	X	0	4.75
11	MP2B	Z	-9.213	4.75
12	MP2B	Mx	.006	4.75
13	MP2C	X	0	2.75
14	MP2C	Z	-9.213	2.75
15	MP2C	Mx	-.006	2.75
16	MP2C	X	0	4.75
17	MP2C	Z	-9.213	4.75
18	MP2C	Mx	-.006	4.75
19	MP3A	X	0	3
20	MP3A	Z	-3.319	3
21	MP3A	Mx	.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3B	X	0	3
23	MP3B	Z	-2.7	3
24	MP3B	Mx	-.002	3
25	MP3C	X	0	3
26	MP3C	Z	-2.7	3
27	MP3C	Mx	.000269	3
28	OVP	X	0	1
29	OVP	Z	-26.479	1
30	OVP	Mx	0	1
31	MP3A	X	0	3
32	MP3A	Z	-13.636	3
33	MP3A	Mx	0	3
34	MP3B	X	0	3
35	MP3B	Z	-10.527	3
36	MP3B	Mx	-.005	3
37	MP3C	X	0	3
38	MP3C	Z	-10.527	3
39	MP3C	Mx	.005	3
40	MP4A	X	0	3.5
41	MP4A	Z	-13.636	3.5
42	MP4A	Mx	0	3.5
43	MP4B	X	0	3.5
44	MP4B	Z	-9.346	3.5
45	MP4B	Mx	-.004	3.5
46	MP4C	X	0	3.5
47	MP4C	Z	-9.346	3.5
48	MP4C	Mx	.004	3.5
49	MP1A	X	0	1.75
50	MP1A	Z	-32.315	1.75
51	MP1A	Mx	0	1.75
52	MP1A	X	0	5.75
53	MP1A	Z	-32.315	5.75
54	MP1A	Mx	0	5.75
55	MP5A	X	0	1.75
56	MP5A	Z	-32.315	1.75
57	MP5A	Mx	0	1.75
58	MP5A	X	0	5.75
59	MP5A	Z	-32.315	5.75
60	MP5A	Mx	0	5.75
61	MP3A	X	0	1.75
62	MP3A	Z	-30.384	1.75
63	MP3A	Mx	-.02	1.75
64	MP3A	X	0	5.75
65	MP3A	Z	-30.384	5.75
66	MP3A	Mx	-.02	5.75
67	MP3B	X	0	1.75
68	MP3B	Z	-23.149	1.75
69	MP3B	Mx	.023	1.75
70	MP3B	X	0	5.75
71	MP3B	Z	-23.149	5.75
72	MP3B	Mx	.023	5.75
73	MP3C	X	0	1.75
74	MP3C	Z	-23.149	1.75
75	MP3C	Mx	-.007	1.75
76	MP3C	X	0	5.75
77	MP3C	Z	-23.149	5.75
78	MP3C	Mx	-.007	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3A	X	0	1.75
80	MP3A	Z	-30.384	1.75
81	MP3A	Mx	.02	1.75
82	MP3A	X	0	5.75
83	MP3A	Z	-30.384	5.75
84	MP3A	Mx	.02	5.75
85	MP3B	X	0	1.75
86	MP3B	Z	-23.149	1.75
87	MP3B	Mx	.007	1.75
88	MP3B	X	0	5.75
89	MP3B	Z	-23.149	5.75
90	MP3B	Mx	.007	5.75
91	MP3C	X	0	1.75
92	MP3C	Z	-23.149	1.75
93	MP3C	Mx	-.023	1.75
94	MP3C	X	0	5.75
95	MP3C	Z	-23.149	5.75
96	MP3C	Mx	-.023	5.75
97	MP1C	X	0	1.63
98	MP1C	Z	-16.211	1.63
99	MP1C	Mx	-.011	1.63
100	MP1C	X	0	5.88
101	MP1C	Z	-16.211	5.88
102	MP1C	Mx	-.011	5.88
103	MP5C	X	0	1.63
104	MP5C	Z	-16.211	1.63
105	MP5C	Mx	-.011	1.63
106	MP5C	X	0	5.88
107	MP5C	Z	-16.211	5.88
108	MP5C	Mx	-.011	5.88
109	MP1B	X	0	1.63
110	MP1B	Z	-29.658	1.63
111	MP1B	Mx	.019	1.63
112	MP1B	X	0	5.88
113	MP1B	Z	-29.658	5.88
114	MP1B	Mx	.019	5.88
115	MP5B	X	0	1.63
116	MP5B	Z	-29.658	1.63
117	MP5B	Mx	.019	1.63
118	MP5B	X	0	5.88
119	MP5B	Z	-29.658	5.88
120	MP5B	Mx	.019	5.88
121	M79B	X	0	7.75
122	M79B	Z	-7.503	7.75
123	M79B	Mx	0	7.75
124	M78	X	0	7.75
125	M78	Z	-4.002	7.75
126	M78	Mx	-.000578	7.75
127	M79B	X	0	7.75
128	M79B	Z	-7.503	7.75
129	M79B	Mx	0	7.75
130	M78	X	0	7.75
131	M78	Z	-4.002	7.75
132	M78	Mx	-.000578	7.75

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.924	2.75
2	MP2A	Z	-11.993	2.75
3	MP2A	Mx	-.005	2.75
4	MP2A	X	6.924	4.75
5	MP2A	Z	-11.993	4.75
6	MP2A	Mx	-.005	4.75
7	MP2B	X	3.447	2.75
8	MP2B	Z	-5.971	2.75
9	MP2B	Mx	.005	2.75
10	MP2B	X	3.447	4.75
11	MP2B	Z	-5.971	4.75
12	MP2B	Mx	.005	4.75
13	MP2C	X	6.924	2.75
14	MP2C	Z	-11.993	2.75
15	MP2C	Mx	-.005	2.75
16	MP2C	X	6.924	4.75
17	MP2C	Z	-11.993	4.75
18	MP2C	Mx	-.005	4.75
19	MP3A	X	1.556	3
20	MP3A	Z	-2.696	3
21	MP3A	Mx	.003	3
22	MP3B	X	1.247	3
23	MP3B	Z	-2.159	3
24	MP3B	Mx	-.001	3
25	MP3C	X	1.556	3
26	MP3C	Z	-2.696	3
27	MP3C	Mx	-.001	3
28	OVP	X	11.715	1
29	OVP	Z	-20.291	1
30	OVP	Mx	0	1
31	MP3A	X	6.3	3
32	MP3A	Z	-10.912	3
33	MP3A	Mx	.003	3
34	MP3B	X	4.745	3
35	MP3B	Z	-8.219	3
36	MP3B	Mx	-.005	3
37	MP3C	X	6.3	3
38	MP3C	Z	-10.912	3
39	MP3C	Mx	.003	3
40	MP4A	X	6.103	3.5
41	MP4A	Z	-10.571	3.5
42	MP4A	Mx	.003	3.5
43	MP4B	X	3.958	3.5
44	MP4B	Z	-6.855	3.5
45	MP4B	Mx	-.004	3.5
46	MP4C	X	6.103	3.5
47	MP4C	Z	-10.571	3.5
48	MP4C	Mx	.003	3.5
49	MP1A	X	15.715	1.75
50	MP1A	Z	-27.219	1.75
51	MP1A	Mx	-.012	1.75
52	MP1A	X	15.715	5.75
53	MP1A	Z	-27.219	5.75
54	MP1A	Mx	-.012	5.75
55	MP5A	X	15.715	1.75
56	MP5A	Z	-27.219	1.75
57	MP5A	Mx	-.012	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5A	X	15.715	5.75
59	MP5A	Z	-27.219	5.75
60	MP5A	Mx	-.012	5.75
61	MP3A	X	13.986	1.75
62	MP3A	Z	-24.224	1.75
63	MP3A	Mx	-.027	1.75
64	MP3A	X	13.986	5.75
65	MP3A	Z	-24.224	5.75
66	MP3A	Mx	-.027	5.75
67	MP3B	X	10.369	1.75
68	MP3B	Z	-17.959	1.75
69	MP3B	Mx	.016	1.75
70	MP3B	X	10.369	5.75
71	MP3B	Z	-17.959	5.75
72	MP3B	Mx	.016	5.75
73	MP3C	X	13.986	1.75
74	MP3C	Z	-24.224	1.75
75	MP3C	Mx	.006	1.75
76	MP3C	X	13.986	5.75
77	MP3C	Z	-24.224	5.75
78	MP3C	Mx	.006	5.75
79	MP3A	X	13.986	1.75
80	MP3A	Z	-24.224	1.75
81	MP3A	Mx	.006	1.75
82	MP3A	X	13.986	5.75
83	MP3A	Z	-24.224	5.75
84	MP3A	Mx	.006	5.75
85	MP3B	X	10.369	1.75
86	MP3B	Z	-17.959	1.75
87	MP3B	Mx	.016	1.75
88	MP3B	X	10.369	5.75
89	MP3B	Z	-17.959	5.75
90	MP3B	Mx	.016	5.75
91	MP3C	X	13.986	1.75
92	MP3C	Z	-24.224	1.75
93	MP3C	Mx	-.027	1.75
94	MP3C	X	13.986	5.75
95	MP3C	Z	-24.224	5.75
96	MP3C	Mx	-.027	5.75
97	MP1C	X	5.915	1.63
98	MP1C	Z	-10.246	1.63
99	MP1C	Mx	-.004	1.63
100	MP1C	X	5.915	5.88
101	MP1C	Z	-10.246	5.88
102	MP1C	Mx	-.004	5.88
103	MP5C	X	5.915	1.63
104	MP5C	Z	-10.246	1.63
105	MP5C	Mx	-.004	1.63
106	MP5C	X	5.915	5.88
107	MP5C	Z	-10.246	5.88
108	MP5C	Mx	-.004	5.88
109	MP1B	X	14.386	1.63
110	MP1B	Z	-24.918	1.63
111	MP1B	Mx	.022	1.63
112	MP1B	X	14.386	5.88
113	MP1B	Z	-24.918	5.88
114	MP1B	Mx	.022	5.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP5B	X	14.386	1.63
116	MP5B	Z	-24.918	1.63
117	MP5B	Mx	.022	1.63
118	MP5B	X	14.386	5.88
119	MP5B	Z	-24.918	5.88
120	MP5B	Mx	.022	5.88
121	M79B	X	3.168	7.75
122	M79B	Z	-5.487	7.75
123	M79B	Mx	.000528	7.75
124	M78	X	1.418	7.75
125	M78	Z	-2.455	7.75
126	M78	Mx	-.000473	7.75
127	M79B	X	3.168	7.75
128	M79B	Z	-5.487	7.75
129	M79B	Mx	.000528	7.75
130	M78	X	1.418	7.75
131	M78	Z	-2.455	7.75
132	M78	Mx	-.000473	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.978	2.75
2	MP2A	Z	-4.606	2.75
3	MP2A	Mx	-.006	2.75
4	MP2A	X	7.978	4.75
5	MP2A	Z	-4.606	4.75
6	MP2A	Mx	-.006	4.75
7	MP2B	X	7.978	2.75
8	MP2B	Z	-4.606	2.75
9	MP2B	Mx	.006	2.75
10	MP2B	X	7.978	4.75
11	MP2B	Z	-4.606	4.75
12	MP2B	Mx	.006	4.75
13	MP2C	X	14.001	2.75
14	MP2C	Z	-8.083	2.75
15	MP2C	Mx	0	2.75
16	MP2C	X	14.001	4.75
17	MP2C	Z	-8.083	4.75
18	MP2C	Mx	0	4.75
19	MP3A	X	2.338	3
20	MP3A	Z	-1.35	3
21	MP3A	Mx	.002	3
22	MP3B	X	2.338	3
23	MP3B	Z	-1.35	3
24	MP3B	Mx	-.000269	3
25	MP3C	X	2.875	3
26	MP3C	Z	-1.66	3
27	MP3C	Mx	-.002	3
28	OVP	X	18.97	1
29	OVP	Z	-10.953	1
30	OVP	Mx	0	1
31	MP3A	X	9.117	3
32	MP3A	Z	-5.263	3
33	MP3A	Mx	.005	3
34	MP3B	X	9.117	3
35	MP3B	Z	-5.263	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3B	Mx	-.005	3
37	MP3C	X	11.809	3
38	MP3C	Z	-6.818	3
39	MP3C	Mx	0	3
40	MP4A	X	8.093	3.5
41	MP4A	Z	-4.673	3.5
42	MP4A	Mx	.004	3.5
43	MP4B	X	8.093	3.5
44	MP4B	Z	-4.673	3.5
45	MP4B	Mx	-.004	3.5
46	MP4C	X	11.809	3.5
47	MP4C	Z	-6.818	3.5
48	MP4C	Mx	0	3.5
49	MP1A	X	25.685	1.75
50	MP1A	Z	-14.829	1.75
51	MP1A	Mx	-.019	1.75
52	MP1A	X	25.685	5.75
53	MP1A	Z	-14.829	5.75
54	MP1A	Mx	-.019	5.75
55	MP5A	X	25.685	1.75
56	MP5A	Z	-14.829	1.75
57	MP5A	Mx	-.019	1.75
58	MP5A	X	25.685	5.75
59	MP5A	Z	-14.829	5.75
60	MP5A	Mx	-.019	5.75
61	MP3A	X	20.047	1.75
62	MP3A	Z	-11.574	1.75
63	MP3A	Mx	-.023	1.75
64	MP3A	X	20.047	5.75
65	MP3A	Z	-11.574	5.75
66	MP3A	Mx	-.023	5.75
67	MP3B	X	20.047	1.75
68	MP3B	Z	-11.574	1.75
69	MP3B	Mx	.007	1.75
70	MP3B	X	20.047	5.75
71	MP3B	Z	-11.574	5.75
72	MP3B	Mx	.007	5.75
73	MP3C	X	26.313	1.75
74	MP3C	Z	-15.192	1.75
75	MP3C	Mx	.02	1.75
76	MP3C	X	26.313	5.75
77	MP3C	Z	-15.192	5.75
78	MP3C	Mx	.02	5.75
79	MP3A	X	20.047	1.75
80	MP3A	Z	-11.574	1.75
81	MP3A	Mx	-.007	1.75
82	MP3A	X	20.047	5.75
83	MP3A	Z	-11.574	5.75
84	MP3A	Mx	-.007	5.75
85	MP3B	X	20.047	1.75
86	MP3B	Z	-11.574	1.75
87	MP3B	Mx	.023	1.75
88	MP3B	X	20.047	5.75
89	MP3B	Z	-11.574	5.75
90	MP3B	Mx	.023	5.75
91	MP3C	X	26.313	1.75
92	MP3C	Z	-15.192	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3C	Mx	-.02	1.75
94	MP3C	X	26.313	5.75
95	MP3C	Z	-15.192	5.75
96	MP3C	Mx	-.02	5.75
97	MP1C	X	8.349	1.63
98	MP1C	Z	-4.82	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	8.349	5.88
101	MP1C	Z	-4.82	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	8.349	1.63
104	MP5C	Z	-4.82	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	8.349	5.88
107	MP5C	Z	-4.82	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	25.685	1.63
110	MP1B	Z	-14.829	1.63
111	MP1B	Mx	.019	1.63
112	MP1B	X	25.685	5.88
113	MP1B	Z	-14.829	5.88
114	MP1B	Mx	.019	5.88
115	MP5B	X	25.685	1.63
116	MP5B	Z	-14.829	1.63
117	MP5B	Mx	.019	1.63
118	MP5B	X	25.685	5.88
119	MP5B	Z	-14.829	5.88
120	MP5B	Mx	.019	5.88
121	M79B	X	3.466	7.75
122	M79B	Z	-2.001	7.75
123	M79B	Mx	.000578	7.75
124	M78	X	3.466	7.75
125	M78	Z	-2.001	7.75
126	M78	Mx	-.000578	7.75
127	M79B	X	3.466	7.75
128	M79B	Z	-2.001	7.75
129	M79B	Mx	.000578	7.75
130	M78	X	3.466	7.75
131	M78	Z	-2.001	7.75
132	M78	Mx	-.000578	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.895	2.75
2	MP2A	Z	0	2.75
3	MP2A	Mx	-.005	2.75
4	MP2A	X	6.895	4.75
5	MP2A	Z	0	4.75
6	MP2A	Mx	-.005	4.75
7	MP2B	X	13.848	2.75
8	MP2B	Z	0	2.75
9	MP2B	Mx	.005	2.75
10	MP2B	X	13.848	4.75
11	MP2B	Z	0	4.75
12	MP2B	Mx	.005	4.75
13	MP2C	X	13.848	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	0	2.75
15	MP2C	Mx	.005	2.75
16	MP2C	X	13.848	4.75
17	MP2C	Z	0	4.75
18	MP2C	Mx	.005	4.75
19	MP3A	X	2.493	3
20	MP3A	Z	0	3
21	MP3A	Mx	.001	3
22	MP3B	X	3.113	3
23	MP3B	Z	0	3
24	MP3B	Mx	.001	3
25	MP3C	X	3.113	3
26	MP3C	Z	0	3
27	MP3C	Mx	-.003	3
28	OVP	X	23.43	1
29	OVP	Z	0	1
30	OVP	Mx	0	1
31	MP3A	X	9.491	3
32	MP3A	Z	0	3
33	MP3A	Mx	.005	3
34	MP3B	X	12.6	3
35	MP3B	Z	0	3
36	MP3B	Mx	-.003	3
37	MP3C	X	12.6	3
38	MP3C	Z	0	3
39	MP3C	Mx	-.003	3
40	MP4A	X	7.915	3.5
41	MP4A	Z	0	3.5
42	MP4A	Mx	.004	3.5
43	MP4B	X	12.206	3.5
44	MP4B	Z	0	3.5
45	MP4B	Mx	-.003	3.5
46	MP4C	X	12.206	3.5
47	MP4C	Z	0	3.5
48	MP4C	Mx	-.003	3.5
49	MP1A	X	28.772	1.75
50	MP1A	Z	0	1.75
51	MP1A	Mx	-.022	1.75
52	MP1A	X	28.772	5.75
53	MP1A	Z	0	5.75
54	MP1A	Mx	-.022	5.75
55	MP5A	X	28.772	1.75
56	MP5A	Z	0	1.75
57	MP5A	Mx	-.022	1.75
58	MP5A	X	28.772	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	-.022	5.75
61	MP3A	X	20.737	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	-.016	1.75
64	MP3A	X	20.737	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	-.016	5.75
67	MP3B	X	27.972	1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	-.006	1.75
70	MP3B	X	27.972	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3B	Z	0	5.75
72	MP3B	Mx	-.006	5.75
73	MP3C	X	27.972	1.75
74	MP3C	Z	0	1.75
75	MP3C	Mx	.027	1.75
76	MP3C	X	27.972	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	.027	5.75
79	MP3A	X	20.737	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	-.016	1.75
82	MP3A	X	20.737	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	-.016	5.75
85	MP3B	X	27.972	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	.027	1.75
88	MP3B	X	27.972	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	.027	5.75
91	MP3C	X	27.972	1.75
92	MP3C	Z	0	1.75
93	MP3C	Mx	-.006	1.75
94	MP3C	X	27.972	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	-.006	5.75
97	MP1C	X	11.831	1.63
98	MP1C	Z	0	1.63
99	MP1C	Mx	.004	1.63
100	MP1C	X	11.831	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	.004	5.88
103	MP5C	X	11.831	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	.004	1.63
106	MP5C	X	11.831	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	.004	5.88
109	MP1B	X	31.43	1.63
110	MP1B	Z	0	1.63
111	MP1B	Mx	.012	1.63
112	MP1B	X	31.43	5.88
113	MP1B	Z	0	5.88
114	MP1B	Mx	.012	5.88
115	MP5B	X	31.43	1.63
116	MP5B	Z	0	1.63
117	MP5B	Mx	.012	1.63
118	MP5B	X	31.43	5.88
119	MP5B	Z	0	5.88
120	MP5B	Mx	.012	5.88
121	M79B	X	2.835	7.75
122	M79B	Z	0	7.75
123	M79B	Mx	.000472	7.75
124	M78	X	6.336	7.75
125	M78	Z	0	7.75
126	M78	Mx	-.000528	7.75
127	M79B	X	2.835	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
128	M79B	Z	0	7.75
129	M79B	Mx	.000472	7.75
130	M78	X	6.336	7.75
131	M78	Z	0	7.75
132	M78	Mx	-.000528	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.978	2.75
2	MP2A	Z	4.606	2.75
3	MP2A	Mx	-.006	2.75
4	MP2A	X	7.978	4.75
5	MP2A	Z	4.606	4.75
6	MP2A	Mx	-.006	4.75
7	MP2B	X	14.001	2.75
8	MP2B	Z	8.083	2.75
9	MP2B	Mx	0	2.75
10	MP2B	X	14.001	4.75
11	MP2B	Z	8.083	4.75
12	MP2B	Mx	0	4.75
13	MP2C	X	7.978	2.75
14	MP2C	Z	4.606	2.75
15	MP2C	Mx	.006	2.75
16	MP2C	X	7.978	4.75
17	MP2C	Z	4.606	4.75
18	MP2C	Mx	.006	4.75
19	MP3A	X	2.338	3
20	MP3A	Z	1.35	3
21	MP3A	Mx	.000269	3
22	MP3B	X	2.875	3
23	MP3B	Z	1.66	3
24	MP3B	Mx	.002	3
25	MP3C	X	2.338	3
26	MP3C	Z	1.35	3
27	MP3C	Mx	-.002	3
28	OVP	X	22.931	1
29	OVP	Z	13.239	1
30	OVP	Mx	0	1
31	MP3A	X	9.117	3
32	MP3A	Z	5.263	3
33	MP3A	Mx	.005	3
34	MP3B	X	11.809	3
35	MP3B	Z	6.818	3
36	MP3B	Mx	0	3
37	MP3C	X	9.117	3
38	MP3C	Z	5.263	3
39	MP3C	Mx	-.005	3
40	MP4A	X	8.093	3.5
41	MP4A	Z	4.673	3.5
42	MP4A	Mx	.004	3.5
43	MP4B	X	11.809	3.5
44	MP4B	Z	6.818	3.5
45	MP4B	Mx	0	3.5
46	MP4C	X	8.093	3.5
47	MP4C	Z	4.673	3.5
48	MP4C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1A	X	25.685	1.75
50	MP1A	Z	14.829	1.75
51	MP1A	Mx	-.019	1.75
52	MP1A	X	25.685	5.75
53	MP1A	Z	14.829	5.75
54	MP1A	Mx	-.019	5.75
55	MP5A	X	25.685	1.75
56	MP5A	Z	14.829	1.75
57	MP5A	Mx	-.019	1.75
58	MP5A	X	25.685	5.75
59	MP5A	Z	14.829	5.75
60	MP5A	Mx	-.019	5.75
61	MP3A	X	20.047	1.75
62	MP3A	Z	11.574	1.75
63	MP3A	Mx	-.007	1.75
64	MP3A	X	20.047	5.75
65	MP3A	Z	11.574	5.75
66	MP3A	Mx	-.007	5.75
67	MP3B	X	26.313	1.75
68	MP3B	Z	15.192	1.75
69	MP3B	Mx	-.02	1.75
70	MP3B	X	26.313	5.75
71	MP3B	Z	15.192	5.75
72	MP3B	Mx	-.02	5.75
73	MP3C	X	20.047	1.75
74	MP3C	Z	11.574	1.75
75	MP3C	Mx	.023	1.75
76	MP3C	X	20.047	5.75
77	MP3C	Z	11.574	5.75
78	MP3C	Mx	.023	5.75
79	MP3A	X	20.047	1.75
80	MP3A	Z	11.574	1.75
81	MP3A	Mx	-.023	1.75
82	MP3A	X	20.047	5.75
83	MP3A	Z	11.574	5.75
84	MP3A	Mx	-.023	5.75
85	MP3B	X	26.313	1.75
86	MP3B	Z	15.192	1.75
87	MP3B	Mx	.02	1.75
88	MP3B	X	26.313	5.75
89	MP3B	Z	15.192	5.75
90	MP3B	Mx	.02	5.75
91	MP3C	X	20.047	1.75
92	MP3C	Z	11.574	1.75
93	MP3C	Mx	.007	1.75
94	MP3C	X	20.047	5.75
95	MP3C	Z	11.574	5.75
96	MP3C	Mx	.007	5.75
97	MP1C	X	14.039	1.63
98	MP1C	Z	8.106	1.63
99	MP1C	Mx	.011	1.63
100	MP1C	X	14.039	5.88
101	MP1C	Z	8.106	5.88
102	MP1C	Mx	.011	5.88
103	MP5C	X	14.039	1.63
104	MP5C	Z	8.106	1.63
105	MP5C	Mx	.011	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP5C	X	14.039	5.88
107	MP5C	Z	8.106	5.88
108	MP5C	Mx	.011	5.88
109	MP1B	X	27.986	1.63
110	MP1B	Z	16.158	1.63
111	MP1B	Mx	0	1.63
112	MP1B	X	27.986	5.88
113	MP1B	Z	16.158	5.88
114	MP1B	Mx	0	5.88
115	MP5B	X	27.986	1.63
116	MP5B	Z	16.158	1.63
117	MP5B	Mx	0	1.63
118	MP5B	X	27.986	5.88
119	MP5B	Z	16.158	5.88
120	MP5B	Mx	0	5.88
121	M79B	X	3.466	7.75
122	M79B	Z	2.001	7.75
123	M79B	Mx	.000578	7.75
124	M78	X	6.498	7.75
125	M78	Z	3.751	7.75
126	M78	Mx	0	7.75
127	M79B	X	3.466	7.75
128	M79B	Z	2.001	7.75
129	M79B	Mx	.000578	7.75
130	M78	X	6.498	7.75
131	M78	Z	3.751	7.75
132	M78	Mx	0	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.924	2.75
2	MP2A	Z	11.993	2.75
3	MP2A	Mx	-.005	2.75
4	MP2A	X	6.924	4.75
5	MP2A	Z	11.993	4.75
6	MP2A	Mx	-.005	4.75
7	MP2B	X	6.924	2.75
8	MP2B	Z	11.993	2.75
9	MP2B	Mx	-.005	2.75
10	MP2B	X	6.924	4.75
11	MP2B	Z	11.993	4.75
12	MP2B	Mx	-.005	4.75
13	MP2C	X	3.447	2.75
14	MP2C	Z	5.971	2.75
15	MP2C	Mx	.005	2.75
16	MP2C	X	3.447	4.75
17	MP2C	Z	5.971	4.75
18	MP2C	Mx	.005	4.75
19	MP3A	X	1.556	3
20	MP3A	Z	2.696	3
21	MP3A	Mx	-.001	3
22	MP3B	X	1.556	3
23	MP3B	Z	2.696	3
24	MP3B	Mx	.003	3
25	MP3C	X	1.247	3
26	MP3C	Z	2.159	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3C	Mx	-.001	3
28	OVP	X	14.002	1
29	OVP	Z	24.252	1
30	OVP	Mx	0	1
31	MP3A	X	6.3	3
32	MP3A	Z	10.912	3
33	MP3A	Mx	.003	3
34	MP3B	X	6.3	3
35	MP3B	Z	10.912	3
36	MP3B	Mx	.003	3
37	MP3C	X	4.745	3
38	MP3C	Z	8.219	3
39	MP3C	Mx	-.005	3
40	MP4A	X	6.103	3.5
41	MP4A	Z	10.571	3.5
42	MP4A	Mx	.003	3.5
43	MP4B	X	6.103	3.5
44	MP4B	Z	10.571	3.5
45	MP4B	Mx	.003	3.5
46	MP4C	X	3.958	3.5
47	MP4C	Z	6.855	3.5
48	MP4C	Mx	-.004	3.5
49	MP1A	X	15.715	1.75
50	MP1A	Z	27.219	1.75
51	MP1A	Mx	-.012	1.75
52	MP1A	X	15.715	5.75
53	MP1A	Z	27.219	5.75
54	MP1A	Mx	-.012	5.75
55	MP5A	X	15.715	1.75
56	MP5A	Z	27.219	1.75
57	MP5A	Mx	-.012	1.75
58	MP5A	X	15.715	5.75
59	MP5A	Z	27.219	5.75
60	MP5A	Mx	-.012	5.75
61	MP3A	X	13.986	1.75
62	MP3A	Z	24.224	1.75
63	MP3A	Mx	.006	1.75
64	MP3A	X	13.986	5.75
65	MP3A	Z	24.224	5.75
66	MP3A	Mx	.006	5.75
67	MP3B	X	13.986	1.75
68	MP3B	Z	24.224	1.75
69	MP3B	Mx	-.027	1.75
70	MP3B	X	13.986	5.75
71	MP3B	Z	24.224	5.75
72	MP3B	Mx	-.027	5.75
73	MP3C	X	10.369	1.75
74	MP3C	Z	17.959	1.75
75	MP3C	Mx	.016	1.75
76	MP3C	X	10.369	5.75
77	MP3C	Z	17.959	5.75
78	MP3C	Mx	.016	5.75
79	MP3A	X	13.986	1.75
80	MP3A	Z	24.224	1.75
81	MP3A	Mx	-.027	1.75
82	MP3A	X	13.986	5.75
83	MP3A	Z	24.224	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3A	Mx	-.027	5.75
85	MP3B	X	13.986	1.75
86	MP3B	Z	24.224	1.75
87	MP3B	Mx	.006	1.75
88	MP3B	X	13.986	5.75
89	MP3B	Z	24.224	5.75
90	MP3B	Mx	.006	5.75
91	MP3C	X	10.369	1.75
92	MP3C	Z	17.959	1.75
93	MP3C	Mx	.016	1.75
94	MP3C	X	10.369	5.75
95	MP3C	Z	17.959	5.75
96	MP3C	Mx	.016	5.75
97	MP1C	X	9.201	1.63
98	MP1C	Z	15.936	1.63
99	MP1C	Mx	.014	1.63
100	MP1C	X	9.201	5.88
101	MP1C	Z	15.936	5.88
102	MP1C	Mx	.014	5.88
103	MP5C	X	9.201	1.63
104	MP5C	Z	15.936	1.63
105	MP5C	Mx	.014	1.63
106	MP5C	X	9.201	5.88
107	MP5C	Z	15.936	5.88
108	MP5C	Mx	.014	5.88
109	MP1B	X	15.715	1.63
110	MP1B	Z	27.219	1.63
111	MP1B	Mx	-.012	1.63
112	MP1B	X	15.715	5.88
113	MP1B	Z	27.219	5.88
114	MP1B	Mx	-.012	5.88
115	MP5B	X	15.715	1.63
116	MP5B	Z	27.219	1.63
117	MP5B	Mx	-.012	1.63
118	MP5B	X	15.715	5.88
119	MP5B	Z	27.219	5.88
120	MP5B	Mx	-.012	5.88
121	M79B	X	3.168	7.75
122	M79B	Z	5.487	7.75
123	M79B	Mx	.000528	7.75
124	M78	X	3.168	7.75
125	M78	Z	5.487	7.75
126	M78	Mx	.000528	7.75
127	M79B	X	3.168	7.75
128	M79B	Z	5.487	7.75
129	M79B	Mx	.000528	7.75
130	M78	X	3.168	7.75
131	M78	Z	5.487	7.75
132	M78	Mx	.000528	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.75
2	MP2A	Z	16.166	2.75
3	MP2A	Mx	0	2.75
4	MP2A	X	0	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	16.166	4.75
6	MP2A	Mx	0	4.75
7	MP2B	X	0	2.75
8	MP2B	Z	9.213	2.75
9	MP2B	Mx	-.006	2.75
10	MP2B	X	0	4.75
11	MP2B	Z	9.213	4.75
12	MP2B	Mx	-.006	4.75
13	MP2C	X	0	2.75
14	MP2C	Z	9.213	2.75
15	MP2C	Mx	.006	2.75
16	MP2C	X	0	4.75
17	MP2C	Z	9.213	4.75
18	MP2C	Mx	.006	4.75
19	MP3A	X	0	3
20	MP3A	Z	3.319	3
21	MP3A	Mx	-.002	3
22	MP3B	X	0	3
23	MP3B	Z	2.7	3
24	MP3B	Mx	.002	3
25	MP3C	X	0	3
26	MP3C	Z	2.7	3
27	MP3C	Mx	-.000269	3
28	OVP	X	0	1
29	OVP	Z	26.479	1
30	OVP	Mx	0	1
31	MP3A	X	0	3
32	MP3A	Z	13.636	3
33	MP3A	Mx	0	3
34	MP3B	X	0	3
35	MP3B	Z	10.527	3
36	MP3B	Mx	.005	3
37	MP3C	X	0	3
38	MP3C	Z	10.527	3
39	MP3C	Mx	-.005	3
40	MP4A	X	0	3.5
41	MP4A	Z	13.636	3.5
42	MP4A	Mx	0	3.5
43	MP4B	X	0	3.5
44	MP4B	Z	9.346	3.5
45	MP4B	Mx	.004	3.5
46	MP4C	X	0	3.5
47	MP4C	Z	9.346	3.5
48	MP4C	Mx	-.004	3.5
49	MP1A	X	0	1.75
50	MP1A	Z	32.315	1.75
51	MP1A	Mx	0	1.75
52	MP1A	X	0	5.75
53	MP1A	Z	32.315	5.75
54	MP1A	Mx	0	5.75
55	MP5A	X	0	1.75
56	MP5A	Z	32.315	1.75
57	MP5A	Mx	0	1.75
58	MP5A	X	0	5.75
59	MP5A	Z	32.315	5.75
60	MP5A	Mx	0	5.75
61	MP3A	X	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3A	Z	30.384	1.75
63	MP3A	Mx	.02	1.75
64	MP3A	X	0	5.75
65	MP3A	Z	30.384	5.75
66	MP3A	Mx	.02	5.75
67	MP3B	X	0	1.75
68	MP3B	Z	23.149	1.75
69	MP3B	Mx	-.023	1.75
70	MP3B	X	0	5.75
71	MP3B	Z	23.149	5.75
72	MP3B	Mx	-.023	5.75
73	MP3C	X	0	1.75
74	MP3C	Z	23.149	1.75
75	MP3C	Mx	.007	1.75
76	MP3C	X	0	5.75
77	MP3C	Z	23.149	5.75
78	MP3C	Mx	.007	5.75
79	MP3A	X	0	1.75
80	MP3A	Z	30.384	1.75
81	MP3A	Mx	-.02	1.75
82	MP3A	X	0	5.75
83	MP3A	Z	30.384	5.75
84	MP3A	Mx	-.02	5.75
85	MP3B	X	0	1.75
86	MP3B	Z	23.149	1.75
87	MP3B	Mx	-.007	1.75
88	MP3B	X	0	5.75
89	MP3B	Z	23.149	5.75
90	MP3B	Mx	-.007	5.75
91	MP3C	X	0	1.75
92	MP3C	Z	23.149	1.75
93	MP3C	Mx	.023	1.75
94	MP3C	X	0	5.75
95	MP3C	Z	23.149	5.75
96	MP3C	Mx	.023	5.75
97	MP1C	X	0	1.63
98	MP1C	Z	16.211	1.63
99	MP1C	Mx	.011	1.63
100	MP1C	X	0	5.88
101	MP1C	Z	16.211	5.88
102	MP1C	Mx	.011	5.88
103	MP5C	X	0	1.63
104	MP5C	Z	16.211	1.63
105	MP5C	Mx	.011	1.63
106	MP5C	X	0	5.88
107	MP5C	Z	16.211	5.88
108	MP5C	Mx	.011	5.88
109	MP1B	X	0	1.63
110	MP1B	Z	29.658	1.63
111	MP1B	Mx	-.019	1.63
112	MP1B	X	0	5.88
113	MP1B	Z	29.658	5.88
114	MP1B	Mx	-.019	5.88
115	MP5B	X	0	1.63
116	MP5B	Z	29.658	1.63
117	MP5B	Mx	-.019	1.63
118	MP5B	X	0	5.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP5B	Z	29.658	5.88
120	MP5B	Mx	-.019	5.88
121	M79B	X	0	7.75
122	M79B	Z	7.503	7.75
123	M79B	Mx	0	7.75
124	M78	X	0	7.75
125	M78	Z	4.002	7.75
126	M78	Mx	.000578	7.75
127	M79B	X	0	7.75
128	M79B	Z	7.503	7.75
129	M79B	Mx	0	7.75
130	M78	X	0	7.75
131	M78	Z	4.002	7.75
132	M78	Mx	.000578	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.924	2.75
2	MP2A	Z	11.993	2.75
3	MP2A	Mx	.005	2.75
4	MP2A	X	-6.924	4.75
5	MP2A	Z	11.993	4.75
6	MP2A	Mx	.005	4.75
7	MP2B	X	-3.447	2.75
8	MP2B	Z	5.971	2.75
9	MP2B	Mx	-.005	2.75
10	MP2B	X	-3.447	4.75
11	MP2B	Z	5.971	4.75
12	MP2B	Mx	-.005	4.75
13	MP2C	X	-6.924	2.75
14	MP2C	Z	11.993	2.75
15	MP2C	Mx	.005	2.75
16	MP2C	X	-6.924	4.75
17	MP2C	Z	11.993	4.75
18	MP2C	Mx	.005	4.75
19	MP3A	X	-1.556	3
20	MP3A	Z	2.696	3
21	MP3A	Mx	-.003	3
22	MP3B	X	-1.247	3
23	MP3B	Z	2.159	3
24	MP3B	Mx	.001	3
25	MP3C	X	-1.556	3
26	MP3C	Z	2.696	3
27	MP3C	Mx	.001	3
28	OVP	X	-11.715	1
29	OVP	Z	20.291	1
30	OVP	Mx	0	1
31	MP3A	X	-6.3	3
32	MP3A	Z	10.912	3
33	MP3A	Mx	-.003	3
34	MP3B	X	-4.745	3
35	MP3B	Z	8.219	3
36	MP3B	Mx	.005	3
37	MP3C	X	-6.3	3
38	MP3C	Z	10.912	3
39	MP3C	Mx	-.003	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A	X	-6.103	3.5
41	MP4A	Z	10.571	3.5
42	MP4A	Mx	-.003	3.5
43	MP4B	X	-3.958	3.5
44	MP4B	Z	6.855	3.5
45	MP4B	Mx	.004	3.5
46	MP4C	X	-6.103	3.5
47	MP4C	Z	10.571	3.5
48	MP4C	Mx	-.003	3.5
49	MP1A	X	-15.715	1.75
50	MP1A	Z	27.219	1.75
51	MP1A	Mx	.012	1.75
52	MP1A	X	-15.715	5.75
53	MP1A	Z	27.219	5.75
54	MP1A	Mx	.012	5.75
55	MP5A	X	-15.715	1.75
56	MP5A	Z	27.219	1.75
57	MP5A	Mx	.012	1.75
58	MP5A	X	-15.715	5.75
59	MP5A	Z	27.219	5.75
60	MP5A	Mx	.012	5.75
61	MP3A	X	-13.986	1.75
62	MP3A	Z	24.224	1.75
63	MP3A	Mx	.027	1.75
64	MP3A	X	-13.986	5.75
65	MP3A	Z	24.224	5.75
66	MP3A	Mx	.027	5.75
67	MP3B	X	-10.369	1.75
68	MP3B	Z	17.959	1.75
69	MP3B	Mx	-.016	1.75
70	MP3B	X	-10.369	5.75
71	MP3B	Z	17.959	5.75
72	MP3B	Mx	-.016	5.75
73	MP3C	X	-13.986	1.75
74	MP3C	Z	24.224	1.75
75	MP3C	Mx	-.006	1.75
76	MP3C	X	-13.986	5.75
77	MP3C	Z	24.224	5.75
78	MP3C	Mx	-.006	5.75
79	MP3A	X	-13.986	1.75
80	MP3A	Z	24.224	1.75
81	MP3A	Mx	-.006	1.75
82	MP3A	X	-13.986	5.75
83	MP3A	Z	24.224	5.75
84	MP3A	Mx	-.006	5.75
85	MP3B	X	-10.369	1.75
86	MP3B	Z	17.959	1.75
87	MP3B	Mx	-.016	1.75
88	MP3B	X	-10.369	5.75
89	MP3B	Z	17.959	5.75
90	MP3B	Mx	-.016	5.75
91	MP3C	X	-13.986	1.75
92	MP3C	Z	24.224	1.75
93	MP3C	Mx	.027	1.75
94	MP3C	X	-13.986	5.75
95	MP3C	Z	24.224	5.75
96	MP3C	Mx	.027	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP1C	X	-5.915	1.63
98	MP1C	Z	10.246	1.63
99	MP1C	Mx	.004	1.63
100	MP1C	X	-5.915	5.88
101	MP1C	Z	10.246	5.88
102	MP1C	Mx	.004	5.88
103	MP5C	X	-5.915	1.63
104	MP5C	Z	10.246	1.63
105	MP5C	Mx	.004	1.63
106	MP5C	X	-5.915	5.88
107	MP5C	Z	10.246	5.88
108	MP5C	Mx	.004	5.88
109	MP1B	X	-14.386	1.63
110	MP1B	Z	24.918	1.63
111	MP1B	Mx	-.022	1.63
112	MP1B	X	-14.386	5.88
113	MP1B	Z	24.918	5.88
114	MP1B	Mx	-.022	5.88
115	MP5B	X	-14.386	1.63
116	MP5B	Z	24.918	1.63
117	MP5B	Mx	-.022	1.63
118	MP5B	X	-14.386	5.88
119	MP5B	Z	24.918	5.88
120	MP5B	Mx	-.022	5.88
121	M79B	X	-3.168	7.75
122	M79B	Z	5.487	7.75
123	M79B	Mx	-.000528	7.75
124	M78	X	-1.418	7.75
125	M78	Z	2.455	7.75
126	M78	Mx	.000473	7.75
127	M79B	X	-3.168	7.75
128	M79B	Z	5.487	7.75
129	M79B	Mx	-.000528	7.75
130	M78	X	-1.418	7.75
131	M78	Z	2.455	7.75
132	M78	Mx	.000473	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.978	2.75
2	MP2A	Z	4.606	2.75
3	MP2A	Mx	.006	2.75
4	MP2A	X	-7.978	4.75
5	MP2A	Z	4.606	4.75
6	MP2A	Mx	.006	4.75
7	MP2B	X	-7.978	2.75
8	MP2B	Z	4.606	2.75
9	MP2B	Mx	-.006	2.75
10	MP2B	X	-7.978	4.75
11	MP2B	Z	4.606	4.75
12	MP2B	Mx	-.006	4.75
13	MP2C	X	-14.001	2.75
14	MP2C	Z	8.083	2.75
15	MP2C	Mx	0	2.75
16	MP2C	X	-14.001	4.75
17	MP2C	Z	8.083	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	0	4.75
19	MP3A	X	-2.338	3
20	MP3A	Z	1.35	3
21	MP3A	Mx	-.002	3
22	MP3B	X	-2.338	3
23	MP3B	Z	1.35	3
24	MP3B	Mx	.000269	3
25	MP3C	X	-2.875	3
26	MP3C	Z	1.66	3
27	MP3C	Mx	.002	3
28	OVP	X	-18.97	1
29	OVP	Z	10.953	1
30	OVP	Mx	0	1
31	MP3A	X	-9.117	3
32	MP3A	Z	5.263	3
33	MP3A	Mx	-.005	3
34	MP3B	X	-9.117	3
35	MP3B	Z	5.263	3
36	MP3B	Mx	.005	3
37	MP3C	X	-11.809	3
38	MP3C	Z	6.818	3
39	MP3C	Mx	0	3
40	MP4A	X	-8.093	3.5
41	MP4A	Z	4.673	3.5
42	MP4A	Mx	-.004	3.5
43	MP4B	X	-8.093	3.5
44	MP4B	Z	4.673	3.5
45	MP4B	Mx	.004	3.5
46	MP4C	X	-11.809	3.5
47	MP4C	Z	6.818	3.5
48	MP4C	Mx	0	3.5
49	MP1A	X	-25.685	1.75
50	MP1A	Z	14.829	1.75
51	MP1A	Mx	.019	1.75
52	MP1A	X	-25.685	5.75
53	MP1A	Z	14.829	5.75
54	MP1A	Mx	.019	5.75
55	MP5A	X	-25.685	1.75
56	MP5A	Z	14.829	1.75
57	MP5A	Mx	.019	1.75
58	MP5A	X	-25.685	5.75
59	MP5A	Z	14.829	5.75
60	MP5A	Mx	.019	5.75
61	MP3A	X	-20.047	1.75
62	MP3A	Z	11.574	1.75
63	MP3A	Mx	.023	1.75
64	MP3A	X	-20.047	5.75
65	MP3A	Z	11.574	5.75
66	MP3A	Mx	.023	5.75
67	MP3B	X	-20.047	1.75
68	MP3B	Z	11.574	1.75
69	MP3B	Mx	-.007	1.75
70	MP3B	X	-20.047	5.75
71	MP3B	Z	11.574	5.75
72	MP3B	Mx	-.007	5.75
73	MP3C	X	-26.313	1.75
74	MP3C	Z	15.192	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	-.02	1.75
76	MP3C	X	-26.313	5.75
77	MP3C	Z	15.192	5.75
78	MP3C	Mx	-.02	5.75
79	MP3A	X	-20.047	1.75
80	MP3A	Z	11.574	1.75
81	MP3A	Mx	.007	1.75
82	MP3A	X	-20.047	5.75
83	MP3A	Z	11.574	5.75
84	MP3A	Mx	.007	5.75
85	MP3B	X	-20.047	1.75
86	MP3B	Z	11.574	1.75
87	MP3B	Mx	-.023	1.75
88	MP3B	X	-20.047	5.75
89	MP3B	Z	11.574	5.75
90	MP3B	Mx	-.023	5.75
91	MP3C	X	-26.313	1.75
92	MP3C	Z	15.192	1.75
93	MP3C	Mx	.02	1.75
94	MP3C	X	-26.313	5.75
95	MP3C	Z	15.192	5.75
96	MP3C	Mx	.02	5.75
97	MP1C	X	-8.349	1.63
98	MP1C	Z	4.82	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	-8.349	5.88
101	MP1C	Z	4.82	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	-8.349	1.63
104	MP5C	Z	4.82	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	-8.349	5.88
107	MP5C	Z	4.82	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	-25.685	1.63
110	MP1B	Z	14.829	1.63
111	MP1B	Mx	-.019	1.63
112	MP1B	X	-25.685	5.88
113	MP1B	Z	14.829	5.88
114	MP1B	Mx	-.019	5.88
115	MP5B	X	-25.685	1.63
116	MP5B	Z	14.829	1.63
117	MP5B	Mx	-.019	1.63
118	MP5B	X	-25.685	5.88
119	MP5B	Z	14.829	5.88
120	MP5B	Mx	-.019	5.88
121	M79B	X	-3.466	7.75
122	M79B	Z	2.001	7.75
123	M79B	Mx	-.000578	7.75
124	M78	X	-3.466	7.75
125	M78	Z	2.001	7.75
126	M78	Mx	.000578	7.75
127	M79B	X	-3.466	7.75
128	M79B	Z	2.001	7.75
129	M79B	Mx	-.000578	7.75
130	M78	X	-3.466	7.75
131	M78	Z	2.001	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	M78	Mx	.000578	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.895	2.75
2	MP2A	Z	0	2.75
3	MP2A	Mx	.005	2.75
4	MP2A	X	-6.895	4.75
5	MP2A	Z	0	4.75
6	MP2A	Mx	.005	4.75
7	MP2B	X	-13.848	2.75
8	MP2B	Z	0	2.75
9	MP2B	Mx	-.005	2.75
10	MP2B	X	-13.848	4.75
11	MP2B	Z	0	4.75
12	MP2B	Mx	-.005	4.75
13	MP2C	X	-13.848	2.75
14	MP2C	Z	0	2.75
15	MP2C	Mx	-.005	2.75
16	MP2C	X	-13.848	4.75
17	MP2C	Z	0	4.75
18	MP2C	Mx	-.005	4.75
19	MP3A	X	-2.493	3
20	MP3A	Z	0	3
21	MP3A	Mx	-.001	3
22	MP3B	X	-3.113	3
23	MP3B	Z	0	3
24	MP3B	Mx	-.001	3
25	MP3C	X	-3.113	3
26	MP3C	Z	0	3
27	MP3C	Mx	.003	3
28	OVP	X	-23.43	1
29	OVP	Z	0	1
30	OVP	Mx	0	1
31	MP3A	X	-9.491	3
32	MP3A	Z	0	3
33	MP3A	Mx	-.005	3
34	MP3B	X	-12.6	3
35	MP3B	Z	0	3
36	MP3B	Mx	.003	3
37	MP3C	X	-12.6	3
38	MP3C	Z	0	3
39	MP3C	Mx	.003	3
40	MP4A	X	-7.915	3.5
41	MP4A	Z	0	3.5
42	MP4A	Mx	-.004	3.5
43	MP4B	X	-12.206	3.5
44	MP4B	Z	0	3.5
45	MP4B	Mx	.003	3.5
46	MP4C	X	-12.206	3.5
47	MP4C	Z	0	3.5
48	MP4C	Mx	.003	3.5
49	MP1A	X	-28.772	1.75
50	MP1A	Z	0	1.75
51	MP1A	Mx	.022	1.75
52	MP1A	X	-28.772	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1A	Z	0	5.75
54	MP1A	Mx	.022	5.75
55	MP5A	X	-28.772	1.75
56	MP5A	Z	0	1.75
57	MP5A	Mx	.022	1.75
58	MP5A	X	-28.772	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	.022	5.75
61	MP3A	X	-20.737	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	.016	1.75
64	MP3A	X	-20.737	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	.016	5.75
67	MP3B	X	-27.972	1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	.006	1.75
70	MP3B	X	-27.972	5.75
71	MP3B	Z	0	5.75
72	MP3B	Mx	.006	5.75
73	MP3C	X	-27.972	1.75
74	MP3C	Z	0	1.75
75	MP3C	Mx	-.027	1.75
76	MP3C	X	-27.972	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	-.027	5.75
79	MP3A	X	-20.737	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	.016	1.75
82	MP3A	X	-20.737	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	.016	5.75
85	MP3B	X	-27.972	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	-.027	1.75
88	MP3B	X	-27.972	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	-.027	5.75
91	MP3C	X	-27.972	1.75
92	MP3C	Z	0	1.75
93	MP3C	Mx	.006	1.75
94	MP3C	X	-27.972	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	.006	5.75
97	MP1C	X	-11.831	1.63
98	MP1C	Z	0	1.63
99	MP1C	Mx	-.004	1.63
100	MP1C	X	-11.831	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	-.004	5.88
103	MP5C	X	-11.831	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	-.004	1.63
106	MP5C	X	-11.831	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	-.004	5.88
109	MP1B	X	-31.43	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP1B	Z	0	1.63
111	MP1B	Mx	-.012	1.63
112	MP1B	X	-31.43	5.88
113	MP1B	Z	0	5.88
114	MP1B	Mx	-.012	5.88
115	MP5B	X	-31.43	1.63
116	MP5B	Z	0	1.63
117	MP5B	Mx	-.012	1.63
118	MP5B	X	-31.43	5.88
119	MP5B	Z	0	5.88
120	MP5B	Mx	-.012	5.88
121	M79B	X	-2.835	7.75
122	M79B	Z	0	7.75
123	M79B	Mx	-.000472	7.75
124	M78	X	-6.336	7.75
125	M78	Z	0	7.75
126	M78	Mx	.000528	7.75
127	M79B	X	-2.835	7.75
128	M79B	Z	0	7.75
129	M79B	Mx	-.000472	7.75
130	M78	X	-6.336	7.75
131	M78	Z	0	7.75
132	M78	Mx	.000528	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.978	2.75
2	MP2A	Z	-4.606	2.75
3	MP2A	Mx	.006	2.75
4	MP2A	X	-7.978	4.75
5	MP2A	Z	-4.606	4.75
6	MP2A	Mx	.006	4.75
7	MP2B	X	-14.001	2.75
8	MP2B	Z	-8.083	2.75
9	MP2B	Mx	0	2.75
10	MP2B	X	-14.001	4.75
11	MP2B	Z	-8.083	4.75
12	MP2B	Mx	0	4.75
13	MP2C	X	-7.978	2.75
14	MP2C	Z	-4.606	2.75
15	MP2C	Mx	-.006	2.75
16	MP2C	X	-7.978	4.75
17	MP2C	Z	-4.606	4.75
18	MP2C	Mx	-.006	4.75
19	MP3A	X	-2.338	3
20	MP3A	Z	-1.35	3
21	MP3A	Mx	-.000269	3
22	MP3B	X	-2.875	3
23	MP3B	Z	-1.66	3
24	MP3B	Mx	-.002	3
25	MP3C	X	-2.338	3
26	MP3C	Z	-1.35	3
27	MP3C	Mx	.002	3
28	OVP	X	-22.931	1
29	OVP	Z	-13.239	1
30	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	X	-9.117	3
32	MP3A	Z	-5.263	3
33	MP3A	Mx	-.005	3
34	MP3B	X	-11.809	3
35	MP3B	Z	-6.818	3
36	MP3B	Mx	0	3
37	MP3C	X	-9.117	3
38	MP3C	Z	-5.263	3
39	MP3C	Mx	.005	3
40	MP4A	X	-8.093	3.5
41	MP4A	Z	-4.673	3.5
42	MP4A	Mx	-.004	3.5
43	MP4B	X	-11.809	3.5
44	MP4B	Z	-6.818	3.5
45	MP4B	Mx	0	3.5
46	MP4C	X	-8.093	3.5
47	MP4C	Z	-4.673	3.5
48	MP4C	Mx	.004	3.5
49	MP1A	X	-25.685	1.75
50	MP1A	Z	-14.829	1.75
51	MP1A	Mx	.019	1.75
52	MP1A	X	-25.685	5.75
53	MP1A	Z	-14.829	5.75
54	MP1A	Mx	.019	5.75
55	MP5A	X	-25.685	1.75
56	MP5A	Z	-14.829	1.75
57	MP5A	Mx	.019	1.75
58	MP5A	X	-25.685	5.75
59	MP5A	Z	-14.829	5.75
60	MP5A	Mx	.019	5.75
61	MP3A	X	-20.047	1.75
62	MP3A	Z	-11.574	1.75
63	MP3A	Mx	.007	1.75
64	MP3A	X	-20.047	5.75
65	MP3A	Z	-11.574	5.75
66	MP3A	Mx	.007	5.75
67	MP3B	X	-26.313	1.75
68	MP3B	Z	-15.192	1.75
69	MP3B	Mx	.02	1.75
70	MP3B	X	-26.313	5.75
71	MP3B	Z	-15.192	5.75
72	MP3B	Mx	.02	5.75
73	MP3C	X	-20.047	1.75
74	MP3C	Z	-11.574	1.75
75	MP3C	Mx	-.023	1.75
76	MP3C	X	-20.047	5.75
77	MP3C	Z	-11.574	5.75
78	MP3C	Mx	-.023	5.75
79	MP3A	X	-20.047	1.75
80	MP3A	Z	-11.574	1.75
81	MP3A	Mx	.023	1.75
82	MP3A	X	-20.047	5.75
83	MP3A	Z	-11.574	5.75
84	MP3A	Mx	.023	5.75
85	MP3B	X	-26.313	1.75
86	MP3B	Z	-15.192	1.75
87	MP3B	Mx	-.02	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3B	X	-26.313	5.75
89	MP3B	Z	-15.192	5.75
90	MP3B	Mx	-.02	5.75
91	MP3C	X	-20.047	1.75
92	MP3C	Z	-11.574	1.75
93	MP3C	Mx	-.007	1.75
94	MP3C	X	-20.047	5.75
95	MP3C	Z	-11.574	5.75
96	MP3C	Mx	-.007	5.75
97	MP1C	X	-14.039	1.63
98	MP1C	Z	-8.106	1.63
99	MP1C	Mx	-.011	1.63
100	MP1C	X	-14.039	5.88
101	MP1C	Z	-8.106	5.88
102	MP1C	Mx	-.011	5.88
103	MP5C	X	-14.039	1.63
104	MP5C	Z	-8.106	1.63
105	MP5C	Mx	-.011	1.63
106	MP5C	X	-14.039	5.88
107	MP5C	Z	-8.106	5.88
108	MP5C	Mx	-.011	5.88
109	MP1B	X	-27.986	1.63
110	MP1B	Z	-16.158	1.63
111	MP1B	Mx	0	1.63
112	MP1B	X	-27.986	5.88
113	MP1B	Z	-16.158	5.88
114	MP1B	Mx	0	5.88
115	MP5B	X	-27.986	1.63
116	MP5B	Z	-16.158	1.63
117	MP5B	Mx	0	1.63
118	MP5B	X	-27.986	5.88
119	MP5B	Z	-16.158	5.88
120	MP5B	Mx	0	5.88
121	M79B	X	-3.466	7.75
122	M79B	Z	-2.001	7.75
123	M79B	Mx	-.000578	7.75
124	M78	X	-6.498	7.75
125	M78	Z	-3.751	7.75
126	M78	Mx	0	7.75
127	M79B	X	-3.466	7.75
128	M79B	Z	-2.001	7.75
129	M79B	Mx	-.000578	7.75
130	M78	X	-6.498	7.75
131	M78	Z	-3.751	7.75
132	M78	Mx	0	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.924	2.75
2	MP2A	Z	-11.993	2.75
3	MP2A	Mx	.005	2.75
4	MP2A	X	-6.924	4.75
5	MP2A	Z	-11.993	4.75
6	MP2A	Mx	.005	4.75
7	MP2B	X	-6.924	2.75
8	MP2B	Z	-11.993	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mx	.005	2.75
10	MP2B	X	-6.924	4.75
11	MP2B	Z	-11.993	4.75
12	MP2B	Mx	.005	4.75
13	MP2C	X	-3.447	2.75
14	MP2C	Z	-5.971	2.75
15	MP2C	Mx	-.005	2.75
16	MP2C	X	-3.447	4.75
17	MP2C	Z	-5.971	4.75
18	MP2C	Mx	-.005	4.75
19	MP3A	X	-1.556	3
20	MP3A	Z	-2.696	3
21	MP3A	Mx	.001	3
22	MP3B	X	-1.556	3
23	MP3B	Z	-2.696	3
24	MP3B	Mx	-.003	3
25	MP3C	X	-1.247	3
26	MP3C	Z	-2.159	3
27	MP3C	Mx	.001	3
28	OVP	X	-14.002	1
29	OVP	Z	-24.252	1
30	OVP	Mx	0	1
31	MP3A	X	-6.3	3
32	MP3A	Z	-10.912	3
33	MP3A	Mx	-.003	3
34	MP3B	X	-6.3	3
35	MP3B	Z	-10.912	3
36	MP3B	Mx	-.003	3
37	MP3C	X	-4.745	3
38	MP3C	Z	-8.219	3
39	MP3C	Mx	.005	3
40	MP4A	X	-6.103	3.5
41	MP4A	Z	-10.571	3.5
42	MP4A	Mx	-.003	3.5
43	MP4B	X	-6.103	3.5
44	MP4B	Z	-10.571	3.5
45	MP4B	Mx	-.003	3.5
46	MP4C	X	-3.958	3.5
47	MP4C	Z	-6.855	3.5
48	MP4C	Mx	.004	3.5
49	MP1A	X	-15.715	1.75
50	MP1A	Z	-27.219	1.75
51	MP1A	Mx	.012	1.75
52	MP1A	X	-15.715	5.75
53	MP1A	Z	-27.219	5.75
54	MP1A	Mx	.012	5.75
55	MP5A	X	-15.715	1.75
56	MP5A	Z	-27.219	1.75
57	MP5A	Mx	.012	1.75
58	MP5A	X	-15.715	5.75
59	MP5A	Z	-27.219	5.75
60	MP5A	Mx	.012	5.75
61	MP3A	X	-13.986	1.75
62	MP3A	Z	-24.224	1.75
63	MP3A	Mx	-.006	1.75
64	MP3A	X	-13.986	5.75
65	MP3A	Z	-24.224	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	-.006	5.75
67	MP3B	X	-13.986	1.75
68	MP3B	Z	-24.224	1.75
69	MP3B	Mx	.027	1.75
70	MP3B	X	-13.986	5.75
71	MP3B	Z	-24.224	5.75
72	MP3B	Mx	.027	5.75
73	MP3C	X	-10.369	1.75
74	MP3C	Z	-17.959	1.75
75	MP3C	Mx	-.016	1.75
76	MP3C	X	-10.369	5.75
77	MP3C	Z	-17.959	5.75
78	MP3C	Mx	-.016	5.75
79	MP3A	X	-13.986	1.75
80	MP3A	Z	-24.224	1.75
81	MP3A	Mx	.027	1.75
82	MP3A	X	-13.986	5.75
83	MP3A	Z	-24.224	5.75
84	MP3A	Mx	.027	5.75
85	MP3B	X	-13.986	1.75
86	MP3B	Z	-24.224	1.75
87	MP3B	Mx	-.006	1.75
88	MP3B	X	-13.986	5.75
89	MP3B	Z	-24.224	5.75
90	MP3B	Mx	-.006	5.75
91	MP3C	X	-10.369	1.75
92	MP3C	Z	-17.959	1.75
93	MP3C	Mx	-.016	1.75
94	MP3C	X	-10.369	5.75
95	MP3C	Z	-17.959	5.75
96	MP3C	Mx	-.016	5.75
97	MP1C	X	-9.201	1.63
98	MP1C	Z	-15.936	1.63
99	MP1C	Mx	-.014	1.63
100	MP1C	X	-9.201	5.88
101	MP1C	Z	-15.936	5.88
102	MP1C	Mx	-.014	5.88
103	MP5C	X	-9.201	1.63
104	MP5C	Z	-15.936	1.63
105	MP5C	Mx	-.014	1.63
106	MP5C	X	-9.201	5.88
107	MP5C	Z	-15.936	5.88
108	MP5C	Mx	-.014	5.88
109	MP1B	X	-15.715	1.63
110	MP1B	Z	-27.219	1.63
111	MP1B	Mx	.012	1.63
112	MP1B	X	-15.715	5.88
113	MP1B	Z	-27.219	5.88
114	MP1B	Mx	.012	5.88
115	MP5B	X	-15.715	1.63
116	MP5B	Z	-27.219	1.63
117	MP5B	Mx	.012	1.63
118	MP5B	X	-15.715	5.88
119	MP5B	Z	-27.219	5.88
120	MP5B	Mx	.012	5.88
121	M79B	X	-3.168	7.75
122	M79B	Z	-5.487	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
123	M79B	Mx	-.000528	7.75
124	M78	X	-3.168	7.75
125	M78	Z	-5.487	7.75
126	M78	Mx	-.000528	7.75
127	M79B	X	-3.168	7.75
128	M79B	Z	-5.487	7.75
129	M79B	Mx	-.000528	7.75
130	M78	X	-3.168	7.75
131	M78	Z	-5.487	7.75
132	M78	Mx	-.000528	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.75
2	MP2A	Z	-4.29	2.75
3	MP2A	Mx	0	2.75
4	MP2A	X	0	4.75
5	MP2A	Z	-4.29	4.75
6	MP2A	Mx	0	4.75
7	MP2B	X	0	2.75
8	MP2B	Z	-2.18	2.75
9	MP2B	Mx	.001	2.75
10	MP2B	X	0	4.75
11	MP2B	Z	-2.18	4.75
12	MP2B	Mx	.001	4.75
13	MP2C	X	0	2.75
14	MP2C	Z	-2.18	2.75
15	MP2C	Mx	-.001	2.75
16	MP2C	X	0	4.75
17	MP2C	Z	-2.18	4.75
18	MP2C	Mx	-.001	4.75
19	MP3A	X	0	3
20	MP3A	Z	-.81	3
21	MP3A	Mx	.00054	3
22	MP3B	X	0	3
23	MP3B	Z	-.623	3
24	MP3B	Mx	-.000477	3
25	MP3C	X	0	3
26	MP3C	Z	-.623	3
27	MP3C	Mx	6.2e-5	3
28	OVP	X	0	1
29	OVP	Z	-8.359	1
30	OVP	Mx	0	1
31	MP3A	X	0	3
32	MP3A	Z	-3.392	3
33	MP3A	Mx	0	3
34	MP3B	X	0	3
35	MP3B	Z	-2.555	3
36	MP3B	Mx	-.001	3
37	MP3C	X	0	3
38	MP3C	Z	-2.555	3
39	MP3C	Mx	.001	3
40	MP4A	X	0	3.5
41	MP4A	Z	-3.392	3.5
42	MP4A	Mx	0	3.5
43	MP4B	X	0	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP4B	Z	-2.243	3.5
45	MP4B	Mx	-.000971	3.5
46	MP4C	X	0	3.5
47	MP4C	Z	-2.243	3.5
48	MP4C	Mx	.000971	3.5
49	MP1A	X	0	1.75
50	MP1A	Z	-10.68	1.75
51	MP1A	Mx	0	1.75
52	MP1A	X	0	5.75
53	MP1A	Z	-10.68	5.75
54	MP1A	Mx	0	5.75
55	MP5A	X	0	1.75
56	MP5A	Z	-10.68	1.75
57	MP5A	Mx	0	1.75
58	MP5A	X	0	5.75
59	MP5A	Z	-10.68	5.75
60	MP5A	Mx	0	5.75
61	MP3A	X	0	1.75
62	MP3A	Z	-9.969	1.75
63	MP3A	Mx	-.007	1.75
64	MP3A	X	0	5.75
65	MP3A	Z	-9.969	5.75
66	MP3A	Mx	-.007	5.75
67	MP3B	X	0	1.75
68	MP3B	Z	-7.403	1.75
69	MP3B	Mx	.007	1.75
70	MP3B	X	0	5.75
71	MP3B	Z	-7.403	5.75
72	MP3B	Mx	.007	5.75
73	MP3C	X	0	1.75
74	MP3C	Z	-7.403	1.75
75	MP3C	Mx	-.002	1.75
76	MP3C	X	0	5.75
77	MP3C	Z	-7.403	5.75
78	MP3C	Mx	-.002	5.75
79	MP3A	X	0	1.75
80	MP3A	Z	-9.969	1.75
81	MP3A	Mx	.007	1.75
82	MP3A	X	0	5.75
83	MP3A	Z	-9.969	5.75
84	MP3A	Mx	.007	5.75
85	MP3B	X	0	1.75
86	MP3B	Z	-7.403	1.75
87	MP3B	Mx	.002	1.75
88	MP3B	X	0	5.75
89	MP3B	Z	-7.403	5.75
90	MP3B	Mx	.002	5.75
91	MP3C	X	0	1.75
92	MP3C	Z	-7.403	1.75
93	MP3C	Mx	-.007	1.75
94	MP3C	X	0	5.75
95	MP3C	Z	-7.403	5.75
96	MP3C	Mx	-.007	5.75
97	MP1C	X	0	1.63
98	MP1C	Z	-5.145	1.63
99	MP1C	Mx	-.003	1.63
100	MP1C	X	0	5.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP1C	Z	-5.145	5.88
102	MP1C	Mx	-.003	5.88
103	MP5C	X	0	1.63
104	MP5C	Z	-5.145	1.63
105	MP5C	Mx	-.003	1.63
106	MP5C	X	0	5.88
107	MP5C	Z	-5.145	5.88
108	MP5C	Mx	-.003	5.88
109	MP1B	X	0	1.63
110	MP1B	Z	-9.731	1.63
111	MP1B	Mx	.006	1.63
112	MP1B	X	0	5.88
113	MP1B	Z	-9.731	5.88
114	MP1B	Mx	.006	5.88
115	MP5B	X	0	1.63
116	MP5B	Z	-9.731	1.63
117	MP5B	Mx	.006	1.63
118	MP5B	X	0	5.88
119	MP5B	Z	-9.731	5.88
120	MP5B	Mx	.006	5.88
121	M79B	X	0	7.75
122	M79B	Z	-2.101	7.75
123	M79B	Mx	0	7.75
124	M78	X	0	7.75
125	M78	Z	-1.003	7.75
126	M78	Mx	-.000145	7.75
127	M79B	X	0	7.75
128	M79B	Z	-2.101	7.75
129	M79B	Mx	0	7.75
130	M78	X	0	7.75
131	M78	Z	-1.003	7.75
132	M78	Mx	-.000145	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.793	2.75
2	MP2A	Z	-3.106	2.75
3	MP2A	Mx	-.001	2.75
4	MP2A	X	1.793	4.75
5	MP2A	Z	-3.106	4.75
6	MP2A	Mx	-.001	4.75
7	MP2B	X	.739	2.75
8	MP2B	Z	-1.279	2.75
9	MP2B	Mx	.001	2.75
10	MP2B	X	.739	4.75
11	MP2B	Z	-1.279	4.75
12	MP2B	Mx	.001	4.75
13	MP2C	X	1.793	2.75
14	MP2C	Z	-3.106	2.75
15	MP2C	Mx	-.001	2.75
16	MP2C	X	1.793	4.75
17	MP2C	Z	-3.106	4.75
18	MP2C	Mx	-.001	4.75
19	MP3A	X	.374	3
20	MP3A	Z	-.647	3
21	MP3A	Mx	.000618	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP3B	X	.28	3
23	MP3B	Z	-.485	3
24	MP3B	Mx	-.00028	3
25	MP3C	X	.374	3
26	MP3C	Z	-.647	3
27	MP3C	Mx	-.000245	3
28	OVP	X	3.653	1
29	OVP	Z	-6.327	1
30	OVP	Mx	0	1
31	MP3A	X	1.557	3
32	MP3A	Z	-2.696	3
33	MP3A	Mx	.000778	3
34	MP3B	X	1.138	3
35	MP3B	Z	-1.971	3
36	MP3B	Mx	-.001	3
37	MP3C	X	1.557	3
38	MP3C	Z	-2.696	3
39	MP3C	Mx	.000778	3
40	MP4A	X	1.505	3.5
41	MP4A	Z	-2.606	3.5
42	MP4A	Mx	.000752	3.5
43	MP4B	X	.93	3.5
44	MP4B	Z	-1.611	3.5
45	MP4B	Mx	-.00093	3.5
46	MP4C	X	1.505	3.5
47	MP4C	Z	-2.606	3.5
48	MP4C	Mx	.000752	3.5
49	MP1A	X	5.182	1.75
50	MP1A	Z	-8.975	1.75
51	MP1A	Mx	-.004	1.75
52	MP1A	X	5.182	5.75
53	MP1A	Z	-8.975	5.75
54	MP1A	Mx	-.004	5.75
55	MP5A	X	5.182	1.75
56	MP5A	Z	-8.975	1.75
57	MP5A	Mx	-.004	1.75
58	MP5A	X	5.182	5.75
59	MP5A	Z	-8.975	5.75
60	MP5A	Mx	-.004	5.75
61	MP3A	X	4.557	1.75
62	MP3A	Z	-7.892	1.75
63	MP3A	Mx	-.009	1.75
64	MP3A	X	4.557	5.75
65	MP3A	Z	-7.892	5.75
66	MP3A	Mx	-.009	5.75
67	MP3B	X	3.274	1.75
68	MP3B	Z	-5.67	1.75
69	MP3B	Mx	.005	1.75
70	MP3B	X	3.274	5.75
71	MP3B	Z	-5.67	5.75
72	MP3B	Mx	.005	5.75
73	MP3C	X	4.557	1.75
74	MP3C	Z	-7.892	1.75
75	MP3C	Mx	.002	1.75
76	MP3C	X	4.557	5.75
77	MP3C	Z	-7.892	5.75
78	MP3C	Mx	.002	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3A	X	4.557	1.75
80	MP3A	Z	-7.892	1.75
81	MP3A	Mx	.002	1.75
82	MP3A	X	4.557	5.75
83	MP3A	Z	-7.892	5.75
84	MP3A	Mx	.002	5.75
85	MP3B	X	3.274	1.75
86	MP3B	Z	-5.67	1.75
87	MP3B	Mx	.005	1.75
88	MP3B	X	3.274	5.75
89	MP3B	Z	-5.67	5.75
90	MP3B	Mx	.005	5.75
91	MP3C	X	4.557	1.75
92	MP3C	Z	-7.892	1.75
93	MP3C	Mx	-.009	1.75
94	MP3C	X	4.557	5.75
95	MP3C	Z	-7.892	5.75
96	MP3C	Mx	-.009	5.75
97	MP1C	X	1.809	1.63
98	MP1C	Z	-3.134	1.63
99	MP1C	Mx	-.001	1.63
100	MP1C	X	1.809	5.88
101	MP1C	Z	-3.134	5.88
102	MP1C	Mx	-.001	5.88
103	MP5C	X	1.809	1.63
104	MP5C	Z	-3.134	1.63
105	MP5C	Mx	-.001	1.63
106	MP5C	X	1.809	5.88
107	MP5C	Z	-3.134	5.88
108	MP5C	Mx	-.001	5.88
109	MP1B	X	4.707	1.63
110	MP1B	Z	-8.153	1.63
111	MP1B	Mx	.007	1.63
112	MP1B	X	4.707	5.88
113	MP1B	Z	-8.153	5.88
114	MP1B	Mx	.007	5.88
115	MP5B	X	4.707	1.63
116	MP5B	Z	-8.153	1.63
117	MP5B	Mx	.007	1.63
118	MP5B	X	4.707	5.88
119	MP5B	Z	-8.153	5.88
120	MP5B	Mx	.007	5.88
121	M79B	X	.868	7.75
122	M79B	Z	-1.503	7.75
123	M79B	Mx	.000145	7.75
124	M78	X	.319	7.75
125	M78	Z	-.552	7.75
126	M78	Mx	-.000106	7.75
127	M79B	X	.868	7.75
128	M79B	Z	-1.503	7.75
129	M79B	Mx	.000145	7.75
130	M78	X	.319	7.75
131	M78	Z	-.552	7.75
132	M78	Mx	-.000106	7.75

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.888	2.75
2	MP2A	Z	-1.09	2.75
3	MP2A	Mx	-.001	2.75
4	MP2A	X	1.888	4.75
5	MP2A	Z	-1.09	4.75
6	MP2A	Mx	-.001	4.75
7	MP2B	X	1.888	2.75
8	MP2B	Z	-1.09	2.75
9	MP2B	Mx	.001	2.75
10	MP2B	X	1.888	4.75
11	MP2B	Z	-1.09	4.75
12	MP2B	Mx	.001	4.75
13	MP2C	X	3.715	2.75
14	MP2C	Z	-2.145	2.75
15	MP2C	Mx	0	2.75
16	MP2C	X	3.715	4.75
17	MP2C	Z	-2.145	4.75
18	MP2C	Mx	0	4.75
19	MP3A	X	.539	3
20	MP3A	Z	-.311	3
21	MP3A	Mx	.000477	3
22	MP3B	X	.539	3
23	MP3B	Z	-.311	3
24	MP3B	Mx	-6.2e-5	3
25	MP3C	X	.701	3
26	MP3C	Z	-.405	3
27	MP3C	Mx	-.00054	3
28	OVP	X	5.871	1
29	OVP	Z	-3.389	1
30	OVP	Mx	0	1
31	MP3A	X	2.213	3
32	MP3A	Z	-1.278	3
33	MP3A	Mx	.001	3
34	MP3B	X	2.213	3
35	MP3B	Z	-1.278	3
36	MP3B	Mx	-.001	3
37	MP3C	X	2.938	3
38	MP3C	Z	-1.696	3
39	MP3C	Mx	0	3
40	MP4A	X	1.943	3.5
41	MP4A	Z	-1.122	3.5
42	MP4A	Mx	.000972	3.5
43	MP4B	X	1.943	3.5
44	MP4B	Z	-1.122	3.5
45	MP4B	Mx	-.000972	3.5
46	MP4C	X	2.938	3.5
47	MP4C	Z	-1.696	3.5
48	MP4C	Mx	0	3.5
49	MP1A	X	8.427	1.75
50	MP1A	Z	-4.865	1.75
51	MP1A	Mx	-.006	1.75
52	MP1A	X	8.427	5.75
53	MP1A	Z	-4.865	5.75
54	MP1A	Mx	-.006	5.75
55	MP5A	X	8.427	1.75
56	MP5A	Z	-4.865	1.75
57	MP5A	Mx	-.006	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP5A	X	8.427	5.75
59	MP5A	Z	-4.865	5.75
60	MP5A	Mx	-.006	5.75
61	MP3A	X	6.411	1.75
62	MP3A	Z	-3.701	1.75
63	MP3A	Mx	-.007	1.75
64	MP3A	X	6.411	5.75
65	MP3A	Z	-3.701	5.75
66	MP3A	Mx	-.007	5.75
67	MP3B	X	6.411	1.75
68	MP3B	Z	-3.701	1.75
69	MP3B	Mx	.002	1.75
70	MP3B	X	6.411	5.75
71	MP3B	Z	-3.701	5.75
72	MP3B	Mx	.002	5.75
73	MP3C	X	8.633	1.75
74	MP3C	Z	-4.984	1.75
75	MP3C	Mx	.007	1.75
76	MP3C	X	8.633	5.75
77	MP3C	Z	-4.984	5.75
78	MP3C	Mx	.007	5.75
79	MP3A	X	6.411	1.75
80	MP3A	Z	-3.701	1.75
81	MP3A	Mx	-.002	1.75
82	MP3A	X	6.411	5.75
83	MP3A	Z	-3.701	5.75
84	MP3A	Mx	-.002	5.75
85	MP3B	X	6.411	1.75
86	MP3B	Z	-3.701	1.75
87	MP3B	Mx	.007	1.75
88	MP3B	X	6.411	5.75
89	MP3B	Z	-3.701	5.75
90	MP3B	Mx	.007	5.75
91	MP3C	X	8.633	1.75
92	MP3C	Z	-4.984	1.75
93	MP3C	Mx	-.007	1.75
94	MP3C	X	8.633	5.75
95	MP3C	Z	-4.984	5.75
96	MP3C	Mx	-.007	5.75
97	MP1C	X	2.473	1.63
98	MP1C	Z	-1.428	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	2.473	5.88
101	MP1C	Z	-1.428	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	2.473	1.63
104	MP5C	Z	-1.428	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	2.473	5.88
107	MP5C	Z	-1.428	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	8.427	1.63
110	MP1B	Z	-4.865	1.63
111	MP1B	Mx	.006	1.63
112	MP1B	X	8.427	5.88
113	MP1B	Z	-4.865	5.88
114	MP1B	Mx	.006	5.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP5B	X	8.427	1.63
116	MP5B	Z	-4.865	1.63
117	MP5B	Mx	.006	1.63
118	MP5B	X	8.427	5.88
119	MP5B	Z	-4.865	5.88
120	MP5B	Mx	.006	5.88
121	M79B	X	.869	7.75
122	M79B	Z	-.502	7.75
123	M79B	Mx	.000145	7.75
124	M78	X	.869	7.75
125	M78	Z	-.502	7.75
126	M78	Mx	-.000145	7.75
127	M79B	X	.869	7.75
128	M79B	Z	-.502	7.75
129	M79B	Mx	.000145	7.75
130	M78	X	.869	7.75
131	M78	Z	-.502	7.75
132	M78	Mx	-.000145	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.477	2.75
2	MP2A	Z	0	2.75
3	MP2A	Mx	-.001	2.75
4	MP2A	X	1.477	4.75
5	MP2A	Z	0	4.75
6	MP2A	Mx	-.001	4.75
7	MP2B	X	3.586	2.75
8	MP2B	Z	0	2.75
9	MP2B	Mx	.001	2.75
10	MP2B	X	3.586	4.75
11	MP2B	Z	0	4.75
12	MP2B	Mx	.001	4.75
13	MP2C	X	3.586	2.75
14	MP2C	Z	0	2.75
15	MP2C	Mx	.001	2.75
16	MP2C	X	3.586	4.75
17	MP2C	Z	0	4.75
18	MP2C	Mx	.001	4.75
19	MP3A	X	.56	3
20	MP3A	Z	0	3
21	MP3A	Mx	.00028	3
22	MP3B	X	.747	3
23	MP3B	Z	0	3
24	MP3B	Mx	.000245	3
25	MP3C	X	.747	3
26	MP3C	Z	0	3
27	MP3C	Mx	-.000618	3
28	OVP	X	7.306	1
29	OVP	Z	0	1
30	OVP	Mx	0	1
31	MP3A	X	2.276	3
32	MP3A	Z	0	3
33	MP3A	Mx	.001	3
34	MP3B	X	3.113	3
35	MP3B	Z	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3B	Mx	-.000778	3
37	MP3C	X	3.113	3
38	MP3C	Z	0	3
39	MP3C	Mx	-.000778	3
40	MP4A	X	1.86	3.5
41	MP4A	Z	0	3.5
42	MP4A	Mx	.00093	3.5
43	MP4B	X	3.009	3.5
44	MP4B	Z	0	3.5
45	MP4B	Mx	-.000752	3.5
46	MP4C	X	3.009	3.5
47	MP4C	Z	0	3.5
48	MP4C	Mx	-.000752	3.5
49	MP1A	X	9.414	1.75
50	MP1A	Z	0	1.75
51	MP1A	Mx	-.007	1.75
52	MP1A	X	9.414	5.75
53	MP1A	Z	0	5.75
54	MP1A	Mx	-.007	5.75
55	MP5A	X	9.414	1.75
56	MP5A	Z	0	1.75
57	MP5A	Mx	-.007	1.75
58	MP5A	X	9.414	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	-.007	5.75
61	MP3A	X	6.547	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	-.005	1.75
64	MP3A	X	6.547	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	-.005	5.75
67	MP3B	X	9.113	1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	-.002	1.75
70	MP3B	X	9.113	5.75
71	MP3B	Z	0	5.75
72	MP3B	Mx	-.002	5.75
73	MP3C	X	9.113	1.75
74	MP3C	Z	0	1.75
75	MP3C	Mx	.009	1.75
76	MP3C	X	9.113	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	.009	5.75
79	MP3A	X	6.547	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	-.005	1.75
82	MP3A	X	6.547	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	-.005	5.75
85	MP3B	X	9.113	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	.009	1.75
88	MP3B	X	9.113	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	.009	5.75
91	MP3C	X	9.113	1.75
92	MP3C	Z	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP3C	Mx	-.002	1.75
94	MP3C	X	9.113	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	-.002	5.75
97	MP1C	X	3.619	1.63
98	MP1C	Z	0	1.63
99	MP1C	Mx	.001	1.63
100	MP1C	X	3.619	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	.001	5.88
103	MP5C	X	3.619	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	.001	1.63
106	MP5C	X	3.619	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	.001	5.88
109	MP1B	X	10.364	1.63
110	MP1B	Z	0	1.63
111	MP1B	Mx	.004	1.63
112	MP1B	X	10.364	5.88
113	MP1B	Z	0	5.88
114	MP1B	Mx	.004	5.88
115	MP5B	X	10.364	1.63
116	MP5B	Z	0	1.63
117	MP5B	Mx	.004	1.63
118	MP5B	X	10.364	5.88
119	MP5B	Z	0	5.88
120	MP5B	Mx	.004	5.88
121	M79B	X	.637	7.75
122	M79B	Z	0	7.75
123	M79B	Mx	.000106	7.75
124	M78	X	1.735	7.75
125	M78	Z	0	7.75
126	M78	Mx	-.000145	7.75
127	M79B	X	.637	7.75
128	M79B	Z	0	7.75
129	M79B	Mx	.000106	7.75
130	M78	X	1.735	7.75
131	M78	Z	0	7.75
132	M78	Mx	-.000145	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.888	2.75
2	MP2A	Z	1.09	2.75
3	MP2A	Mx	-.001	2.75
4	MP2A	X	1.888	4.75
5	MP2A	Z	1.09	4.75
6	MP2A	Mx	-.001	4.75
7	MP2B	X	3.715	2.75
8	MP2B	Z	2.145	2.75
9	MP2B	Mx	0	2.75
10	MP2B	X	3.715	4.75
11	MP2B	Z	2.145	4.75
12	MP2B	Mx	0	4.75
13	MP2C	X	1.888	2.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	1.09	2.75
15	MP2C	Mx	.001	2.75
16	MP2C	X	1.888	4.75
17	MP2C	Z	1.09	4.75
18	MP2C	Mx	.001	4.75
19	MP3A	X	.539	3
20	MP3A	Z	.311	3
21	MP3A	Mx	6.2e-5	3
22	MP3B	X	.701	3
23	MP3B	Z	.405	3
24	MP3B	Mx	.00054	3
25	MP3C	X	.539	3
26	MP3C	Z	.311	3
27	MP3C	Mx	-.000477	3
28	OVP	X	7.239	1
29	OVP	Z	4.179	1
30	OVP	Mx	0	1
31	MP3A	X	2.213	3
32	MP3A	Z	1.278	3
33	MP3A	Mx	.001	3
34	MP3B	X	2.938	3
35	MP3B	Z	1.696	3
36	MP3B	Mx	0	3
37	MP3C	X	2.213	3
38	MP3C	Z	1.278	3
39	MP3C	Mx	-.001	3
40	MP4A	X	1.943	3.5
41	MP4A	Z	1.122	3.5
42	MP4A	Mx	.000972	3.5
43	MP4B	X	2.938	3.5
44	MP4B	Z	1.696	3.5
45	MP4B	Mx	0	3.5
46	MP4C	X	1.943	3.5
47	MP4C	Z	1.122	3.5
48	MP4C	Mx	-.000972	3.5
49	MP1A	X	8.427	1.75
50	MP1A	Z	4.865	1.75
51	MP1A	Mx	-.006	1.75
52	MP1A	X	8.427	5.75
53	MP1A	Z	4.865	5.75
54	MP1A	Mx	-.006	5.75
55	MP5A	X	8.427	1.75
56	MP5A	Z	4.865	1.75
57	MP5A	Mx	-.006	1.75
58	MP5A	X	8.427	5.75
59	MP5A	Z	4.865	5.75
60	MP5A	Mx	-.006	5.75
61	MP3A	X	6.411	1.75
62	MP3A	Z	3.701	1.75
63	MP3A	Mx	-.002	1.75
64	MP3A	X	6.411	5.75
65	MP3A	Z	3.701	5.75
66	MP3A	Mx	-.002	5.75
67	MP3B	X	8.633	1.75
68	MP3B	Z	4.984	1.75
69	MP3B	Mx	-.007	1.75
70	MP3B	X	8.633	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP3B	Z	4.984	5.75
72	MP3B	Mx	-.007	5.75
73	MP3C	X	6.411	1.75
74	MP3C	Z	3.701	1.75
75	MP3C	Mx	.007	1.75
76	MP3C	X	6.411	5.75
77	MP3C	Z	3.701	5.75
78	MP3C	Mx	.007	5.75
79	MP3A	X	6.411	1.75
80	MP3A	Z	3.701	1.75
81	MP3A	Mx	-.007	1.75
82	MP3A	X	6.411	5.75
83	MP3A	Z	3.701	5.75
84	MP3A	Mx	-.007	5.75
85	MP3B	X	8.633	1.75
86	MP3B	Z	4.984	1.75
87	MP3B	Mx	.007	1.75
88	MP3B	X	8.633	5.75
89	MP3B	Z	4.984	5.75
90	MP3B	Mx	.007	5.75
91	MP3C	X	6.411	1.75
92	MP3C	Z	3.701	1.75
93	MP3C	Mx	.002	1.75
94	MP3C	X	6.411	5.75
95	MP3C	Z	3.701	5.75
96	MP3C	Mx	.002	5.75
97	MP1C	X	4.456	1.63
98	MP1C	Z	2.572	1.63
99	MP1C	Mx	.003	1.63
100	MP1C	X	4.456	5.88
101	MP1C	Z	2.572	5.88
102	MP1C	Mx	.003	5.88
103	MP5C	X	4.456	1.63
104	MP5C	Z	2.572	1.63
105	MP5C	Mx	.003	1.63
106	MP5C	X	4.456	5.88
107	MP5C	Z	2.572	5.88
108	MP5C	Mx	.003	5.88
109	MP1B	X	9.249	1.63
110	MP1B	Z	5.34	1.63
111	MP1B	Mx	0	1.63
112	MP1B	X	9.249	5.88
113	MP1B	Z	5.34	5.88
114	MP1B	Mx	0	5.88
115	MP5B	X	9.249	1.63
116	MP5B	Z	5.34	1.63
117	MP5B	Mx	0	1.63
118	MP5B	X	9.249	5.88
119	MP5B	Z	5.34	5.88
120	MP5B	Mx	0	5.88
121	M79B	X	.869	7.75
122	M79B	Z	.502	7.75
123	M79B	Mx	.000145	7.75
124	M78	X	1.82	7.75
125	M78	Z	1.05	7.75
126	M78	Mx	0	7.75
127	M79B	X	.869	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
128	M79B	Z	.502	7.75
129	M79B	Mx	.000145	7.75
130	M78	X	1.82	7.75
131	M78	Z	1.05	7.75
132	M78	Mx	0	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.793	2.75
2	MP2A	Z	3.106	2.75
3	MP2A	Mx	-.001	2.75
4	MP2A	X	1.793	4.75
5	MP2A	Z	3.106	4.75
6	MP2A	Mx	-.001	4.75
7	MP2B	X	1.793	2.75
8	MP2B	Z	3.106	2.75
9	MP2B	Mx	-.001	2.75
10	MP2B	X	1.793	4.75
11	MP2B	Z	3.106	4.75
12	MP2B	Mx	-.001	4.75
13	MP2C	X	.739	2.75
14	MP2C	Z	1.279	2.75
15	MP2C	Mx	.001	2.75
16	MP2C	X	.739	4.75
17	MP2C	Z	1.279	4.75
18	MP2C	Mx	.001	4.75
19	MP3A	X	.374	3
20	MP3A	Z	.647	3
21	MP3A	Mx	-.000244	3
22	MP3B	X	.374	3
23	MP3B	Z	.647	3
24	MP3B	Mx	.000618	3
25	MP3C	X	.28	3
26	MP3C	Z	.485	3
27	MP3C	Mx	-.00028	3
28	OVP	X	4.443	1
29	OVP	Z	7.695	1
30	OVP	Mx	0	1
31	MP3A	X	1.557	3
32	MP3A	Z	2.696	3
33	MP3A	Mx	.000778	3
34	MP3B	X	1.557	3
35	MP3B	Z	2.696	3
36	MP3B	Mx	.000778	3
37	MP3C	X	1.138	3
38	MP3C	Z	1.971	3
39	MP3C	Mx	-.001	3
40	MP4A	X	1.505	3.5
41	MP4A	Z	2.606	3.5
42	MP4A	Mx	.000752	3.5
43	MP4B	X	1.505	3.5
44	MP4B	Z	2.606	3.5
45	MP4B	Mx	.000752	3.5
46	MP4C	X	.93	3.5
47	MP4C	Z	1.611	3.5
48	MP4C	Mx	-.00093	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1A	X	5.182	1.75
50	MP1A	Z	8.975	1.75
51	MP1A	Mx	-.004	1.75
52	MP1A	X	5.182	5.75
53	MP1A	Z	8.975	5.75
54	MP1A	Mx	-.004	5.75
55	MP5A	X	5.182	1.75
56	MP5A	Z	8.975	1.75
57	MP5A	Mx	-.004	1.75
58	MP5A	X	5.182	5.75
59	MP5A	Z	8.975	5.75
60	MP5A	Mx	-.004	5.75
61	MP3A	X	4.557	1.75
62	MP3A	Z	7.892	1.75
63	MP3A	Mx	.002	1.75
64	MP3A	X	4.557	5.75
65	MP3A	Z	7.892	5.75
66	MP3A	Mx	.002	5.75
67	MP3B	X	4.557	1.75
68	MP3B	Z	7.892	1.75
69	MP3B	Mx	-.009	1.75
70	MP3B	X	4.557	5.75
71	MP3B	Z	7.892	5.75
72	MP3B	Mx	-.009	5.75
73	MP3C	X	3.274	1.75
74	MP3C	Z	5.67	1.75
75	MP3C	Mx	.005	1.75
76	MP3C	X	3.274	5.75
77	MP3C	Z	5.67	5.75
78	MP3C	Mx	.005	5.75
79	MP3A	X	4.557	1.75
80	MP3A	Z	7.892	1.75
81	MP3A	Mx	-.009	1.75
82	MP3A	X	4.557	5.75
83	MP3A	Z	7.892	5.75
84	MP3A	Mx	-.009	5.75
85	MP3B	X	4.557	1.75
86	MP3B	Z	7.892	1.75
87	MP3B	Mx	.002	1.75
88	MP3B	X	4.557	5.75
89	MP3B	Z	7.892	5.75
90	MP3B	Mx	.002	5.75
91	MP3C	X	3.274	1.75
92	MP3C	Z	5.67	1.75
93	MP3C	Mx	.005	1.75
94	MP3C	X	3.274	5.75
95	MP3C	Z	5.67	5.75
96	MP3C	Mx	.005	5.75
97	MP1C	X	2.954	1.63
98	MP1C	Z	5.116	1.63
99	MP1C	Mx	.004	1.63
100	MP1C	X	2.954	5.88
101	MP1C	Z	5.116	5.88
102	MP1C	Mx	.004	5.88
103	MP5C	X	2.954	1.63
104	MP5C	Z	5.116	1.63
105	MP5C	Mx	.004	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP5C	X	2.954	5.88
107	MP5C	Z	5.116	5.88
108	MP5C	Mx	.004	5.88
109	MP1B	X	5.182	1.63
110	MP1B	Z	8.975	1.63
111	MP1B	Mx	-.004	1.63
112	MP1B	X	5.182	5.88
113	MP1B	Z	8.975	5.88
114	MP1B	Mx	-.004	5.88
115	MP5B	X	5.182	1.63
116	MP5B	Z	8.975	1.63
117	MP5B	Mx	-.004	1.63
118	MP5B	X	5.182	5.88
119	MP5B	Z	8.975	5.88
120	MP5B	Mx	-.004	5.88
121	M79B	X	.868	7.75
122	M79B	Z	1.503	7.75
123	M79B	Mx	.000145	7.75
124	M78	X	.868	7.75
125	M78	Z	1.503	7.75
126	M78	Mx	.000145	7.75
127	M79B	X	.868	7.75
128	M79B	Z	1.503	7.75
129	M79B	Mx	.000145	7.75
130	M78	X	.868	7.75
131	M78	Z	1.503	7.75
132	M78	Mx	.000145	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	2.75
2	MP2A	Z	4.29	2.75
3	MP2A	Mx	0	2.75
4	MP2A	X	0	4.75
5	MP2A	Z	4.29	4.75
6	MP2A	Mx	0	4.75
7	MP2B	X	0	2.75
8	MP2B	Z	2.18	2.75
9	MP2B	Mx	-.001	2.75
10	MP2B	X	0	4.75
11	MP2B	Z	2.18	4.75
12	MP2B	Mx	-.001	4.75
13	MP2C	X	0	2.75
14	MP2C	Z	2.18	2.75
15	MP2C	Mx	.001	2.75
16	MP2C	X	0	4.75
17	MP2C	Z	2.18	4.75
18	MP2C	Mx	.001	4.75
19	MP3A	X	0	3
20	MP3A	Z	.81	3
21	MP3A	Mx	-.00054	3
22	MP3B	X	0	3
23	MP3B	Z	.623	3
24	MP3B	Mx	.000477	3
25	MP3C	X	0	3
26	MP3C	Z	.623	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP3C	Mx	-6.2e-5	3
28	OVP	X	0	1
29	OVP	Z	8.359	1
30	OVP	Mx	0	1
31	MP3A	X	0	3
32	MP3A	Z	3.392	3
33	MP3A	Mx	0	3
34	MP3B	X	0	3
35	MP3B	Z	2.555	3
36	MP3B	Mx	.001	3
37	MP3C	X	0	3
38	MP3C	Z	2.555	3
39	MP3C	Mx	-.001	3
40	MP4A	X	0	3.5
41	MP4A	Z	3.392	3.5
42	MP4A	Mx	0	3.5
43	MP4B	X	0	3.5
44	MP4B	Z	2.243	3.5
45	MP4B	Mx	.000971	3.5
46	MP4C	X	0	3.5
47	MP4C	Z	2.243	3.5
48	MP4C	Mx	-.000971	3.5
49	MP1A	X	0	1.75
50	MP1A	Z	10.68	1.75
51	MP1A	Mx	0	1.75
52	MP1A	X	0	5.75
53	MP1A	Z	10.68	5.75
54	MP1A	Mx	0	5.75
55	MP5A	X	0	1.75
56	MP5A	Z	10.68	1.75
57	MP5A	Mx	0	1.75
58	MP5A	X	0	5.75
59	MP5A	Z	10.68	5.75
60	MP5A	Mx	0	5.75
61	MP3A	X	0	1.75
62	MP3A	Z	9.969	1.75
63	MP3A	Mx	.007	1.75
64	MP3A	X	0	5.75
65	MP3A	Z	9.969	5.75
66	MP3A	Mx	.007	5.75
67	MP3B	X	0	1.75
68	MP3B	Z	7.403	1.75
69	MP3B	Mx	-.007	1.75
70	MP3B	X	0	5.75
71	MP3B	Z	7.403	5.75
72	MP3B	Mx	-.007	5.75
73	MP3C	X	0	1.75
74	MP3C	Z	7.403	1.75
75	MP3C	Mx	.002	1.75
76	MP3C	X	0	5.75
77	MP3C	Z	7.403	5.75
78	MP3C	Mx	.002	5.75
79	MP3A	X	0	1.75
80	MP3A	Z	9.969	1.75
81	MP3A	Mx	-.007	1.75
82	MP3A	X	0	5.75
83	MP3A	Z	9.969	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP3A	Mx	-.007	5.75
85	MP3B	X	0	1.75
86	MP3B	Z	7.403	1.75
87	MP3B	Mx	-.002	1.75
88	MP3B	X	0	5.75
89	MP3B	Z	7.403	5.75
90	MP3B	Mx	-.002	5.75
91	MP3C	X	0	1.75
92	MP3C	Z	7.403	1.75
93	MP3C	Mx	.007	1.75
94	MP3C	X	0	5.75
95	MP3C	Z	7.403	5.75
96	MP3C	Mx	.007	5.75
97	MP1C	X	0	1.63
98	MP1C	Z	5.145	1.63
99	MP1C	Mx	.003	1.63
100	MP1C	X	0	5.88
101	MP1C	Z	5.145	5.88
102	MP1C	Mx	.003	5.88
103	MP5C	X	0	1.63
104	MP5C	Z	5.145	1.63
105	MP5C	Mx	.003	1.63
106	MP5C	X	0	5.88
107	MP5C	Z	5.145	5.88
108	MP5C	Mx	.003	5.88
109	MP1B	X	0	1.63
110	MP1B	Z	9.731	1.63
111	MP1B	Mx	-.006	1.63
112	MP1B	X	0	5.88
113	MP1B	Z	9.731	5.88
114	MP1B	Mx	-.006	5.88
115	MP5B	X	0	1.63
116	MP5B	Z	9.731	1.63
117	MP5B	Mx	-.006	1.63
118	MP5B	X	0	5.88
119	MP5B	Z	9.731	5.88
120	MP5B	Mx	-.006	5.88
121	M79B	X	0	7.75
122	M79B	Z	2.101	7.75
123	M79B	Mx	0	7.75
124	M78	X	0	7.75
125	M78	Z	1.003	7.75
126	M78	Mx	.000145	7.75
127	M79B	X	0	7.75
128	M79B	Z	2.101	7.75
129	M79B	Mx	0	7.75
130	M78	X	0	7.75
131	M78	Z	1.003	7.75
132	M78	Mx	.000145	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.793	2.75
2	MP2A	Z	3.106	2.75
3	MP2A	Mx	.001	2.75
4	MP2A	X	-1.793	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	3.106	4.75
6	MP2A	Mx	.001	4.75
7	MP2B	X	-.739	2.75
8	MP2B	Z	1.279	2.75
9	MP2B	Mx	-.001	2.75
10	MP2B	X	-.739	4.75
11	MP2B	Z	1.279	4.75
12	MP2B	Mx	-.001	4.75
13	MP2C	X	-1.793	2.75
14	MP2C	Z	3.106	2.75
15	MP2C	Mx	.001	2.75
16	MP2C	X	-1.793	4.75
17	MP2C	Z	3.106	4.75
18	MP2C	Mx	.001	4.75
19	MP3A	X	-.374	3
20	MP3A	Z	.647	3
21	MP3A	Mx	-.000618	3
22	MP3B	X	-.28	3
23	MP3B	Z	.485	3
24	MP3B	Mx	.00028	3
25	MP3C	X	-.374	3
26	MP3C	Z	.647	3
27	MP3C	Mx	.000245	3
28	OVP	X	-3.653	1
29	OVP	Z	6.327	1
30	OVP	Mx	0	1
31	MP3A	X	-1.557	3
32	MP3A	Z	2.696	3
33	MP3A	Mx	-.000778	3
34	MP3B	X	-1.138	3
35	MP3B	Z	1.971	3
36	MP3B	Mx	.001	3
37	MP3C	X	-1.557	3
38	MP3C	Z	2.696	3
39	MP3C	Mx	-.000778	3
40	MP4A	X	-1.505	3.5
41	MP4A	Z	2.606	3.5
42	MP4A	Mx	-.000752	3.5
43	MP4B	X	-.93	3.5
44	MP4B	Z	1.611	3.5
45	MP4B	Mx	.00093	3.5
46	MP4C	X	-1.505	3.5
47	MP4C	Z	2.606	3.5
48	MP4C	Mx	-.000752	3.5
49	MP1A	X	-5.182	1.75
50	MP1A	Z	8.975	1.75
51	MP1A	Mx	.004	1.75
52	MP1A	X	-5.182	5.75
53	MP1A	Z	8.975	5.75
54	MP1A	Mx	.004	5.75
55	MP5A	X	-5.182	1.75
56	MP5A	Z	8.975	1.75
57	MP5A	Mx	.004	1.75
58	MP5A	X	-5.182	5.75
59	MP5A	Z	8.975	5.75
60	MP5A	Mx	.004	5.75
61	MP3A	X	-4.557	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3A	Z	7.892	1.75
63	MP3A	Mx	.009	1.75
64	MP3A	X	-4.557	5.75
65	MP3A	Z	7.892	5.75
66	MP3A	Mx	.009	5.75
67	MP3B	X	-3.274	1.75
68	MP3B	Z	5.67	1.75
69	MP3B	Mx	-.005	1.75
70	MP3B	X	-3.274	5.75
71	MP3B	Z	5.67	5.75
72	MP3B	Mx	-.005	5.75
73	MP3C	X	-4.557	1.75
74	MP3C	Z	7.892	1.75
75	MP3C	Mx	-.002	1.75
76	MP3C	X	-4.557	5.75
77	MP3C	Z	7.892	5.75
78	MP3C	Mx	-.002	5.75
79	MP3A	X	-4.557	1.75
80	MP3A	Z	7.892	1.75
81	MP3A	Mx	-.002	1.75
82	MP3A	X	-4.557	5.75
83	MP3A	Z	7.892	5.75
84	MP3A	Mx	-.002	5.75
85	MP3B	X	-3.274	1.75
86	MP3B	Z	5.67	1.75
87	MP3B	Mx	-.005	1.75
88	MP3B	X	-3.274	5.75
89	MP3B	Z	5.67	5.75
90	MP3B	Mx	-.005	5.75
91	MP3C	X	-4.557	1.75
92	MP3C	Z	7.892	1.75
93	MP3C	Mx	.009	1.75
94	MP3C	X	-4.557	5.75
95	MP3C	Z	7.892	5.75
96	MP3C	Mx	.009	5.75
97	MP1C	X	-1.809	1.63
98	MP1C	Z	3.134	1.63
99	MP1C	Mx	.001	1.63
100	MP1C	X	-1.809	5.88
101	MP1C	Z	3.134	5.88
102	MP1C	Mx	.001	5.88
103	MP5C	X	-1.809	1.63
104	MP5C	Z	3.134	1.63
105	MP5C	Mx	.001	1.63
106	MP5C	X	-1.809	5.88
107	MP5C	Z	3.134	5.88
108	MP5C	Mx	.001	5.88
109	MP1B	X	-4.707	1.63
110	MP1B	Z	8.153	1.63
111	MP1B	Mx	-.007	1.63
112	MP1B	X	-4.707	5.88
113	MP1B	Z	8.153	5.88
114	MP1B	Mx	-.007	5.88
115	MP5B	X	-4.707	1.63
116	MP5B	Z	8.153	1.63
117	MP5B	Mx	-.007	1.63
118	MP5B	X	-4.707	5.88

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP5B	Z	8.153	5.88
120	MP5B	Mx	-.007	5.88
121	M79B	X	-.868	7.75
122	M79B	Z	1.503	7.75
123	M79B	Mx	-.000145	7.75
124	M78	X	-.319	7.75
125	M78	Z	.552	7.75
126	M78	Mx	.000106	7.75
127	M79B	X	-.868	7.75
128	M79B	Z	1.503	7.75
129	M79B	Mx	-.000145	7.75
130	M78	X	-.319	7.75
131	M78	Z	.552	7.75
132	M78	Mx	.000106	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.888	2.75
2	MP2A	Z	1.09	2.75
3	MP2A	Mx	.001	2.75
4	MP2A	X	-1.888	4.75
5	MP2A	Z	1.09	4.75
6	MP2A	Mx	.001	4.75
7	MP2B	X	-1.888	2.75
8	MP2B	Z	1.09	2.75
9	MP2B	Mx	-.001	2.75
10	MP2B	X	-1.888	4.75
11	MP2B	Z	1.09	4.75
12	MP2B	Mx	-.001	4.75
13	MP2C	X	-3.715	2.75
14	MP2C	Z	2.145	2.75
15	MP2C	Mx	0	2.75
16	MP2C	X	-3.715	4.75
17	MP2C	Z	2.145	4.75
18	MP2C	Mx	0	4.75
19	MP3A	X	-.539	3
20	MP3A	Z	.311	3
21	MP3A	Mx	-.000477	3
22	MP3B	X	-.539	3
23	MP3B	Z	.311	3
24	MP3B	Mx	6.2e-5	3
25	MP3C	X	-.701	3
26	MP3C	Z	.405	3
27	MP3C	Mx	.00054	3
28	OVP	X	-5.871	1
29	OVP	Z	3.389	1
30	OVP	Mx	0	1
31	MP3A	X	-2.213	3
32	MP3A	Z	1.278	3
33	MP3A	Mx	-.001	3
34	MP3B	X	-2.213	3
35	MP3B	Z	1.278	3
36	MP3B	Mx	.001	3
37	MP3C	X	-2.938	3
38	MP3C	Z	1.696	3
39	MP3C	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A	X	-1.943	3.5
41	MP4A	Z	1.122	3.5
42	MP4A	Mx	-.000972	3.5
43	MP4B	X	-1.943	3.5
44	MP4B	Z	1.122	3.5
45	MP4B	Mx	.000972	3.5
46	MP4C	X	-2.938	3.5
47	MP4C	Z	1.696	3.5
48	MP4C	Mx	0	3.5
49	MP1A	X	-8.427	1.75
50	MP1A	Z	4.865	1.75
51	MP1A	Mx	.006	1.75
52	MP1A	X	-8.427	5.75
53	MP1A	Z	4.865	5.75
54	MP1A	Mx	.006	5.75
55	MP5A	X	-8.427	1.75
56	MP5A	Z	4.865	1.75
57	MP5A	Mx	.006	1.75
58	MP5A	X	-8.427	5.75
59	MP5A	Z	4.865	5.75
60	MP5A	Mx	.006	5.75
61	MP3A	X	-6.411	1.75
62	MP3A	Z	3.701	1.75
63	MP3A	Mx	.007	1.75
64	MP3A	X	-6.411	5.75
65	MP3A	Z	3.701	5.75
66	MP3A	Mx	.007	5.75
67	MP3B	X	-6.411	1.75
68	MP3B	Z	3.701	1.75
69	MP3B	Mx	-.002	1.75
70	MP3B	X	-6.411	5.75
71	MP3B	Z	3.701	5.75
72	MP3B	Mx	-.002	5.75
73	MP3C	X	-8.633	1.75
74	MP3C	Z	4.984	1.75
75	MP3C	Mx	-.007	1.75
76	MP3C	X	-8.633	5.75
77	MP3C	Z	4.984	5.75
78	MP3C	Mx	-.007	5.75
79	MP3A	X	-6.411	1.75
80	MP3A	Z	3.701	1.75
81	MP3A	Mx	.002	1.75
82	MP3A	X	-6.411	5.75
83	MP3A	Z	3.701	5.75
84	MP3A	Mx	.002	5.75
85	MP3B	X	-6.411	1.75
86	MP3B	Z	3.701	1.75
87	MP3B	Mx	-.007	1.75
88	MP3B	X	-6.411	5.75
89	MP3B	Z	3.701	5.75
90	MP3B	Mx	-.007	5.75
91	MP3C	X	-8.633	1.75
92	MP3C	Z	4.984	1.75
93	MP3C	Mx	.007	1.75
94	MP3C	X	-8.633	5.75
95	MP3C	Z	4.984	5.75
96	MP3C	Mx	.007	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP1C	X	-2.473	1.63
98	MP1C	Z	1.428	1.63
99	MP1C	Mx	0	1.63
100	MP1C	X	-2.473	5.88
101	MP1C	Z	1.428	5.88
102	MP1C	Mx	0	5.88
103	MP5C	X	-2.473	1.63
104	MP5C	Z	1.428	1.63
105	MP5C	Mx	0	1.63
106	MP5C	X	-2.473	5.88
107	MP5C	Z	1.428	5.88
108	MP5C	Mx	0	5.88
109	MP1B	X	-8.427	1.63
110	MP1B	Z	4.865	1.63
111	MP1B	Mx	-.006	1.63
112	MP1B	X	-8.427	5.88
113	MP1B	Z	4.865	5.88
114	MP1B	Mx	-.006	5.88
115	MP5B	X	-8.427	1.63
116	MP5B	Z	4.865	1.63
117	MP5B	Mx	-.006	1.63
118	MP5B	X	-8.427	5.88
119	MP5B	Z	4.865	5.88
120	MP5B	Mx	-.006	5.88
121	M79B	X	-.869	7.75
122	M79B	Z	.502	7.75
123	M79B	Mx	-.000145	7.75
124	M78	X	-.869	7.75
125	M78	Z	.502	7.75
126	M78	Mx	.000145	7.75
127	M79B	X	-.869	7.75
128	M79B	Z	.502	7.75
129	M79B	Mx	-.000145	7.75
130	M78	X	-.869	7.75
131	M78	Z	.502	7.75
132	M78	Mx	.000145	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.477	2.75
2	MP2A	Z	0	2.75
3	MP2A	Mx	.001	2.75
4	MP2A	X	-1.477	4.75
5	MP2A	Z	0	4.75
6	MP2A	Mx	.001	4.75
7	MP2B	X	-3.586	2.75
8	MP2B	Z	0	2.75
9	MP2B	Mx	-.001	2.75
10	MP2B	X	-3.586	4.75
11	MP2B	Z	0	4.75
12	MP2B	Mx	-.001	4.75
13	MP2C	X	-3.586	2.75
14	MP2C	Z	0	2.75
15	MP2C	Mx	-.001	2.75
16	MP2C	X	-3.586	4.75
17	MP2C	Z	0	4.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.001	4.75
19	MP3A	X	-.56	3
20	MP3A	Z	0	3
21	MP3A	Mx	-.00028	3
22	MP3B	X	-.747	3
23	MP3B	Z	0	3
24	MP3B	Mx	-.000245	3
25	MP3C	X	-.747	3
26	MP3C	Z	0	3
27	MP3C	Mx	.000618	3
28	OVP	X	-7.306	1
29	OVP	Z	0	1
30	OVP	Mx	0	1
31	MP3A	X	-2.276	3
32	MP3A	Z	0	3
33	MP3A	Mx	-.001	3
34	MP3B	X	-3.113	3
35	MP3B	Z	0	3
36	MP3B	Mx	.000778	3
37	MP3C	X	-3.113	3
38	MP3C	Z	0	3
39	MP3C	Mx	.000778	3
40	MP4A	X	-1.86	3.5
41	MP4A	Z	0	3.5
42	MP4A	Mx	-.00093	3.5
43	MP4B	X	-3.009	3.5
44	MP4B	Z	0	3.5
45	MP4B	Mx	.000752	3.5
46	MP4C	X	-3.009	3.5
47	MP4C	Z	0	3.5
48	MP4C	Mx	.000752	3.5
49	MP1A	X	-9.414	1.75
50	MP1A	Z	0	1.75
51	MP1A	Mx	.007	1.75
52	MP1A	X	-9.414	5.75
53	MP1A	Z	0	5.75
54	MP1A	Mx	.007	5.75
55	MP5A	X	-9.414	1.75
56	MP5A	Z	0	1.75
57	MP5A	Mx	.007	1.75
58	MP5A	X	-9.414	5.75
59	MP5A	Z	0	5.75
60	MP5A	Mx	.007	5.75
61	MP3A	X	-6.547	1.75
62	MP3A	Z	0	1.75
63	MP3A	Mx	.005	1.75
64	MP3A	X	-6.547	5.75
65	MP3A	Z	0	5.75
66	MP3A	Mx	.005	5.75
67	MP3B	X	-9.113	1.75
68	MP3B	Z	0	1.75
69	MP3B	Mx	.002	1.75
70	MP3B	X	-9.113	5.75
71	MP3B	Z	0	5.75
72	MP3B	Mx	.002	5.75
73	MP3C	X	-9.113	1.75
74	MP3C	Z	0	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3C	Mx	-.009	1.75
76	MP3C	X	-9.113	5.75
77	MP3C	Z	0	5.75
78	MP3C	Mx	-.009	5.75
79	MP3A	X	-6.547	1.75
80	MP3A	Z	0	1.75
81	MP3A	Mx	.005	1.75
82	MP3A	X	-6.547	5.75
83	MP3A	Z	0	5.75
84	MP3A	Mx	.005	5.75
85	MP3B	X	-9.113	1.75
86	MP3B	Z	0	1.75
87	MP3B	Mx	-.009	1.75
88	MP3B	X	-9.113	5.75
89	MP3B	Z	0	5.75
90	MP3B	Mx	-.009	5.75
91	MP3C	X	-9.113	1.75
92	MP3C	Z	0	1.75
93	MP3C	Mx	.002	1.75
94	MP3C	X	-9.113	5.75
95	MP3C	Z	0	5.75
96	MP3C	Mx	.002	5.75
97	MP1C	X	-3.619	1.63
98	MP1C	Z	0	1.63
99	MP1C	Mx	-.001	1.63
100	MP1C	X	-3.619	5.88
101	MP1C	Z	0	5.88
102	MP1C	Mx	-.001	5.88
103	MP5C	X	-3.619	1.63
104	MP5C	Z	0	1.63
105	MP5C	Mx	-.001	1.63
106	MP5C	X	-3.619	5.88
107	MP5C	Z	0	5.88
108	MP5C	Mx	-.001	5.88
109	MP1B	X	-10.364	1.63
110	MP1B	Z	0	1.63
111	MP1B	Mx	-.004	1.63
112	MP1B	X	-10.364	5.88
113	MP1B	Z	0	5.88
114	MP1B	Mx	-.004	5.88
115	MP5B	X	-10.364	1.63
116	MP5B	Z	0	1.63
117	MP5B	Mx	-.004	1.63
118	MP5B	X	-10.364	5.88
119	MP5B	Z	0	5.88
120	MP5B	Mx	-.004	5.88
121	M79B	X	-.637	7.75
122	M79B	Z	0	7.75
123	M79B	Mx	-.000106	7.75
124	M78	X	-1.735	7.75
125	M78	Z	0	7.75
126	M78	Mx	.000145	7.75
127	M79B	X	-.637	7.75
128	M79B	Z	0	7.75
129	M79B	Mx	-.000106	7.75
130	M78	X	-1.735	7.75
131	M78	Z	0	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
132	M78	Mx	.000145	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.888	2.75
2	MP2A	Z	-1.09	2.75
3	MP2A	Mx	.001	2.75
4	MP2A	X	-1.888	4.75
5	MP2A	Z	-1.09	4.75
6	MP2A	Mx	.001	4.75
7	MP2B	X	-3.715	2.75
8	MP2B	Z	-2.145	2.75
9	MP2B	Mx	0	2.75
10	MP2B	X	-3.715	4.75
11	MP2B	Z	-2.145	4.75
12	MP2B	Mx	0	4.75
13	MP2C	X	-1.888	2.75
14	MP2C	Z	-1.09	2.75
15	MP2C	Mx	-.001	2.75
16	MP2C	X	-1.888	4.75
17	MP2C	Z	-1.09	4.75
18	MP2C	Mx	-.001	4.75
19	MP3A	X	-.539	3
20	MP3A	Z	-.311	3
21	MP3A	Mx	-6.2e-5	3
22	MP3B	X	-.701	3
23	MP3B	Z	-.405	3
24	MP3B	Mx	-.00054	3
25	MP3C	X	-.539	3
26	MP3C	Z	-.311	3
27	MP3C	Mx	.000477	3
28	OVP	X	-7.239	1
29	OVP	Z	-4.179	1
30	OVP	Mx	0	1
31	MP3A	X	-2.213	3
32	MP3A	Z	-1.278	3
33	MP3A	Mx	-.001	3
34	MP3B	X	-2.938	3
35	MP3B	Z	-1.696	3
36	MP3B	Mx	0	3
37	MP3C	X	-2.213	3
38	MP3C	Z	-1.278	3
39	MP3C	Mx	.001	3
40	MP4A	X	-1.943	3.5
41	MP4A	Z	-1.122	3.5
42	MP4A	Mx	-.000972	3.5
43	MP4B	X	-2.938	3.5
44	MP4B	Z	-1.696	3.5
45	MP4B	Mx	0	3.5
46	MP4C	X	-1.943	3.5
47	MP4C	Z	-1.122	3.5
48	MP4C	Mx	.000972	3.5
49	MP1A	X	-8.427	1.75
50	MP1A	Z	-4.865	1.75
51	MP1A	Mx	.006	1.75
52	MP1A	X	-8.427	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1A	Z	-4.865	5.75
54	MP1A	Mx	.006	5.75
55	MP5A	X	-8.427	1.75
56	MP5A	Z	-4.865	1.75
57	MP5A	Mx	.006	1.75
58	MP5A	X	-8.427	5.75
59	MP5A	Z	-4.865	5.75
60	MP5A	Mx	.006	5.75
61	MP3A	X	-6.411	1.75
62	MP3A	Z	-3.701	1.75
63	MP3A	Mx	.002	1.75
64	MP3A	X	-6.411	5.75
65	MP3A	Z	-3.701	5.75
66	MP3A	Mx	.002	5.75
67	MP3B	X	-8.633	1.75
68	MP3B	Z	-4.984	1.75
69	MP3B	Mx	.007	1.75
70	MP3B	X	-8.633	5.75
71	MP3B	Z	-4.984	5.75
72	MP3B	Mx	.007	5.75
73	MP3C	X	-6.411	1.75
74	MP3C	Z	-3.701	1.75
75	MP3C	Mx	-.007	1.75
76	MP3C	X	-6.411	5.75
77	MP3C	Z	-3.701	5.75
78	MP3C	Mx	-.007	5.75
79	MP3A	X	-6.411	1.75
80	MP3A	Z	-3.701	1.75
81	MP3A	Mx	.007	1.75
82	MP3A	X	-6.411	5.75
83	MP3A	Z	-3.701	5.75
84	MP3A	Mx	.007	5.75
85	MP3B	X	-8.633	1.75
86	MP3B	Z	-4.984	1.75
87	MP3B	Mx	-.007	1.75
88	MP3B	X	-8.633	5.75
89	MP3B	Z	-4.984	5.75
90	MP3B	Mx	-.007	5.75
91	MP3C	X	-6.411	1.75
92	MP3C	Z	-3.701	1.75
93	MP3C	Mx	-.002	1.75
94	MP3C	X	-6.411	5.75
95	MP3C	Z	-3.701	5.75
96	MP3C	Mx	-.002	5.75
97	MP1C	X	-4.456	1.63
98	MP1C	Z	-2.572	1.63
99	MP1C	Mx	-.003	1.63
100	MP1C	X	-4.456	5.88
101	MP1C	Z	-2.572	5.88
102	MP1C	Mx	-.003	5.88
103	MP5C	X	-4.456	1.63
104	MP5C	Z	-2.572	1.63
105	MP5C	Mx	-.003	1.63
106	MP5C	X	-4.456	5.88
107	MP5C	Z	-2.572	5.88
108	MP5C	Mx	-.003	5.88
109	MP1B	X	-9.249	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP1B	Z	-5.34	1.63
111	MP1B	Mx	0	1.63
112	MP1B	X	-9.249	5.88
113	MP1B	Z	-5.34	5.88
114	MP1B	Mx	0	5.88
115	MP5B	X	-9.249	1.63
116	MP5B	Z	-5.34	1.63
117	MP5B	Mx	0	1.63
118	MP5B	X	-9.249	5.88
119	MP5B	Z	-5.34	5.88
120	MP5B	Mx	0	5.88
121	M79B	X	-.869	7.75
122	M79B	Z	-.502	7.75
123	M79B	Mx	-.000145	7.75
124	M78	X	-1.82	7.75
125	M78	Z	-1.05	7.75
126	M78	Mx	0	7.75
127	M79B	X	-.869	7.75
128	M79B	Z	-.502	7.75
129	M79B	Mx	-.000145	7.75
130	M78	X	-1.82	7.75
131	M78	Z	-1.05	7.75
132	M78	Mx	0	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-1.793	2.75
2	MP2A	Z	-3.106	2.75
3	MP2A	Mx	.001	2.75
4	MP2A	X	-1.793	4.75
5	MP2A	Z	-3.106	4.75
6	MP2A	Mx	.001	4.75
7	MP2B	X	-1.793	2.75
8	MP2B	Z	-3.106	2.75
9	MP2B	Mx	.001	2.75
10	MP2B	X	-1.793	4.75
11	MP2B	Z	-3.106	4.75
12	MP2B	Mx	.001	4.75
13	MP2C	X	-.739	2.75
14	MP2C	Z	-1.279	2.75
15	MP2C	Mx	-.001	2.75
16	MP2C	X	-.739	4.75
17	MP2C	Z	-1.279	4.75
18	MP2C	Mx	-.001	4.75
19	MP3A	X	-.374	3
20	MP3A	Z	-.647	3
21	MP3A	Mx	.000244	3
22	MP3B	X	-.374	3
23	MP3B	Z	-.647	3
24	MP3B	Mx	-.000618	3
25	MP3C	X	-.28	3
26	MP3C	Z	-.485	3
27	MP3C	Mx	.00028	3
28	OVP	X	-4.443	1
29	OVP	Z	-7.695	1
30	OVP	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31	MP3A	X	-1.557	3
32	MP3A	Z	-2.696	3
33	MP3A	Mx	-.000778	3
34	MP3B	X	-1.557	3
35	MP3B	Z	-2.696	3
36	MP3B	Mx	-.000778	3
37	MP3C	X	-1.138	3
38	MP3C	Z	-1.971	3
39	MP3C	Mx	.001	3
40	MP4A	X	-1.505	3.5
41	MP4A	Z	-2.606	3.5
42	MP4A	Mx	-.000752	3.5
43	MP4B	X	-1.505	3.5
44	MP4B	Z	-2.606	3.5
45	MP4B	Mx	-.000752	3.5
46	MP4C	X	-.93	3.5
47	MP4C	Z	-1.611	3.5
48	MP4C	Mx	.00093	3.5
49	MP1A	X	-5.182	1.75
50	MP1A	Z	-8.975	1.75
51	MP1A	Mx	.004	1.75
52	MP1A	X	-5.182	5.75
53	MP1A	Z	-8.975	5.75
54	MP1A	Mx	.004	5.75
55	MP5A	X	-5.182	1.75
56	MP5A	Z	-8.975	1.75
57	MP5A	Mx	.004	1.75
58	MP5A	X	-5.182	5.75
59	MP5A	Z	-8.975	5.75
60	MP5A	Mx	.004	5.75
61	MP3A	X	-4.557	1.75
62	MP3A	Z	-7.892	1.75
63	MP3A	Mx	-.002	1.75
64	MP3A	X	-4.557	5.75
65	MP3A	Z	-7.892	5.75
66	MP3A	Mx	-.002	5.75
67	MP3B	X	-4.557	1.75
68	MP3B	Z	-7.892	1.75
69	MP3B	Mx	.009	1.75
70	MP3B	X	-4.557	5.75
71	MP3B	Z	-7.892	5.75
72	MP3B	Mx	.009	5.75
73	MP3C	X	-3.274	1.75
74	MP3C	Z	-5.67	1.75
75	MP3C	Mx	-.005	1.75
76	MP3C	X	-3.274	5.75
77	MP3C	Z	-5.67	5.75
78	MP3C	Mx	-.005	5.75
79	MP3A	X	-4.557	1.75
80	MP3A	Z	-7.892	1.75
81	MP3A	Mx	.009	1.75
82	MP3A	X	-4.557	5.75
83	MP3A	Z	-7.892	5.75
84	MP3A	Mx	.009	5.75
85	MP3B	X	-4.557	1.75
86	MP3B	Z	-7.892	1.75
87	MP3B	Mx	-.002	1.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
88	MP3B	X	-4.557	5.75
89	MP3B	Z	-7.892	5.75
90	MP3B	Mx	-.002	5.75
91	MP3C	X	-3.274	1.75
92	MP3C	Z	-5.67	1.75
93	MP3C	Mx	-.005	1.75
94	MP3C	X	-3.274	5.75
95	MP3C	Z	-5.67	5.75
96	MP3C	Mx	-.005	5.75
97	MP1C	X	-2.954	1.63
98	MP1C	Z	-5.116	1.63
99	MP1C	Mx	-.004	1.63
100	MP1C	X	-2.954	5.88
101	MP1C	Z	-5.116	5.88
102	MP1C	Mx	-.004	5.88
103	MP5C	X	-2.954	1.63
104	MP5C	Z	-5.116	1.63
105	MP5C	Mx	-.004	1.63
106	MP5C	X	-2.954	5.88
107	MP5C	Z	-5.116	5.88
108	MP5C	Mx	-.004	5.88
109	MP1B	X	-5.182	1.63
110	MP1B	Z	-8.975	1.63
111	MP1B	Mx	.004	1.63
112	MP1B	X	-5.182	5.88
113	MP1B	Z	-8.975	5.88
114	MP1B	Mx	.004	5.88
115	MP5B	X	-5.182	1.63
116	MP5B	Z	-8.975	1.63
117	MP5B	Mx	.004	1.63
118	MP5B	X	-5.182	5.88
119	MP5B	Z	-8.975	5.88
120	MP5B	Mx	.004	5.88
121	M79B	X	-.868	7.75
122	M79B	Z	-1.503	7.75
123	M79B	Mx	-.000145	7.75
124	M78	X	-.868	7.75
125	M78	Z	-1.503	7.75
126	M78	Mx	-.000145	7.75
127	M79B	X	-.868	7.75
128	M79B	Z	-1.503	7.75
129	M79B	Mx	-.000145	7.75
130	M78	X	-.868	7.75
131	M78	Z	-1.503	7.75
132	M78	Mx	-.000145	7.75

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%3

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%50

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 79 : Lv1) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%100

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-1.932	2.75
2	MP2A	My	-.001	2.75
3	MP2A	Mz	0	2.75
4	MP2A	Y	-1.932	4.75
5	MP2A	My	-.001	4.75
6	MP2A	Mz	0	4.75
7	MP2B	Y	-1.932	2.75
8	MP2B	My	.000725	2.75
9	MP2B	Mz	-.001	2.75
10	MP2B	Y	-1.932	4.75
11	MP2B	My	.000725	4.75
12	MP2B	Mz	-.001	4.75
13	MP2C	Y	-1.932	2.75
14	MP2C	My	.000725	2.75
15	MP2C	Mz	.001	2.75
16	MP2C	Y	-1.932	4.75
17	MP2C	My	.000725	4.75
18	MP2C	Mz	.001	4.75
19	MP3A	Y	-.461	3
20	MP3A	My	.000231	3
21	MP3A	Mz	-.000308	3
22	MP3B	Y	-.461	3
23	MP3B	My	.000151	3
24	MP3B	Mz	.000354	3
25	MP3C	Y	-.461	3
26	MP3C	My	-.000382	3
27	MP3C	Mz	-4.6e-5	3
28	OVP	Y	-1.42	1
29	OVP	My	0	1
30	OVP	Mz	0	1
31	MP3A	Y	-3.745	3
32	MP3A	My	.002	3
33	MP3A	Mz	0	3
34	MP3B	Y	-3.745	3
35	MP3B	My	-.000936	3
36	MP3B	Mz	.002	3
37	MP3C	Y	-3.745	3
38	MP3C	My	-.000936	3
39	MP3C	Mz	-.002	3
40	MP4A	Y	-3.119	3.5
41	MP4A	My	.002	3.5
42	MP4A	Mz	0	3.5
43	MP4B	Y	-3.119	3.5
44	MP4B	My	-.00078	3.5
45	MP4B	Mz	.001	3.5
46	MP4C	Y	-3.119	3.5
47	MP4C	My	-.00078	3.5
48	MP4C	Mz	-.001	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1A	Y	-.599	1.75
50	MP1A	My	-.000449	1.75
51	MP1A	Mz	0	1.75
52	MP1A	Y	-.599	5.75
53	MP1A	My	-.000449	5.75
54	MP1A	Mz	0	5.75
55	MP5A	Y	-.599	1.75
56	MP5A	My	-.000449	1.75
57	MP5A	Mz	0	1.75
58	MP5A	Y	-.599	5.75
59	MP5A	My	-.000449	5.75
60	MP5A	Mz	0	5.75
61	MP3A	Y	-1.404	1.75
62	MP3A	My	-.001	1.75
63	MP3A	Mz	.000936	1.75
64	MP3A	Y	-1.404	5.75
65	MP3A	My	-.001	5.75
66	MP3A	Mz	.000936	5.75
67	MP3B	Y	-1.404	1.75
68	MP3B	My	-.000284	1.75
69	MP3B	Mz	-.001	1.75
70	MP3B	Y	-1.404	5.75
71	MP3B	My	-.000284	5.75
72	MP3B	Mz	-.001	5.75
73	MP3C	Y	-1.404	1.75
74	MP3C	My	.001	1.75
75	MP3C	Mz	.000444	1.75
76	MP3C	Y	-1.404	5.75
77	MP3C	My	.001	5.75
78	MP3C	Mz	.000444	5.75
79	MP3A	Y	-1.404	1.75
80	MP3A	My	-.001	1.75
81	MP3A	Mz	-.000936	1.75
82	MP3A	Y	-1.404	5.75
83	MP3A	My	-.001	5.75
84	MP3A	Mz	-.000936	5.75
85	MP3B	Y	-1.404	1.75
86	MP3B	My	.001	1.75
87	MP3B	Mz	-.000444	1.75
88	MP3B	Y	-1.404	5.75
89	MP3B	My	.001	5.75
90	MP3B	Mz	-.000444	5.75
91	MP3C	Y	-1.404	1.75
92	MP3C	My	-.000284	1.75
93	MP3C	Mz	.001	1.75
94	MP3C	Y	-1.404	5.75
95	MP3C	My	-.000284	5.75
96	MP3C	Mz	.001	5.75
97	MP1C	Y	-.266	1.63
98	MP1C	My	.0001	1.63
99	MP1C	Mz	.000173	1.63
100	MP1C	Y	-.266	5.88
101	MP1C	My	.0001	5.88
102	MP1C	Mz	.000173	5.88
103	MP5C	Y	-.266	1.63
104	MP5C	My	.0001	1.63
105	MP5C	Mz	.000173	1.63

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
106	MP5C	Y	-.266	5.88
107	MP5C	My	.0001	5.88
108	MP5C	Mz	.000173	5.88
109	MP1B	Y	-.599	1.63
110	MP1B	My	.000225	1.63
111	MP1B	Mz	-.000389	1.63
112	MP1B	Y	-.599	5.88
113	MP1B	My	.000225	5.88
114	MP1B	Mz	-.000389	5.88
115	MP5B	Y	-.599	1.63
116	MP5B	My	.000225	1.63
117	MP5B	Mz	-.000389	1.63
118	MP5B	Y	-.599	5.88
119	MP5B	My	.000225	5.88
120	MP5B	Mz	-.000389	5.88
121	M79B	Y	-.781	7.75
122	M79B	My	.00013	7.75
123	M79B	Mz	0	7.75
124	M78	Y	-.781	7.75
125	M78	My	-6.5e-5	7.75
126	M78	Mz	.000113	7.75
127	M79B	Y	-.781	7.75
128	M79B	My	.00013	7.75
129	M79B	Mz	0	7.75
130	M78	Y	-.781	7.75
131	M78	My	-6.5e-5	7.75
132	M78	Mz	.000113	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-4.831	2.75
2	MP2A	Mx	0	2.75
3	MP2A	Z	-4.831	4.75
4	MP2A	Mx	0	4.75
5	MP2B	Z	-4.831	2.75
6	MP2B	Mx	.003	2.75
7	MP2B	Z	-4.831	4.75
8	MP2B	Mx	.003	4.75
9	MP2C	Z	-4.831	2.75
10	MP2C	Mx	-.003	2.75
11	MP2C	Z	-4.831	4.75
12	MP2C	Mx	-.003	4.75
13	MP3A	Z	-1.154	3
14	MP3A	Mx	.000769	3
15	MP3B	Z	-1.154	3
16	MP3B	Mx	-.000884	3
17	MP3C	Z	-1.154	3
18	MP3C	Mx	.000115	3
19	OVP	Z	-3.55	1
20	OVP	Mx	0	1
21	MP3A	Z	-9.363	3
22	MP3A	Mx	0	3
23	MP3B	Z	-9.363	3
24	MP3B	Mx	-.004	3
25	MP3C	Z	-9.363	3
26	MP3C	Mx	.004	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP4A	Z	-7.799	3.5
28	MP4A	Mx	0	3.5
29	MP4B	Z	-7.799	3.5
30	MP4B	Mx	-.003	3.5
31	MP4C	Z	-7.799	3.5
32	MP4C	Mx	.003	3.5
33	MP1A	Z	-1.498	1.75
34	MP1A	Mx	0	1.75
35	MP1A	Z	-1.498	5.75
36	MP1A	Mx	0	5.75
37	MP5A	Z	-1.498	1.75
38	MP5A	Mx	0	1.75
39	MP5A	Z	-1.498	5.75
40	MP5A	Mx	0	5.75
41	MP3A	Z	-3.511	1.75
42	MP3A	Mx	-.002	1.75
43	MP3A	Z	-3.511	5.75
44	MP3A	Mx	-.002	5.75
45	MP3B	Z	-3.511	1.75
46	MP3B	Mx	.003	1.75
47	MP3B	Z	-3.511	5.75
48	MP3B	Mx	.003	5.75
49	MP3C	Z	-3.511	1.75
50	MP3C	Mx	-.001	1.75
51	MP3C	Z	-3.511	5.75
52	MP3C	Mx	-.001	5.75
53	MP3A	Z	-3.511	1.75
54	MP3A	Mx	.002	1.75
55	MP3A	Z	-3.511	5.75
56	MP3A	Mx	.002	5.75
57	MP3B	Z	-3.511	1.75
58	MP3B	Mx	.001	1.75
59	MP3B	Z	-3.511	5.75
60	MP3B	Mx	.001	5.75
61	MP3C	Z	-3.511	1.75
62	MP3C	Mx	-.003	1.75
63	MP3C	Z	-3.511	5.75
64	MP3C	Mx	-.003	5.75
65	MP1C	Z	-.666	1.63
66	MP1C	Mx	-.000432	1.63
67	MP1C	Z	-.666	5.88
68	MP1C	Mx	-.000432	5.88
69	MP5C	Z	-.666	1.63
70	MP5C	Mx	-.000432	1.63
71	MP5C	Z	-.666	5.88
72	MP5C	Mx	-.000432	5.88
73	MP1B	Z	-1.498	1.63
74	MP1B	Mx	.000973	1.63
75	MP1B	Z	-1.498	5.88
76	MP1B	Mx	.000973	5.88
77	MP5B	Z	-1.498	1.63
78	MP5B	Mx	.000973	1.63
79	MP5B	Z	-1.498	5.88
80	MP5B	Mx	.000973	5.88
81	M79B	Z	-1.952	7.75
82	M79B	Mx	0	7.75
83	M78	Z	-1.952	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	M78	Mx	-.000282	7.75
85	M79B	Z	-1.952	7.75
86	M79B	Mx	0	7.75
87	M78	Z	-1.952	7.75
88	M78	Mx	-.000282	7.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.831	2.75
2	MP2A	Mx	-.004	2.75
3	MP2A	X	4.831	4.75
4	MP2A	Mx	-.004	4.75
5	MP2B	X	4.831	2.75
6	MP2B	Mx	.002	2.75
7	MP2B	X	4.831	4.75
8	MP2B	Mx	.002	4.75
9	MP2C	X	4.831	2.75
10	MP2C	Mx	.002	2.75
11	MP2C	X	4.831	4.75
12	MP2C	Mx	.002	4.75
13	MP3A	X	1.154	3
14	MP3A	Mx	.000577	3
15	MP3B	X	1.154	3
16	MP3B	Mx	.000378	3
17	MP3C	X	1.154	3
18	MP3C	Mx	-.000955	3
19	OVP	X	3.55	1
20	OVP	Mx	0	1
21	MP3A	X	9.363	3
22	MP3A	Mx	.005	3
23	MP3B	X	9.363	3
24	MP3B	Mx	-.002	3
25	MP3C	X	9.363	3
26	MP3C	Mx	-.002	3
27	MP4A	X	7.799	3.5
28	MP4A	Mx	.004	3.5
29	MP4B	X	7.799	3.5
30	MP4B	Mx	-.002	3.5
31	MP4C	X	7.799	3.5
32	MP4C	Mx	-.002	3.5
33	MP1A	X	1.498	1.75
34	MP1A	Mx	-.001	1.75
35	MP1A	X	1.498	5.75
36	MP1A	Mx	-.001	5.75
37	MP5A	X	1.498	1.75
38	MP5A	Mx	-.001	1.75
39	MP5A	X	1.498	5.75
40	MP5A	Mx	-.001	5.75
41	MP3A	X	3.511	1.75
42	MP3A	Mx	-.003	1.75
43	MP3A	X	3.511	5.75
44	MP3A	Mx	-.003	5.75
45	MP3B	X	3.511	1.75
46	MP3B	Mx	-.00071	1.75
47	MP3B	X	3.511	5.75
48	MP3B	Mx	-.00071	5.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	X	3.511	1.75
50	MP3C	Mx	.003	1.75
51	MP3C	X	3.511	5.75
52	MP3C	Mx	.003	5.75
53	MP3A	X	3.511	1.75
54	MP3A	Mx	-.003	1.75
55	MP3A	X	3.511	5.75
56	MP3A	Mx	-.003	5.75
57	MP3B	X	3.511	1.75
58	MP3B	Mx	.003	1.75
59	MP3B	X	3.511	5.75
60	MP3B	Mx	.003	5.75
61	MP3C	X	3.511	1.75
62	MP3C	Mx	-.00071	1.75
63	MP3C	X	3.511	5.75
64	MP3C	Mx	-.00071	5.75
65	MP1C	X	.666	1.63
66	MP1C	Mx	.00025	1.63
67	MP1C	X	.666	5.88
68	MP1C	Mx	.00025	5.88
69	MP5C	X	.666	1.63
70	MP5C	Mx	.00025	1.63
71	MP5C	X	.666	5.88
72	MP5C	Mx	.00025	5.88
73	MP1B	X	1.498	1.63
74	MP1B	Mx	.000562	1.63
75	MP1B	X	1.498	5.88
76	MP1B	Mx	.000562	5.88
77	MP5B	X	1.498	1.63
78	MP5B	Mx	.000562	1.63
79	MP5B	X	1.498	5.88
80	MP5B	Mx	.000562	5.88
81	M79B	X	1.952	7.75
82	M79B	Mx	.000325	7.75
83	M78	X	1.952	7.75
84	M78	Mx	-.000163	7.75
85	M79B	X	1.952	7.75
86	M79B	Mx	.000325	7.75
87	M78	X	1.952	7.75
88	M78	Mx	-.000163	7.75

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	-6.679	-6.679	0	%100
2	M4	Y	-9.764	-9.764	0	%100
3	M10	Y	-9.764	-9.764	0	%100
4	M43	Y	-9.764	-9.764	0	%100
5	M46	Y	-10.272	-10.272	0	%100
6	M51B	Y	-5.719	-5.719	0	%100
7	M52B	Y	-5.719	-5.719	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,%]
8	M76	Y	-10.272	-10.272	0	%100
9	M77	Y	-10.272	-10.272	0	%100
10	M80	Y	-10.272	-10.272	0	%100
11	M84	Y	-10.272	-10.272	0	%100
12	M85	Y	-10.272	-10.272	0	%100
13	M91	Y	-10.272	-10.272	0	%100
14	M26	Y	-9.764	-9.764	0	%100
15	M27	Y	-9.764	-9.764	0	%100
16	M28	Y	-9.764	-9.764	0	%100
17	M29	Y	-10.272	-10.272	0	%100
18	M32	Y	-5.719	-5.719	0	%100
19	M33	Y	-5.719	-5.719	0	%100
20	M37	Y	-10.272	-10.272	0	%100
21	M38	Y	-10.272	-10.272	0	%100
22	M40	Y	-10.272	-10.272	0	%100
23	M42	Y	-10.272	-10.272	0	%100
24	M43A	Y	-10.272	-10.272	0	%100
25	M45	Y	-10.272	-10.272	0	%100
26	M50A	Y	-9.764	-9.764	0	%100
27	M51C	Y	-9.764	-9.764	0	%100
28	M52A	Y	-9.764	-9.764	0	%100
29	M53	Y	-10.272	-10.272	0	%100
30	M56	Y	-5.719	-5.719	0	%100
31	M57	Y	-5.719	-5.719	0	%100
32	M61	Y	-10.272	-10.272	0	%100
33	M62	Y	-10.272	-10.272	0	%100
34	M64	Y	-10.272	-10.272	0	%100
35	M66	Y	-10.272	-10.272	0	%100
36	M67	Y	-10.272	-10.272	0	%100
37	M69	Y	-10.272	-10.272	0	%100
38	M74	Y	-6.679	-6.679	0	%100
39	M75	Y	-6.679	-6.679	0	%100
40	M79B	Y	-5.071	-5.071	0	%100
41	M77A	Y	-5.071	-5.071	0	%100
42	M78	Y	-5.071	-5.071	0	%100
43	MP5A	Y	-5.071	-5.071	0	%100
44	MP4A	Y	-5.071	-5.071	0	%100
45	MP2A	Y	-5.071	-5.071	0	%100
46	MP1A	Y	-5.071	-5.071	0	%100
47	MP3A	Y	-5.786	-5.786	0	%100
48	MP5C	Y	-5.071	-5.071	0	%100
49	MP4C	Y	-5.071	-5.071	0	%100
50	MP2C	Y	-5.071	-5.071	0	%100
51	MP1C	Y	-5.071	-5.071	0	%100
52	MP3C	Y	-5.786	-5.786	0	%100
53	MP5B	Y	-5.071	-5.071	0	%100
54	MP4B	Y	-5.071	-5.071	0	%100
55	MP2B	Y	-5.071	-5.071	0	%100
56	MP1B	Y	-5.071	-5.071	0	%100
57	MP3B	Y	-5.786	-5.786	0	%100
58	M130	Y	-5.071	-5.071	0	%100
59	M131	Y	-5.071	-5.071	0	%100
60	M134	Y	-5.071	-5.071	0	%100
61	OVP	Y	-5.071	-5.071	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,%]

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,%]
1	M1	X	0	0	0	%100
2	M1	Z	-12.256	-12.256	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-10.533	-10.533	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-10.533	-10.533	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-21.01	-21.01	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-2.917	-2.917	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-2.917	-2.917	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-5.35	-5.35	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-5.635	-5.635	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-5.35	-5.35	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-5.635	-5.635	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-9.336	-9.336	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-2.633	-2.633	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-2.633	-2.633	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-5.252	-5.252	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-2.917	-2.917	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	-11.666	-11.666	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-15.757	-15.757	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-5.35	-5.35	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-5.635	-5.635	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-15.757	-15.757	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-21.399	-21.399	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-22.539	-22.539	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-9.336	-9.336	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-2.633	-2.633	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-2.633	-2.633	0	%100
57	M53	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	M53	Z	-5.252	-5.252	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-11.666	-11.666	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-2.917	-2.917	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-15.757	-15.757	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	-21.399	-21.399	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-22.539	-22.539	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-15.757	-15.757	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	-5.35	-5.35	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-5.635	-5.635	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-3.064	-3.064	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-3.064	-3.064	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	-8.316	-8.316	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-2.079	-2.079	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-2.079	-2.079	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	-8.316	-8.316	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-8.316	-8.316	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	-8.316	-8.316	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-8.316	-8.316	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-10.067	-10.067	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	-8.316	-8.316	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-8.316	-8.316	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-8.316	-8.316	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	-8.316	-8.316	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-10.067	-10.067	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	-8.316	-8.316	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-8.316	-8.316	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-8.316	-8.316	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	-8.316	-8.316	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-10.067	-10.067	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	M130	X	0	0	0	%100
116	M130	Z	-5.859	-5.859	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-1.465	-1.465	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-1.465	-1.465	0	%100
121	OVP	X	0	0	0	%100
122	OVP	Z	-7.579	-7.579	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	4.596	4.596	0	%100
2	M1	Z	-7.96	-7.96	0	%100
3	M4	X	1.556	1.556	0	%100
4	M4	Z	-2.695	-2.695	0	%100
5	M10	X	3.95	3.95	0	%100
6	M10	Z	-6.842	-6.842	0	%100
7	M43	X	3.95	3.95	0	%100
8	M43	Z	-6.842	-6.842	0	%100
9	M46	X	7.879	7.879	0	%100
10	M46	Z	-13.646	-13.646	0	%100
11	M51B	X	4.375	4.375	0	%100
12	M51B	Z	-7.578	-7.578	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	2.626	2.626	0	%100
16	M76	Z	-4.549	-4.549	0	%100
17	M77	X	8.025	8.025	0	%100
18	M77	Z	-13.899	-13.899	0	%100
19	M80	X	8.452	8.452	0	%100
20	M80	Z	-14.639	-14.639	0	%100
21	M84	X	2.626	2.626	0	%100
22	M84	Z	-4.549	-4.549	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	1.556	1.556	0	%100
28	M26	Z	-2.695	-2.695	0	%100
29	M27	X	3.95	3.95	0	%100
30	M27	Z	-6.842	-6.842	0	%100
31	M28	X	3.95	3.95	0	%100
32	M28	Z	-6.842	-6.842	0	%100
33	M29	X	7.879	7.879	0	%100
34	M29	Z	-13.646	-13.646	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	4.375	4.375	0	%100
38	M33	Z	-7.578	-7.578	0	%100
39	M37	X	2.626	2.626	0	%100
40	M37	Z	-4.549	-4.549	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	2.626	2.626	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,%]
46	M42	Z	-4.549	-4.549	0	%100
47	M43A	X	8.025	8.025	0	%100
48	M43A	Z	-13.899	-13.899	0	%100
49	M45	X	8.452	8.452	0	%100
50	M45	Z	-14.639	-14.639	0	%100
51	M50A	X	6.224	6.224	0	%100
52	M50A	Z	-10.78	-10.78	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	4.375	4.375	0	%100
60	M56	Z	-7.578	-7.578	0	%100
61	M57	X	4.375	4.375	0	%100
62	M57	Z	-7.578	-7.578	0	%100
63	M61	X	10.505	10.505	0	%100
64	M61	Z	-18.195	-18.195	0	%100
65	M62	X	8.025	8.025	0	%100
66	M62	Z	-13.899	-13.899	0	%100
67	M64	X	8.452	8.452	0	%100
68	M64	Z	-14.639	-14.639	0	%100
69	M66	X	10.505	10.505	0	%100
70	M66	Z	-18.195	-18.195	0	%100
71	M67	X	8.025	8.025	0	%100
72	M67	Z	-13.899	-13.899	0	%100
73	M69	X	8.452	8.452	0	%100
74	M69	Z	-14.639	-14.639	0	%100
75	M74	X	4.596	4.596	0	%100
76	M74	Z	-7.96	-7.96	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	3.119	3.119	0	%100
80	M79B	Z	-5.402	-5.402	0	%100
81	M77A	X	3.119	3.119	0	%100
82	M77A	Z	-5.402	-5.402	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	4.158	4.158	0	%100
86	MP5A	Z	-7.202	-7.202	0	%100
87	MP4A	X	4.158	4.158	0	%100
88	MP4A	Z	-7.202	-7.202	0	%100
89	MP2A	X	4.158	4.158	0	%100
90	MP2A	Z	-7.202	-7.202	0	%100
91	MP1A	X	4.158	4.158	0	%100
92	MP1A	Z	-7.202	-7.202	0	%100
93	MP3A	X	5.034	5.034	0	%100
94	MP3A	Z	-8.718	-8.718	0	%100
95	MP5C	X	4.158	4.158	0	%100
96	MP5C	Z	-7.202	-7.202	0	%100
97	MP4C	X	4.158	4.158	0	%100
98	MP4C	Z	-7.202	-7.202	0	%100
99	MP2C	X	4.158	4.158	0	%100
100	MP2C	Z	-7.202	-7.202	0	%100
101	MP1C	X	4.158	4.158	0	%100
102	MP1C	Z	-7.202	-7.202	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,%]
103	MP3C	X	5.034	5.034	0	%100
104	MP3C	Z	-8.718	-8.718	0	%100
105	MP5B	X	4.158	4.158	0	%100
106	MP5B	Z	-7.202	-7.202	0	%100
107	MP4B	X	4.158	4.158	0	%100
108	MP4B	Z	-7.202	-7.202	0	%100
109	MP2B	X	4.158	4.158	0	%100
110	MP2B	Z	-7.202	-7.202	0	%100
111	MP1B	X	4.158	4.158	0	%100
112	MP1B	Z	-7.202	-7.202	0	%100
113	MP3B	X	5.034	5.034	0	%100
114	MP3B	Z	-8.718	-8.718	0	%100
115	M130	X	2.197	2.197	0	%100
116	M130	Z	-3.806	-3.806	0	%100
117	M131	X	2.197	2.197	0	%100
118	M131	Z	-3.806	-3.806	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	3.789	3.789	0	%100
122	OVP	Z	-6.563	-6.563	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	2.653	2.653	0	%100
2	M1	Z	-1.532	-1.532	0	%100
3	M4	X	8.085	8.085	0	%100
4	M4	Z	-4.668	-4.668	0	%100
5	M10	X	2.281	2.281	0	%100
6	M10	Z	-1.317	-1.317	0	%100
7	M43	X	2.281	2.281	0	%100
8	M43	Z	-1.317	-1.317	0	%100
9	M46	X	4.549	4.549	0	%100
10	M46	Z	-2.626	-2.626	0	%100
11	M51B	X	10.103	10.103	0	%100
12	M51B	Z	-5.833	-5.833	0	%100
13	M52B	X	2.526	2.526	0	%100
14	M52B	Z	-1.458	-1.458	0	%100
15	M76	X	13.646	13.646	0	%100
16	M76	Z	-7.879	-7.879	0	%100
17	M77	X	18.532	18.532	0	%100
18	M77	Z	-10.699	-10.699	0	%100
19	M80	X	19.519	19.519	0	%100
20	M80	Z	-11.269	-11.269	0	%100
21	M84	X	13.646	13.646	0	%100
22	M84	Z	-7.879	-7.879	0	%100
23	M85	X	4.633	4.633	0	%100
24	M85	Z	-2.675	-2.675	0	%100
25	M91	X	4.88	4.88	0	%100
26	M91	Z	-2.817	-2.817	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	9.122	9.122	0	%100
30	M27	Z	-5.267	-5.267	0	%100
31	M28	X	9.122	9.122	0	%100
32	M28	Z	-5.267	-5.267	0	%100
33	M29	X	18.195	18.195	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,%]
34	M29	Z	-10.505	-10.505	0	%100
35	M32	X	2.526	2.526	0	%100
36	M32	Z	-1.458	-1.458	0	%100
37	M33	X	2.526	2.526	0	%100
38	M33	Z	-1.458	-1.458	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	4.633	4.633	0	%100
42	M38	Z	-2.675	-2.675	0	%100
43	M40	X	4.88	4.88	0	%100
44	M40	Z	-2.817	-2.817	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	4.633	4.633	0	%100
48	M43A	Z	-2.675	-2.675	0	%100
49	M45	X	4.88	4.88	0	%100
50	M45	Z	-2.817	-2.817	0	%100
51	M50A	X	8.085	8.085	0	%100
52	M50A	Z	-4.668	-4.668	0	%100
53	M51C	X	2.281	2.281	0	%100
54	M51C	Z	-1.317	-1.317	0	%100
55	M52A	X	2.281	2.281	0	%100
56	M52A	Z	-1.317	-1.317	0	%100
57	M53	X	4.549	4.549	0	%100
58	M53	Z	-2.626	-2.626	0	%100
59	M56	X	2.526	2.526	0	%100
60	M56	Z	-1.458	-1.458	0	%100
61	M57	X	10.103	10.103	0	%100
62	M57	Z	-5.833	-5.833	0	%100
63	M61	X	13.646	13.646	0	%100
64	M61	Z	-7.879	-7.879	0	%100
65	M62	X	4.633	4.633	0	%100
66	M62	Z	-2.675	-2.675	0	%100
67	M64	X	4.88	4.88	0	%100
68	M64	Z	-2.817	-2.817	0	%100
69	M66	X	13.646	13.646	0	%100
70	M66	Z	-7.879	-7.879	0	%100
71	M67	X	18.532	18.532	0	%100
72	M67	Z	-10.699	-10.699	0	%100
73	M69	X	19.519	19.519	0	%100
74	M69	Z	-11.269	-11.269	0	%100
75	M74	X	10.614	10.614	0	%100
76	M74	Z	-6.128	-6.128	0	%100
77	M75	X	2.653	2.653	0	%100
78	M75	Z	-1.532	-1.532	0	%100
79	M79B	X	1.801	1.801	0	%100
80	M79B	Z	-1.04	-1.04	0	%100
81	M77A	X	7.202	7.202	0	%100
82	M77A	Z	-4.158	-4.158	0	%100
83	M78	X	1.801	1.801	0	%100
84	M78	Z	-1.04	-1.04	0	%100
85	MP5A	X	7.202	7.202	0	%100
86	MP5A	Z	-4.158	-4.158	0	%100
87	MP4A	X	7.202	7.202	0	%100
88	MP4A	Z	-4.158	-4.158	0	%100
89	MP2A	X	7.202	7.202	0	%100
90	MP2A	Z	-4.158	-4.158	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,%]
91	MP1A	X	7.202	7.202	0	%100
92	MP1A	Z	-4.158	-4.158	0	%100
93	MP3A	X	8.718	8.718	0	%100
94	MP3A	Z	-5.034	-5.034	0	%100
95	MP5C	X	7.202	7.202	0	%100
96	MP5C	Z	-4.158	-4.158	0	%100
97	MP4C	X	7.202	7.202	0	%100
98	MP4C	Z	-4.158	-4.158	0	%100
99	MP2C	X	7.202	7.202	0	%100
100	MP2C	Z	-4.158	-4.158	0	%100
101	MP1C	X	7.202	7.202	0	%100
102	MP1C	Z	-4.158	-4.158	0	%100
103	MP3C	X	8.718	8.718	0	%100
104	MP3C	Z	-5.034	-5.034	0	%100
105	MP5B	X	7.202	7.202	0	%100
106	MP5B	Z	-4.158	-4.158	0	%100
107	MP4B	X	7.202	7.202	0	%100
108	MP4B	Z	-4.158	-4.158	0	%100
109	MP2B	X	7.202	7.202	0	%100
110	MP2B	Z	-4.158	-4.158	0	%100
111	MP1B	X	7.202	7.202	0	%100
112	MP1B	Z	-4.158	-4.158	0	%100
113	MP3B	X	8.718	8.718	0	%100
114	MP3B	Z	-5.034	-5.034	0	%100
115	M130	X	1.269	1.269	0	%100
116	M130	Z	-.732	-.732	0	%100
117	M131	X	5.074	5.074	0	%100
118	M131	Z	-2.93	-2.93	0	%100
119	M134	X	1.269	1.269	0	%100
120	M134	Z	-.732	-.732	0	%100
121	OVP	X	6.563	6.563	0	%100
122	OVP	Z	-3.789	-3.789	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	M4	X	12.448	12.448	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	8.75	8.75	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	8.75	8.75	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	21.01	21.01	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	16.049	16.049	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	16.904	16.904	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	21.01	21.01	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,%]
22	M84	Z	0	0	0	%100
23	M85	X	16.049	16.049	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	16.904	16.904	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	3.112	3.112	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	7.9	7.9	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	7.9	7.9	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	15.757	15.757	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	8.75	8.75	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	5.252	5.252	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	16.049	16.049	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	16.904	16.904	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	5.252	5.252	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	0	0	0	%100
51	M50A	X	3.112	3.112	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	7.9	7.9	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	7.9	7.9	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	15.757	15.757	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M57	X	8.75	8.75	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	5.252	5.252	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M66	X	5.252	5.252	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	16.049	16.049	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	16.904	16.904	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	9.192	9.192	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	9.192	9.192	0	%100
78	M75	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,%]
79	M79B	X	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	6.237	6.237	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	6.237	6.237	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	8.316	8.316	0	%100
86	MP5A	Z	0	0	0	%100
87	MP4A	X	8.316	8.316	0	%100
88	MP4A	Z	0	0	0	%100
89	MP2A	X	8.316	8.316	0	%100
90	MP2A	Z	0	0	0	%100
91	MP1A	X	8.316	8.316	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	10.067	10.067	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	X	8.316	8.316	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	8.316	8.316	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	8.316	8.316	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	8.316	8.316	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	X	10.067	10.067	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	8.316	8.316	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	8.316	8.316	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	8.316	8.316	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	8.316	8.316	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	10.067	10.067	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	4.394	4.394	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	4.394	4.394	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	7.579	7.579	0	%100
122	OVP	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	2.653	2.653	0	%100
2	M1	Z	1.532	1.532	0	%100
3	M4	X	8.085	8.085	0	%100
4	M4	Z	4.668	4.668	0	%100
5	M10	X	2.281	2.281	0	%100
6	M10	Z	1.317	1.317	0	%100
7	M43	X	2.281	2.281	0	%100
8	M43	Z	1.317	1.317	0	%100
9	M46	X	4.549	4.549	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,%]
10	M46	Z	2.626	2.626	0	%100
11	M51B	X	2.526	2.526	0	%100
12	M51B	Z	1.458	1.458	0	%100
13	M52B	X	10.103	10.103	0	%100
14	M52B	Z	5.833	5.833	0	%100
15	M76	X	13.646	13.646	0	%100
16	M76	Z	7.879	7.879	0	%100
17	M77	X	4.633	4.633	0	%100
18	M77	Z	2.675	2.675	0	%100
19	M80	X	4.88	4.88	0	%100
20	M80	Z	2.817	2.817	0	%100
21	M84	X	13.646	13.646	0	%100
22	M84	Z	7.879	7.879	0	%100
23	M85	X	18.532	18.532	0	%100
24	M85	Z	10.699	10.699	0	%100
25	M91	X	19.519	19.519	0	%100
26	M91	Z	11.269	11.269	0	%100
27	M26	X	8.085	8.085	0	%100
28	M26	Z	4.668	4.668	0	%100
29	M27	X	2.281	2.281	0	%100
30	M27	Z	1.317	1.317	0	%100
31	M28	X	2.281	2.281	0	%100
32	M28	Z	1.317	1.317	0	%100
33	M29	X	4.549	4.549	0	%100
34	M29	Z	2.626	2.626	0	%100
35	M32	X	10.103	10.103	0	%100
36	M32	Z	5.833	5.833	0	%100
37	M33	X	2.526	2.526	0	%100
38	M33	Z	1.458	1.458	0	%100
39	M37	X	13.646	13.646	0	%100
40	M37	Z	7.879	7.879	0	%100
41	M38	X	18.532	18.532	0	%100
42	M38	Z	10.699	10.699	0	%100
43	M40	X	19.519	19.519	0	%100
44	M40	Z	11.269	11.269	0	%100
45	M42	X	13.646	13.646	0	%100
46	M42	Z	7.879	7.879	0	%100
47	M43A	X	4.633	4.633	0	%100
48	M43A	Z	2.675	2.675	0	%100
49	M45	X	4.88	4.88	0	%100
50	M45	Z	2.817	2.817	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	9.122	9.122	0	%100
54	M51C	Z	5.267	5.267	0	%100
55	M52A	X	9.122	9.122	0	%100
56	M52A	Z	5.267	5.267	0	%100
57	M53	X	18.195	18.195	0	%100
58	M53	Z	10.505	10.505	0	%100
59	M56	X	2.526	2.526	0	%100
60	M56	Z	1.458	1.458	0	%100
61	M57	X	2.526	2.526	0	%100
62	M57	Z	1.458	1.458	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	4.633	4.633	0	%100
66	M62	Z	2.675	2.675	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,%]
67	M64	X	4.88	4.88	0	%100
68	M64	Z	2.817	2.817	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	4.633	4.633	0	%100
72	M67	Z	2.675	2.675	0	%100
73	M69	X	4.88	4.88	0	%100
74	M69	Z	2.817	2.817	0	%100
75	M74	X	2.653	2.653	0	%100
76	M74	Z	1.532	1.532	0	%100
77	M75	X	10.614	10.614	0	%100
78	M75	Z	6.128	6.128	0	%100
79	M79B	X	1.801	1.801	0	%100
80	M79B	Z	1.04	1.04	0	%100
81	M77A	X	1.801	1.801	0	%100
82	M77A	Z	1.04	1.04	0	%100
83	M78	X	7.202	7.202	0	%100
84	M78	Z	4.158	4.158	0	%100
85	MP5A	X	7.202	7.202	0	%100
86	MP5A	Z	4.158	4.158	0	%100
87	MP4A	X	7.202	7.202	0	%100
88	MP4A	Z	4.158	4.158	0	%100
89	MP2A	X	7.202	7.202	0	%100
90	MP2A	Z	4.158	4.158	0	%100
91	MP1A	X	7.202	7.202	0	%100
92	MP1A	Z	4.158	4.158	0	%100
93	MP3A	X	8.718	8.718	0	%100
94	MP3A	Z	5.034	5.034	0	%100
95	MP5C	X	7.202	7.202	0	%100
96	MP5C	Z	4.158	4.158	0	%100
97	MP4C	X	7.202	7.202	0	%100
98	MP4C	Z	4.158	4.158	0	%100
99	MP2C	X	7.202	7.202	0	%100
100	MP2C	Z	4.158	4.158	0	%100
101	MP1C	X	7.202	7.202	0	%100
102	MP1C	Z	4.158	4.158	0	%100
103	MP3C	X	8.718	8.718	0	%100
104	MP3C	Z	5.034	5.034	0	%100
105	MP5B	X	7.202	7.202	0	%100
106	MP5B	Z	4.158	4.158	0	%100
107	MP4B	X	7.202	7.202	0	%100
108	MP4B	Z	4.158	4.158	0	%100
109	MP2B	X	7.202	7.202	0	%100
110	MP2B	Z	4.158	4.158	0	%100
111	MP1B	X	7.202	7.202	0	%100
112	MP1B	Z	4.158	4.158	0	%100
113	MP3B	X	8.718	8.718	0	%100
114	MP3B	Z	5.034	5.034	0	%100
115	M130	X	1.269	1.269	0	%100
116	M130	Z	.732	.732	0	%100
117	M131	X	1.269	1.269	0	%100
118	M131	Z	.732	.732	0	%100
119	M134	X	5.074	5.074	0	%100
120	M134	Z	2.93	2.93	0	%100
121	OVP	X	6.563	6.563	0	%100
122	OVP	Z	3.789	3.789	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	4.596	4.596	0	%100
2	M1	Z	7.96	7.96	0	%100
3	M4	X	1.556	1.556	0	%100
4	M4	Z	2.695	2.695	0	%100
5	M10	X	3.95	3.95	0	%100
6	M10	Z	6.842	6.842	0	%100
7	M43	X	3.95	3.95	0	%100
8	M43	Z	6.842	6.842	0	%100
9	M46	X	7.879	7.879	0	%100
10	M46	Z	13.646	13.646	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	4.375	4.375	0	%100
14	M52B	Z	7.578	7.578	0	%100
15	M76	X	2.626	2.626	0	%100
16	M76	Z	4.549	4.549	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	2.626	2.626	0	%100
22	M84	Z	4.549	4.549	0	%100
23	M85	X	8.025	8.025	0	%100
24	M85	Z	13.899	13.899	0	%100
25	M91	X	8.452	8.452	0	%100
26	M91	Z	14.639	14.639	0	%100
27	M26	X	6.224	6.224	0	%100
28	M26	Z	10.78	10.78	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	4.375	4.375	0	%100
36	M32	Z	7.578	7.578	0	%100
37	M33	X	4.375	4.375	0	%100
38	M33	Z	7.578	7.578	0	%100
39	M37	X	10.505	10.505	0	%100
40	M37	Z	18.195	18.195	0	%100
41	M38	X	8.025	8.025	0	%100
42	M38	Z	13.899	13.899	0	%100
43	M40	X	8.452	8.452	0	%100
44	M40	Z	14.639	14.639	0	%100
45	M42	X	10.505	10.505	0	%100
46	M42	Z	18.195	18.195	0	%100
47	M43A	X	8.025	8.025	0	%100
48	M43A	Z	13.899	13.899	0	%100
49	M45	X	8.452	8.452	0	%100
50	M45	Z	14.639	14.639	0	%100
51	M50A	X	1.556	1.556	0	%100
52	M50A	Z	2.695	2.695	0	%100
53	M51C	X	3.95	3.95	0	%100
54	M51C	Z	6.842	6.842	0	%100
55	M52A	X	3.95	3.95	0	%100
56	M52A	Z	6.842	6.842	0	%100
57	M53	X	7.879	7.879	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,%]
58	M53	Z	13.646	13.646	0	%100
59	M56	X	4.375	4.375	0	%100
60	M56	Z	7.578	7.578	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	2.626	2.626	0	%100
64	M61	Z	4.549	4.549	0	%100
65	M62	X	8.025	8.025	0	%100
66	M62	Z	13.899	13.899	0	%100
67	M64	X	8.452	8.452	0	%100
68	M64	Z	14.639	14.639	0	%100
69	M66	X	2.626	2.626	0	%100
70	M66	Z	4.549	4.549	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	4.596	4.596	0	%100
78	M75	Z	7.96	7.96	0	%100
79	M79B	X	3.119	3.119	0	%100
80	M79B	Z	5.402	5.402	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	3.119	3.119	0	%100
84	M78	Z	5.402	5.402	0	%100
85	MP5A	X	4.158	4.158	0	%100
86	MP5A	Z	7.202	7.202	0	%100
87	MP4A	X	4.158	4.158	0	%100
88	MP4A	Z	7.202	7.202	0	%100
89	MP2A	X	4.158	4.158	0	%100
90	MP2A	Z	7.202	7.202	0	%100
91	MP1A	X	4.158	4.158	0	%100
92	MP1A	Z	7.202	7.202	0	%100
93	MP3A	X	5.034	5.034	0	%100
94	MP3A	Z	8.718	8.718	0	%100
95	MP5C	X	4.158	4.158	0	%100
96	MP5C	Z	7.202	7.202	0	%100
97	MP4C	X	4.158	4.158	0	%100
98	MP4C	Z	7.202	7.202	0	%100
99	MP2C	X	4.158	4.158	0	%100
100	MP2C	Z	7.202	7.202	0	%100
101	MP1C	X	4.158	4.158	0	%100
102	MP1C	Z	7.202	7.202	0	%100
103	MP3C	X	5.034	5.034	0	%100
104	MP3C	Z	8.718	8.718	0	%100
105	MP5B	X	4.158	4.158	0	%100
106	MP5B	Z	7.202	7.202	0	%100
107	MP4B	X	4.158	4.158	0	%100
108	MP4B	Z	7.202	7.202	0	%100
109	MP2B	X	4.158	4.158	0	%100
110	MP2B	Z	7.202	7.202	0	%100
111	MP1B	X	4.158	4.158	0	%100
112	MP1B	Z	7.202	7.202	0	%100
113	MP3B	X	5.034	5.034	0	%100
114	MP3B	Z	8.718	8.718	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,%]
115	M130	X	2.197	2.197	0	%100
116	M130	Z	3.806	3.806	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	2.197	2.197	0	%100
120	M134	Z	3.806	3.806	0	%100
121	OVP	X	3.789	3.789	0	%100
122	OVP	Z	6.563	6.563	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	12.256	12.256	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	10.533	10.533	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	10.533	10.533	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	21.01	21.01	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	2.917	2.917	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	2.917	2.917	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	5.35	5.35	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	5.635	5.635	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	5.35	5.35	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	5.635	5.635	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	9.336	9.336	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	2.633	2.633	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	2.633	2.633	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	5.252	5.252	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	2.917	2.917	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	11.666	11.666	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	15.757	15.757	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	5.35	5.35	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	5.635	5.635	0	%100
45	M42	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,%]
46	M42	Z	15.757	15.757	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	21.399	21.399	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	22.539	22.539	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	9.336	9.336	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	2.633	2.633	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	2.633	2.633	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	5.252	5.252	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	11.666	11.666	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	2.917	2.917	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	15.757	15.757	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	21.399	21.399	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	22.539	22.539	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	15.757	15.757	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	5.35	5.35	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	5.635	5.635	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	3.064	3.064	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	3.064	3.064	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	8.316	8.316	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	2.079	2.079	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	2.079	2.079	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	8.316	8.316	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	8.316	8.316	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	8.316	8.316	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	8.316	8.316	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	10.067	10.067	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	8.316	8.316	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	8.316	8.316	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	8.316	8.316	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	8.316	8.316	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,%]
103	MP3C	X	0	0	0	%100
104	MP3C	Z	10.067	10.067	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	8.316	8.316	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	8.316	8.316	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	8.316	8.316	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	8.316	8.316	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	10.067	10.067	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	5.859	5.859	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	1.465	1.465	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	1.465	1.465	0	%100
121	OVP	X	0	0	0	%100
122	OVP	Z	7.579	7.579	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	-4.596	-4.596	0	%100
2	M1	Z	7.96	7.96	0	%100
3	M4	X	-1.556	-1.556	0	%100
4	M4	Z	2.695	2.695	0	%100
5	M10	X	-3.95	-3.95	0	%100
6	M10	Z	6.842	6.842	0	%100
7	M43	X	-3.95	-3.95	0	%100
8	M43	Z	6.842	6.842	0	%100
9	M46	X	-7.879	-7.879	0	%100
10	M46	Z	13.646	13.646	0	%100
11	M51B	X	-4.375	-4.375	0	%100
12	M51B	Z	7.578	7.578	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-2.626	-2.626	0	%100
16	M76	Z	4.549	4.549	0	%100
17	M77	X	-8.025	-8.025	0	%100
18	M77	Z	13.899	13.899	0	%100
19	M80	X	-8.452	-8.452	0	%100
20	M80	Z	14.639	14.639	0	%100
21	M84	X	-2.626	-2.626	0	%100
22	M84	Z	4.549	4.549	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-1.556	-1.556	0	%100
28	M26	Z	2.695	2.695	0	%100
29	M27	X	-3.95	-3.95	0	%100
30	M27	Z	6.842	6.842	0	%100
31	M28	X	-3.95	-3.95	0	%100
32	M28	Z	6.842	6.842	0	%100
33	M29	X	-7.879	-7.879	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,%]
34	M29	Z	13.646	13.646	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	-4.375	-4.375	0	%100
38	M33	Z	7.578	7.578	0	%100
39	M37	X	-2.626	-2.626	0	%100
40	M37	Z	4.549	4.549	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-2.626	-2.626	0	%100
46	M42	Z	4.549	4.549	0	%100
47	M43A	X	-8.025	-8.025	0	%100
48	M43A	Z	13.899	13.899	0	%100
49	M45	X	-8.452	-8.452	0	%100
50	M45	Z	14.639	14.639	0	%100
51	M50A	X	-6.224	-6.224	0	%100
52	M50A	Z	10.78	10.78	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	-4.375	-4.375	0	%100
60	M56	Z	7.578	7.578	0	%100
61	M57	X	-4.375	-4.375	0	%100
62	M57	Z	7.578	7.578	0	%100
63	M61	X	-10.505	-10.505	0	%100
64	M61	Z	18.195	18.195	0	%100
65	M62	X	-8.025	-8.025	0	%100
66	M62	Z	13.899	13.899	0	%100
67	M64	X	-8.452	-8.452	0	%100
68	M64	Z	14.639	14.639	0	%100
69	M66	X	-10.505	-10.505	0	%100
70	M66	Z	18.195	18.195	0	%100
71	M67	X	-8.025	-8.025	0	%100
72	M67	Z	13.899	13.899	0	%100
73	M69	X	-8.452	-8.452	0	%100
74	M69	Z	14.639	14.639	0	%100
75	M74	X	-4.596	-4.596	0	%100
76	M74	Z	7.96	7.96	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	-3.119	-3.119	0	%100
80	M79B	Z	5.402	5.402	0	%100
81	M77A	X	-3.119	-3.119	0	%100
82	M77A	Z	5.402	5.402	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	-4.158	-4.158	0	%100
86	MP5A	Z	7.202	7.202	0	%100
87	MP4A	X	-4.158	-4.158	0	%100
88	MP4A	Z	7.202	7.202	0	%100
89	MP2A	X	-4.158	-4.158	0	%100
90	MP2A	Z	7.202	7.202	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,%]
91	MP1A	X	-4.158	-4.158	0	%100
92	MP1A	Z	7.202	7.202	0	%100
93	MP3A	X	-5.034	-5.034	0	%100
94	MP3A	Z	8.718	8.718	0	%100
95	MP5C	X	-4.158	-4.158	0	%100
96	MP5C	Z	7.202	7.202	0	%100
97	MP4C	X	-4.158	-4.158	0	%100
98	MP4C	Z	7.202	7.202	0	%100
99	MP2C	X	-4.158	-4.158	0	%100
100	MP2C	Z	7.202	7.202	0	%100
101	MP1C	X	-4.158	-4.158	0	%100
102	MP1C	Z	7.202	7.202	0	%100
103	MP3C	X	-5.034	-5.034	0	%100
104	MP3C	Z	8.718	8.718	0	%100
105	MP5B	X	-4.158	-4.158	0	%100
106	MP5B	Z	7.202	7.202	0	%100
107	MP4B	X	-4.158	-4.158	0	%100
108	MP4B	Z	7.202	7.202	0	%100
109	MP2B	X	-4.158	-4.158	0	%100
110	MP2B	Z	7.202	7.202	0	%100
111	MP1B	X	-4.158	-4.158	0	%100
112	MP1B	Z	7.202	7.202	0	%100
113	MP3B	X	-5.034	-5.034	0	%100
114	MP3B	Z	8.718	8.718	0	%100
115	M130	X	-2.197	-2.197	0	%100
116	M130	Z	3.806	3.806	0	%100
117	M131	X	-2.197	-2.197	0	%100
118	M131	Z	3.806	3.806	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-3.789	-3.789	0	%100
122	OVP	Z	6.563	6.563	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	-2.653	-2.653	0	%100
2	M1	Z	1.532	1.532	0	%100
3	M4	X	-8.085	-8.085	0	%100
4	M4	Z	4.668	4.668	0	%100
5	M10	X	-2.281	-2.281	0	%100
6	M10	Z	1.317	1.317	0	%100
7	M43	X	-2.281	-2.281	0	%100
8	M43	Z	1.317	1.317	0	%100
9	M46	X	-4.549	-4.549	0	%100
10	M46	Z	2.626	2.626	0	%100
11	M51B	X	-10.103	-10.103	0	%100
12	M51B	Z	5.833	5.833	0	%100
13	M52B	X	-2.526	-2.526	0	%100
14	M52B	Z	1.458	1.458	0	%100
15	M76	X	-13.646	-13.646	0	%100
16	M76	Z	7.879	7.879	0	%100
17	M77	X	-18.532	-18.532	0	%100
18	M77	Z	10.699	10.699	0	%100
19	M80	X	-19.519	-19.519	0	%100
20	M80	Z	11.269	11.269	0	%100
21	M84	X	-13.646	-13.646	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,%]
22	M84	Z	7.879	7.879	0	%100
23	M85	X	-4.633	-4.633	0	%100
24	M85	Z	2.675	2.675	0	%100
25	M91	X	-4.88	-4.88	0	%100
26	M91	Z	2.817	2.817	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-9.122	-9.122	0	%100
30	M27	Z	5.267	5.267	0	%100
31	M28	X	-9.122	-9.122	0	%100
32	M28	Z	5.267	5.267	0	%100
33	M29	X	-18.195	-18.195	0	%100
34	M29	Z	10.505	10.505	0	%100
35	M32	X	-2.526	-2.526	0	%100
36	M32	Z	1.458	1.458	0	%100
37	M33	X	-2.526	-2.526	0	%100
38	M33	Z	1.458	1.458	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-4.633	-4.633	0	%100
42	M38	Z	2.675	2.675	0	%100
43	M40	X	-4.88	-4.88	0	%100
44	M40	Z	2.817	2.817	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	-4.633	-4.633	0	%100
48	M43A	Z	2.675	2.675	0	%100
49	M45	X	-4.88	-4.88	0	%100
50	M45	Z	2.817	2.817	0	%100
51	M50A	X	-8.085	-8.085	0	%100
52	M50A	Z	4.668	4.668	0	%100
53	M51C	X	-2.281	-2.281	0	%100
54	M51C	Z	1.317	1.317	0	%100
55	M52A	X	-2.281	-2.281	0	%100
56	M52A	Z	1.317	1.317	0	%100
57	M53	X	-4.549	-4.549	0	%100
58	M53	Z	2.626	2.626	0	%100
59	M56	X	-2.526	-2.526	0	%100
60	M56	Z	1.458	1.458	0	%100
61	M57	X	-10.103	-10.103	0	%100
62	M57	Z	5.833	5.833	0	%100
63	M61	X	-13.646	-13.646	0	%100
64	M61	Z	7.879	7.879	0	%100
65	M62	X	-4.633	-4.633	0	%100
66	M62	Z	2.675	2.675	0	%100
67	M64	X	-4.88	-4.88	0	%100
68	M64	Z	2.817	2.817	0	%100
69	M66	X	-13.646	-13.646	0	%100
70	M66	Z	7.879	7.879	0	%100
71	M67	X	-18.532	-18.532	0	%100
72	M67	Z	10.699	10.699	0	%100
73	M69	X	-19.519	-19.519	0	%100
74	M69	Z	11.269	11.269	0	%100
75	M74	X	-10.614	-10.614	0	%100
76	M74	Z	6.128	6.128	0	%100
77	M75	X	-2.653	-2.653	0	%100
78	M75	Z	1.532	1.532	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,%]
79	M79B	X	-1.801	-1.801	0	%100
80	M79B	Z	1.04	1.04	0	%100
81	M77A	X	-7.202	-7.202	0	%100
82	M77A	Z	4.158	4.158	0	%100
83	M78	X	-1.801	-1.801	0	%100
84	M78	Z	1.04	1.04	0	%100
85	MP5A	X	-7.202	-7.202	0	%100
86	MP5A	Z	4.158	4.158	0	%100
87	MP4A	X	-7.202	-7.202	0	%100
88	MP4A	Z	4.158	4.158	0	%100
89	MP2A	X	-7.202	-7.202	0	%100
90	MP2A	Z	4.158	4.158	0	%100
91	MP1A	X	-7.202	-7.202	0	%100
92	MP1A	Z	4.158	4.158	0	%100
93	MP3A	X	-8.718	-8.718	0	%100
94	MP3A	Z	5.034	5.034	0	%100
95	MP5C	X	-7.202	-7.202	0	%100
96	MP5C	Z	4.158	4.158	0	%100
97	MP4C	X	-7.202	-7.202	0	%100
98	MP4C	Z	4.158	4.158	0	%100
99	MP2C	X	-7.202	-7.202	0	%100
100	MP2C	Z	4.158	4.158	0	%100
101	MP1C	X	-7.202	-7.202	0	%100
102	MP1C	Z	4.158	4.158	0	%100
103	MP3C	X	-8.718	-8.718	0	%100
104	MP3C	Z	5.034	5.034	0	%100
105	MP5B	X	-7.202	-7.202	0	%100
106	MP5B	Z	4.158	4.158	0	%100
107	MP4B	X	-7.202	-7.202	0	%100
108	MP4B	Z	4.158	4.158	0	%100
109	MP2B	X	-7.202	-7.202	0	%100
110	MP2B	Z	4.158	4.158	0	%100
111	MP1B	X	-7.202	-7.202	0	%100
112	MP1B	Z	4.158	4.158	0	%100
113	MP3B	X	-8.718	-8.718	0	%100
114	MP3B	Z	5.034	5.034	0	%100
115	M130	X	-1.269	-1.269	0	%100
116	M130	Z	.732	.732	0	%100
117	M131	X	-5.074	-5.074	0	%100
118	M131	Z	2.93	2.93	0	%100
119	M134	X	-1.269	-1.269	0	%100
120	M134	Z	.732	.732	0	%100
121	OVP	X	-6.563	-6.563	0	%100
122	OVP	Z	3.789	3.789	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	M4	X	-12.448	-12.448	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	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,%]
10	M46	Z	0	0	0	%100
11	M51B	X	-8.75	-8.75	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-8.75	-8.75	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-21.01	-21.01	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-16.049	-16.049	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-16.904	-16.904	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-21.01	-21.01	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-16.049	-16.049	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-16.904	-16.904	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-3.112	-3.112	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-7.9	-7.9	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-7.9	-7.9	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-15.757	-15.757	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	-8.75	-8.75	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	-5.252	-5.252	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-16.049	-16.049	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	-16.904	-16.904	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-5.252	-5.252	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	0	0	0	%100
51	M50A	X	-3.112	-3.112	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-7.9	-7.9	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-7.9	-7.9	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-15.757	-15.757	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M57	X	-8.75	-8.75	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	-5.252	-5.252	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M66	X	-5.252	-5.252	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-16.049	-16.049	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	-16.904	-16.904	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	-9.192	-9.192	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-9.192	-9.192	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	-6.237	-6.237	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-6.237	-6.237	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	-8.316	-8.316	0	%100
86	MP5A	Z	0	0	0	%100
87	MP4A	X	-8.316	-8.316	0	%100
88	MP4A	Z	0	0	0	%100
89	MP2A	X	-8.316	-8.316	0	%100
90	MP2A	Z	0	0	0	%100
91	MP1A	X	-8.316	-8.316	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	-10.067	-10.067	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	X	-8.316	-8.316	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	-8.316	-8.316	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	-8.316	-8.316	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	-8.316	-8.316	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	X	-10.067	-10.067	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	-8.316	-8.316	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	-8.316	-8.316	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	-8.316	-8.316	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	-8.316	-8.316	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	-10.067	-10.067	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	-4.394	-4.394	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-4.394	-4.394	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-7.579	-7.579	0	%100
122	OVP	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	-2.653	-2.653	0	%100
2	M1	Z	-1.532	-1.532	0	%100
3	M4	X	-8.085	-8.085	0	%100
4	M4	Z	-4.668	-4.668	0	%100
5	M10	X	-2.281	-2.281	0	%100
6	M10	Z	-1.317	-1.317	0	%100
7	M43	X	-2.281	-2.281	0	%100
8	M43	Z	-1.317	-1.317	0	%100
9	M46	X	-4.549	-4.549	0	%100
10	M46	Z	-2.626	-2.626	0	%100
11	M51B	X	-2.526	-2.526	0	%100
12	M51B	Z	-1.458	-1.458	0	%100
13	M52B	X	-10.103	-10.103	0	%100
14	M52B	Z	-5.833	-5.833	0	%100
15	M76	X	-13.646	-13.646	0	%100
16	M76	Z	-7.879	-7.879	0	%100
17	M77	X	-4.633	-4.633	0	%100
18	M77	Z	-2.675	-2.675	0	%100
19	M80	X	-4.88	-4.88	0	%100
20	M80	Z	-2.817	-2.817	0	%100
21	M84	X	-13.646	-13.646	0	%100
22	M84	Z	-7.879	-7.879	0	%100
23	M85	X	-18.532	-18.532	0	%100
24	M85	Z	-10.699	-10.699	0	%100
25	M91	X	-19.519	-19.519	0	%100
26	M91	Z	-11.269	-11.269	0	%100
27	M26	X	-8.085	-8.085	0	%100
28	M26	Z	-4.668	-4.668	0	%100
29	M27	X	-2.281	-2.281	0	%100
30	M27	Z	-1.317	-1.317	0	%100
31	M28	X	-2.281	-2.281	0	%100
32	M28	Z	-1.317	-1.317	0	%100
33	M29	X	-4.549	-4.549	0	%100
34	M29	Z	-2.626	-2.626	0	%100
35	M32	X	-10.103	-10.103	0	%100
36	M32	Z	-5.833	-5.833	0	%100
37	M33	X	-2.526	-2.526	0	%100
38	M33	Z	-1.458	-1.458	0	%100
39	M37	X	-13.646	-13.646	0	%100
40	M37	Z	-7.879	-7.879	0	%100
41	M38	X	-18.532	-18.532	0	%100
42	M38	Z	-10.699	-10.699	0	%100
43	M40	X	-19.519	-19.519	0	%100
44	M40	Z	-11.269	-11.269	0	%100
45	M42	X	-13.646	-13.646	0	%100
46	M42	Z	-7.879	-7.879	0	%100
47	M43A	X	-4.633	-4.633	0	%100
48	M43A	Z	-2.675	-2.675	0	%100
49	M45	X	-4.88	-4.88	0	%100
50	M45	Z	-2.817	-2.817	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-9.122	-9.122	0	%100
54	M51C	Z	-5.267	-5.267	0	%100
55	M52A	X	-9.122	-9.122	0	%100
56	M52A	Z	-5.267	-5.267	0	%100
57	M53	X	-18.195	-18.195	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,%]
58	M53	Z	-10.505	-10.505	0	%100
59	M56	X	-2.526	-2.526	0	%100
60	M56	Z	-1.458	-1.458	0	%100
61	M57	X	-2.526	-2.526	0	%100
62	M57	Z	-1.458	-1.458	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	-4.633	-4.633	0	%100
66	M62	Z	-2.675	-2.675	0	%100
67	M64	X	-4.88	-4.88	0	%100
68	M64	Z	-2.817	-2.817	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-4.633	-4.633	0	%100
72	M67	Z	-2.675	-2.675	0	%100
73	M69	X	-4.88	-4.88	0	%100
74	M69	Z	-2.817	-2.817	0	%100
75	M74	X	-2.653	-2.653	0	%100
76	M74	Z	-1.532	-1.532	0	%100
77	M75	X	-10.614	-10.614	0	%100
78	M75	Z	-6.128	-6.128	0	%100
79	M79B	X	-1.801	-1.801	0	%100
80	M79B	Z	-1.04	-1.04	0	%100
81	M77A	X	-1.801	-1.801	0	%100
82	M77A	Z	-1.04	-1.04	0	%100
83	M78	X	-7.202	-7.202	0	%100
84	M78	Z	-4.158	-4.158	0	%100
85	MP5A	X	-7.202	-7.202	0	%100
86	MP5A	Z	-4.158	-4.158	0	%100
87	MP4A	X	-7.202	-7.202	0	%100
88	MP4A	Z	-4.158	-4.158	0	%100
89	MP2A	X	-7.202	-7.202	0	%100
90	MP2A	Z	-4.158	-4.158	0	%100
91	MP1A	X	-7.202	-7.202	0	%100
92	MP1A	Z	-4.158	-4.158	0	%100
93	MP3A	X	-8.718	-8.718	0	%100
94	MP3A	Z	-5.034	-5.034	0	%100
95	MP5C	X	-7.202	-7.202	0	%100
96	MP5C	Z	-4.158	-4.158	0	%100
97	MP4C	X	-7.202	-7.202	0	%100
98	MP4C	Z	-4.158	-4.158	0	%100
99	MP2C	X	-7.202	-7.202	0	%100
100	MP2C	Z	-4.158	-4.158	0	%100
101	MP1C	X	-7.202	-7.202	0	%100
102	MP1C	Z	-4.158	-4.158	0	%100
103	MP3C	X	-8.718	-8.718	0	%100
104	MP3C	Z	-5.034	-5.034	0	%100
105	MP5B	X	-7.202	-7.202	0	%100
106	MP5B	Z	-4.158	-4.158	0	%100
107	MP4B	X	-7.202	-7.202	0	%100
108	MP4B	Z	-4.158	-4.158	0	%100
109	MP2B	X	-7.202	-7.202	0	%100
110	MP2B	Z	-4.158	-4.158	0	%100
111	MP1B	X	-7.202	-7.202	0	%100
112	MP1B	Z	-4.158	-4.158	0	%100
113	MP3B	X	-8.718	-8.718	0	%100
114	MP3B	Z	-5.034	-5.034	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,%]
115	M130	X	-1.269	-1.269	0	%100
116	M130	Z	-.732	-.732	0	%100
117	M131	X	-1.269	-1.269	0	%100
118	M131	Z	-.732	-.732	0	%100
119	M134	X	-5.074	-5.074	0	%100
120	M134	Z	-2.93	-2.93	0	%100
121	OVP	X	-6.563	-6.563	0	%100
122	OVP	Z	-3.789	-3.789	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	-4.596	-4.596	0	%100
2	M1	Z	-7.96	-7.96	0	%100
3	M4	X	-1.556	-1.556	0	%100
4	M4	Z	-2.695	-2.695	0	%100
5	M10	X	-3.95	-3.95	0	%100
6	M10	Z	-6.842	-6.842	0	%100
7	M43	X	-3.95	-3.95	0	%100
8	M43	Z	-6.842	-6.842	0	%100
9	M46	X	-7.879	-7.879	0	%100
10	M46	Z	-13.646	-13.646	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-4.375	-4.375	0	%100
14	M52B	Z	-7.578	-7.578	0	%100
15	M76	X	-2.626	-2.626	0	%100
16	M76	Z	-4.549	-4.549	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-2.626	-2.626	0	%100
22	M84	Z	-4.549	-4.549	0	%100
23	M85	X	-8.025	-8.025	0	%100
24	M85	Z	-13.899	-13.899	0	%100
25	M91	X	-8.452	-8.452	0	%100
26	M91	Z	-14.639	-14.639	0	%100
27	M26	X	-6.224	-6.224	0	%100
28	M26	Z	-10.78	-10.78	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	-4.375	-4.375	0	%100
36	M32	Z	-7.578	-7.578	0	%100
37	M33	X	-4.375	-4.375	0	%100
38	M33	Z	-7.578	-7.578	0	%100
39	M37	X	-10.505	-10.505	0	%100
40	M37	Z	-18.195	-18.195	0	%100
41	M38	X	-8.025	-8.025	0	%100
42	M38	Z	-13.899	-13.899	0	%100
43	M40	X	-8.452	-8.452	0	%100
44	M40	Z	-14.639	-14.639	0	%100
45	M42	X	-10.505	-10.505	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,%]
46	M42	Z	-18.195	-18.195	0	%100
47	M43A	X	-8.025	-8.025	0	%100
48	M43A	Z	-13.899	-13.899	0	%100
49	M45	X	-8.452	-8.452	0	%100
50	M45	Z	-14.639	-14.639	0	%100
51	M50A	X	-1.556	-1.556	0	%100
52	M50A	Z	-2.695	-2.695	0	%100
53	M51C	X	-3.95	-3.95	0	%100
54	M51C	Z	-6.842	-6.842	0	%100
55	M52A	X	-3.95	-3.95	0	%100
56	M52A	Z	-6.842	-6.842	0	%100
57	M53	X	-7.879	-7.879	0	%100
58	M53	Z	-13.646	-13.646	0	%100
59	M56	X	-4.375	-4.375	0	%100
60	M56	Z	-7.578	-7.578	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	-2.626	-2.626	0	%100
64	M61	Z	-4.549	-4.549	0	%100
65	M62	X	-8.025	-8.025	0	%100
66	M62	Z	-13.899	-13.899	0	%100
67	M64	X	-8.452	-8.452	0	%100
68	M64	Z	-14.639	-14.639	0	%100
69	M66	X	-2.626	-2.626	0	%100
70	M66	Z	-4.549	-4.549	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-4.596	-4.596	0	%100
78	M75	Z	-7.96	-7.96	0	%100
79	M79B	X	-3.119	-3.119	0	%100
80	M79B	Z	-5.402	-5.402	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-3.119	-3.119	0	%100
84	M78	Z	-5.402	-5.402	0	%100
85	MP5A	X	-4.158	-4.158	0	%100
86	MP5A	Z	-7.202	-7.202	0	%100
87	MP4A	X	-4.158	-4.158	0	%100
88	MP4A	Z	-7.202	-7.202	0	%100
89	MP2A	X	-4.158	-4.158	0	%100
90	MP2A	Z	-7.202	-7.202	0	%100
91	MP1A	X	-4.158	-4.158	0	%100
92	MP1A	Z	-7.202	-7.202	0	%100
93	MP3A	X	-5.034	-5.034	0	%100
94	MP3A	Z	-8.718	-8.718	0	%100
95	MP5C	X	-4.158	-4.158	0	%100
96	MP5C	Z	-7.202	-7.202	0	%100
97	MP4C	X	-4.158	-4.158	0	%100
98	MP4C	Z	-7.202	-7.202	0	%100
99	MP2C	X	-4.158	-4.158	0	%100
100	MP2C	Z	-7.202	-7.202	0	%100
101	MP1C	X	-4.158	-4.158	0	%100
102	MP1C	Z	-7.202	-7.202	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,%]
103	MP3C	X	-5.034	-5.034	0	%100
104	MP3C	Z	-8.718	-8.718	0	%100
105	MP5B	X	-4.158	-4.158	0	%100
106	MP5B	Z	-7.202	-7.202	0	%100
107	MP4B	X	-4.158	-4.158	0	%100
108	MP4B	Z	-7.202	-7.202	0	%100
109	MP2B	X	-4.158	-4.158	0	%100
110	MP2B	Z	-7.202	-7.202	0	%100
111	MP1B	X	-4.158	-4.158	0	%100
112	MP1B	Z	-7.202	-7.202	0	%100
113	MP3B	X	-5.034	-5.034	0	%100
114	MP3B	Z	-8.718	-8.718	0	%100
115	M130	X	-2.197	-2.197	0	%100
116	M130	Z	-3.806	-3.806	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-2.197	-2.197	0	%100
120	M134	Z	-3.806	-3.806	0	%100
121	OVP	X	-3.789	-3.789	0	%100
122	OVP	Z	-6.563	-6.563	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	-3.551	-3.551	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.914	-2.914	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-2.914	-2.914	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	-4.551	-4.551	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.838	-.838	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.838	-.838	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-1.136	-1.136	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-1.186	-1.186	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-1.136	-1.136	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-1.186	-1.186	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-2.688	-2.688	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.728	-.728	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-.728	-.728	0	%100
33	M29	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,%]
34	M29	Z	-1.138	-1.138	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-.838	-.838	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	-3.352	-3.352	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-3.358	-3.358	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-1.136	-1.136	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-1.186	-1.186	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-3.358	-3.358	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-4.545	-4.545	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-4.743	-4.743	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-2.688	-2.688	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-.728	-.728	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-.728	-.728	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.138	-1.138	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-3.352	-3.352	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-.838	-.838	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-3.358	-3.358	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	-4.545	-4.545	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-4.743	-4.743	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-3.358	-3.358	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	-1.136	-1.136	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-1.186	-1.186	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-.888	-.888	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-.888	-.888	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	-2.867	-2.867	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.717	-.717	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-.717	-.717	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	-2.867	-2.867	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-2.867	-2.867	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	-2.867	-2.867	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,%]
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-2.867	-2.867	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-3.171	-3.171	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	-2.867	-2.867	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-2.867	-2.867	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-2.867	-2.867	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	-2.867	-2.867	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-3.171	-3.171	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	-2.867	-2.867	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-2.867	-2.867	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-2.867	-2.867	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	-2.867	-2.867	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-3.171	-3.171	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	-2.023	-2.023	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-.506	-.506	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-.506	-.506	0	%100
121	OVP	X	0	0	0	%100
122	OVP	Z	-2.62	-2.62	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	1.332	1.332	0	%100
2	M1	Z	-2.306	-2.306	0	%100
3	M4	X	.448	.448	0	%100
4	M4	Z	-.776	-.776	0	%100
5	M10	X	1.093	1.093	0	%100
6	M10	Z	-1.893	-1.893	0	%100
7	M43	X	1.093	1.093	0	%100
8	M43	Z	-1.893	-1.893	0	%100
9	M46	X	1.707	1.707	0	%100
10	M46	Z	-2.956	-2.956	0	%100
11	M51B	X	1.257	1.257	0	%100
12	M51B	Z	-2.177	-2.177	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.56	.56	0	%100
16	M76	Z	-.969	-.969	0	%100
17	M77	X	1.704	1.704	0	%100
18	M77	Z	-2.952	-2.952	0	%100
19	M80	X	1.779	1.779	0	%100
20	M80	Z	-3.081	-3.081	0	%100
21	M84	X	.56	.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M84	Z	-.969	-.969	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.448	.448	0	%100
28	M26	Z	-.776	-.776	0	%100
29	M27	X	1.093	1.093	0	%100
30	M27	Z	-1.893	-1.893	0	%100
31	M28	X	1.093	1.093	0	%100
32	M28	Z	-1.893	-1.893	0	%100
33	M29	X	1.707	1.707	0	%100
34	M29	Z	-2.956	-2.956	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	1.257	1.257	0	%100
38	M33	Z	-2.177	-2.177	0	%100
39	M37	X	.56	.56	0	%100
40	M37	Z	-.969	-.969	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	.56	.56	0	%100
46	M42	Z	-.969	-.969	0	%100
47	M43A	X	1.704	1.704	0	%100
48	M43A	Z	-2.952	-2.952	0	%100
49	M45	X	1.779	1.779	0	%100
50	M45	Z	-3.081	-3.081	0	%100
51	M50A	X	1.792	1.792	0	%100
52	M50A	Z	-3.104	-3.104	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	1.257	1.257	0	%100
60	M56	Z	-2.177	-2.177	0	%100
61	M57	X	1.257	1.257	0	%100
62	M57	Z	-2.177	-2.177	0	%100
63	M61	X	2.239	2.239	0	%100
64	M61	Z	-3.878	-3.878	0	%100
65	M62	X	1.704	1.704	0	%100
66	M62	Z	-2.952	-2.952	0	%100
67	M64	X	1.779	1.779	0	%100
68	M64	Z	-3.081	-3.081	0	%100
69	M66	X	2.239	2.239	0	%100
70	M66	Z	-3.878	-3.878	0	%100
71	M67	X	1.704	1.704	0	%100
72	M67	Z	-2.952	-2.952	0	%100
73	M69	X	1.779	1.779	0	%100
74	M69	Z	-3.081	-3.081	0	%100
75	M74	X	1.332	1.332	0	%100
76	M74	Z	-2.306	-2.306	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M79B	X	1.075	1.075	0	%100
80	M79B	Z	-1.862	-1.862	0	%100
81	M77A	X	1.075	1.075	0	%100
82	M77A	Z	-1.862	-1.862	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	1.434	1.434	0	%100
86	MP5A	Z	-2.483	-2.483	0	%100
87	MP4A	X	1.434	1.434	0	%100
88	MP4A	Z	-2.483	-2.483	0	%100
89	MP2A	X	1.434	1.434	0	%100
90	MP2A	Z	-2.483	-2.483	0	%100
91	MP1A	X	1.434	1.434	0	%100
92	MP1A	Z	-2.483	-2.483	0	%100
93	MP3A	X	1.586	1.586	0	%100
94	MP3A	Z	-2.746	-2.746	0	%100
95	MP5C	X	1.434	1.434	0	%100
96	MP5C	Z	-2.483	-2.483	0	%100
97	MP4C	X	1.434	1.434	0	%100
98	MP4C	Z	-2.483	-2.483	0	%100
99	MP2C	X	1.434	1.434	0	%100
100	MP2C	Z	-2.483	-2.483	0	%100
101	MP1C	X	1.434	1.434	0	%100
102	MP1C	Z	-2.483	-2.483	0	%100
103	MP3C	X	1.586	1.586	0	%100
104	MP3C	Z	-2.746	-2.746	0	%100
105	MP5B	X	1.434	1.434	0	%100
106	MP5B	Z	-2.483	-2.483	0	%100
107	MP4B	X	1.434	1.434	0	%100
108	MP4B	Z	-2.483	-2.483	0	%100
109	MP2B	X	1.434	1.434	0	%100
110	MP2B	Z	-2.483	-2.483	0	%100
111	MP1B	X	1.434	1.434	0	%100
112	MP1B	Z	-2.483	-2.483	0	%100
113	MP3B	X	1.586	1.586	0	%100
114	MP3B	Z	-2.746	-2.746	0	%100
115	M130	X	.759	.759	0	%100
116	M130	Z	-1.314	-1.314	0	%100
117	M131	X	.759	.759	0	%100
118	M131	Z	-1.314	-1.314	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	1.31	1.31	0	%100
122	OVP	Z	-2.269	-2.269	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	.769	.769	0	%100
2	M1	Z	-.444	-.444	0	%100
3	M4	X	2.328	2.328	0	%100
4	M4	Z	-1.344	-1.344	0	%100
5	M10	X	.631	.631	0	%100
6	M10	Z	-.364	-.364	0	%100
7	M43	X	.631	.631	0	%100
8	M43	Z	-.364	-.364	0	%100
9	M46	X	.985	.985	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,%]
10	M46	Z	-.569	-.569	0	%100
11	M51B	X	2.903	2.903	0	%100
12	M51B	Z	-1.676	-1.676	0	%100
13	M52B	X	.726	.726	0	%100
14	M52B	Z	-.419	-.419	0	%100
15	M76	X	2.908	2.908	0	%100
16	M76	Z	-1.679	-1.679	0	%100
17	M77	X	3.936	3.936	0	%100
18	M77	Z	-2.273	-2.273	0	%100
19	M80	X	4.108	4.108	0	%100
20	M80	Z	-2.372	-2.372	0	%100
21	M84	X	2.908	2.908	0	%100
22	M84	Z	-1.679	-1.679	0	%100
23	M85	X	.984	.984	0	%100
24	M85	Z	-.568	-.568	0	%100
25	M91	X	1.027	1.027	0	%100
26	M91	Z	-.593	-.593	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	2.523	2.523	0	%100
30	M27	Z	-1.457	-1.457	0	%100
31	M28	X	2.523	2.523	0	%100
32	M28	Z	-1.457	-1.457	0	%100
33	M29	X	3.941	3.941	0	%100
34	M29	Z	-2.276	-2.276	0	%100
35	M32	X	.726	.726	0	%100
36	M32	Z	-.419	-.419	0	%100
37	M33	X	.726	.726	0	%100
38	M33	Z	-.419	-.419	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	.984	.984	0	%100
42	M38	Z	-.568	-.568	0	%100
43	M40	X	1.027	1.027	0	%100
44	M40	Z	-.593	-.593	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	.984	.984	0	%100
48	M43A	Z	-.568	-.568	0	%100
49	M45	X	1.027	1.027	0	%100
50	M45	Z	-.593	-.593	0	%100
51	M50A	X	2.328	2.328	0	%100
52	M50A	Z	-1.344	-1.344	0	%100
53	M51C	X	.631	.631	0	%100
54	M51C	Z	-.364	-.364	0	%100
55	M52A	X	.631	.631	0	%100
56	M52A	Z	-.364	-.364	0	%100
57	M53	X	.985	.985	0	%100
58	M53	Z	-.569	-.569	0	%100
59	M56	X	.726	.726	0	%100
60	M56	Z	-.419	-.419	0	%100
61	M57	X	2.903	2.903	0	%100
62	M57	Z	-1.676	-1.676	0	%100
63	M61	X	2.908	2.908	0	%100
64	M61	Z	-1.679	-1.679	0	%100
65	M62	X	.984	.984	0	%100
66	M62	Z	-.568	-.568	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,%]
67	M64	X	1.027	1.027	0	%100
68	M64	Z	-.593	-.593	0	%100
69	M66	X	2.908	2.908	0	%100
70	M66	Z	-1.679	-1.679	0	%100
71	M67	X	3.936	3.936	0	%100
72	M67	Z	-2.273	-2.273	0	%100
73	M69	X	4.108	4.108	0	%100
74	M69	Z	-2.372	-2.372	0	%100
75	M74	X	3.075	3.075	0	%100
76	M74	Z	-1.775	-1.775	0	%100
77	M75	X	.769	.769	0	%100
78	M75	Z	-.444	-.444	0	%100
79	M79B	X	.621	.621	0	%100
80	M79B	Z	-.358	-.358	0	%100
81	M77A	X	2.483	2.483	0	%100
82	M77A	Z	-1.434	-1.434	0	%100
83	M78	X	.621	.621	0	%100
84	M78	Z	-.358	-.358	0	%100
85	MP5A	X	2.483	2.483	0	%100
86	MP5A	Z	-1.434	-1.434	0	%100
87	MP4A	X	2.483	2.483	0	%100
88	MP4A	Z	-1.434	-1.434	0	%100
89	MP2A	X	2.483	2.483	0	%100
90	MP2A	Z	-1.434	-1.434	0	%100
91	MP1A	X	2.483	2.483	0	%100
92	MP1A	Z	-1.434	-1.434	0	%100
93	MP3A	X	2.746	2.746	0	%100
94	MP3A	Z	-1.586	-1.586	0	%100
95	MP5C	X	2.483	2.483	0	%100
96	MP5C	Z	-1.434	-1.434	0	%100
97	MP4C	X	2.483	2.483	0	%100
98	MP4C	Z	-1.434	-1.434	0	%100
99	MP2C	X	2.483	2.483	0	%100
100	MP2C	Z	-1.434	-1.434	0	%100
101	MP1C	X	2.483	2.483	0	%100
102	MP1C	Z	-1.434	-1.434	0	%100
103	MP3C	X	2.746	2.746	0	%100
104	MP3C	Z	-1.586	-1.586	0	%100
105	MP5B	X	2.483	2.483	0	%100
106	MP5B	Z	-1.434	-1.434	0	%100
107	MP4B	X	2.483	2.483	0	%100
108	MP4B	Z	-1.434	-1.434	0	%100
109	MP2B	X	2.483	2.483	0	%100
110	MP2B	Z	-1.434	-1.434	0	%100
111	MP1B	X	2.483	2.483	0	%100
112	MP1B	Z	-1.434	-1.434	0	%100
113	MP3B	X	2.746	2.746	0	%100
114	MP3B	Z	-1.586	-1.586	0	%100
115	M130	X	.438	.438	0	%100
116	M130	Z	-.253	-.253	0	%100
117	M131	X	1.752	1.752	0	%100
118	M131	Z	-1.012	-1.012	0	%100
119	M134	X	.438	.438	0	%100
120	M134	Z	-.253	-.253	0	%100
121	OVP	X	2.269	2.269	0	%100
122	OVP	Z	-1.31	-1.31	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	M4	X	3.584	3.584	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	2.514	2.514	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	2.514	2.514	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	4.478	4.478	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	3.409	3.409	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	3.557	3.557	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	4.478	4.478	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	3.409	3.409	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	3.557	3.557	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.896	.896	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	2.185	2.185	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	2.185	2.185	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	3.413	3.413	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	2.514	2.514	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	1.119	1.119	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	3.409	3.409	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	3.557	3.557	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	1.119	1.119	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	0	0	0	%100
51	M50A	X	.896	.896	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	2.185	2.185	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	2.185	2.185	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	3.413	3.413	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,%]
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M57	X	2.514	2.514	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	1.119	1.119	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M66	X	1.119	1.119	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	3.409	3.409	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	3.557	3.557	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	2.663	2.663	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	2.663	2.663	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	2.15	2.15	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	2.15	2.15	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	2.867	2.867	0	%100
86	MP5A	Z	0	0	0	%100
87	MP4A	X	2.867	2.867	0	%100
88	MP4A	Z	0	0	0	%100
89	MP2A	X	2.867	2.867	0	%100
90	MP2A	Z	0	0	0	%100
91	MP1A	X	2.867	2.867	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	3.171	3.171	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	X	2.867	2.867	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	2.867	2.867	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	2.867	2.867	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	2.867	2.867	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	X	3.171	3.171	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	2.867	2.867	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	2.867	2.867	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	2.867	2.867	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	2.867	2.867	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	3.171	3.171	0	%100
114	MP3B	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,%]
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	1.518	1.518	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	1.518	1.518	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	2.62	2.62	0	%100
122	OVP	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	.769	.769	0	%100
2	M1	Z	.444	.444	0	%100
3	M4	X	2.328	2.328	0	%100
4	M4	Z	1.344	1.344	0	%100
5	M10	X	.631	.631	0	%100
6	M10	Z	.364	.364	0	%100
7	M43	X	.631	.631	0	%100
8	M43	Z	.364	.364	0	%100
9	M46	X	.985	.985	0	%100
10	M46	Z	.569	.569	0	%100
11	M51B	X	.726	.726	0	%100
12	M51B	Z	.419	.419	0	%100
13	M52B	X	2.903	2.903	0	%100
14	M52B	Z	1.676	1.676	0	%100
15	M76	X	2.908	2.908	0	%100
16	M76	Z	1.679	1.679	0	%100
17	M77	X	.984	.984	0	%100
18	M77	Z	.568	.568	0	%100
19	M80	X	1.027	1.027	0	%100
20	M80	Z	.593	.593	0	%100
21	M84	X	2.908	2.908	0	%100
22	M84	Z	1.679	1.679	0	%100
23	M85	X	3.936	3.936	0	%100
24	M85	Z	2.273	2.273	0	%100
25	M91	X	4.108	4.108	0	%100
26	M91	Z	2.372	2.372	0	%100
27	M26	X	2.328	2.328	0	%100
28	M26	Z	1.344	1.344	0	%100
29	M27	X	.631	.631	0	%100
30	M27	Z	.364	.364	0	%100
31	M28	X	.631	.631	0	%100
32	M28	Z	.364	.364	0	%100
33	M29	X	.985	.985	0	%100
34	M29	Z	.569	.569	0	%100
35	M32	X	2.903	2.903	0	%100
36	M32	Z	1.676	1.676	0	%100
37	M33	X	.726	.726	0	%100
38	M33	Z	.419	.419	0	%100
39	M37	X	2.908	2.908	0	%100
40	M37	Z	1.679	1.679	0	%100
41	M38	X	3.936	3.936	0	%100
42	M38	Z	2.273	2.273	0	%100
43	M40	X	4.108	4.108	0	%100
44	M40	Z	2.372	2.372	0	%100
45	M42	X	2.908	2.908	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,%]
46	M42	Z	1.679	1.679	0	%100
47	M43A	X	.984	.984	0	%100
48	M43A	Z	.568	.568	0	%100
49	M45	X	1.027	1.027	0	%100
50	M45	Z	.593	.593	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	2.523	2.523	0	%100
54	M51C	Z	1.457	1.457	0	%100
55	M52A	X	2.523	2.523	0	%100
56	M52A	Z	1.457	1.457	0	%100
57	M53	X	3.941	3.941	0	%100
58	M53	Z	2.276	2.276	0	%100
59	M56	X	.726	.726	0	%100
60	M56	Z	.419	.419	0	%100
61	M57	X	.726	.726	0	%100
62	M57	Z	.419	.419	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	.984	.984	0	%100
66	M62	Z	.568	.568	0	%100
67	M64	X	1.027	1.027	0	%100
68	M64	Z	.593	.593	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	.984	.984	0	%100
72	M67	Z	.568	.568	0	%100
73	M69	X	1.027	1.027	0	%100
74	M69	Z	.593	.593	0	%100
75	M74	X	.769	.769	0	%100
76	M74	Z	.444	.444	0	%100
77	M75	X	3.075	3.075	0	%100
78	M75	Z	1.775	1.775	0	%100
79	M79B	X	.621	.621	0	%100
80	M79B	Z	.358	.358	0	%100
81	M77A	X	.621	.621	0	%100
82	M77A	Z	.358	.358	0	%100
83	M78	X	2.483	2.483	0	%100
84	M78	Z	1.434	1.434	0	%100
85	MP5A	X	2.483	2.483	0	%100
86	MP5A	Z	1.434	1.434	0	%100
87	MP4A	X	2.483	2.483	0	%100
88	MP4A	Z	1.434	1.434	0	%100
89	MP2A	X	2.483	2.483	0	%100
90	MP2A	Z	1.434	1.434	0	%100
91	MP1A	X	2.483	2.483	0	%100
92	MP1A	Z	1.434	1.434	0	%100
93	MP3A	X	2.746	2.746	0	%100
94	MP3A	Z	1.586	1.586	0	%100
95	MP5C	X	2.483	2.483	0	%100
96	MP5C	Z	1.434	1.434	0	%100
97	MP4C	X	2.483	2.483	0	%100
98	MP4C	Z	1.434	1.434	0	%100
99	MP2C	X	2.483	2.483	0	%100
100	MP2C	Z	1.434	1.434	0	%100
101	MP1C	X	2.483	2.483	0	%100
102	MP1C	Z	1.434	1.434	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,%]
103	MP3C	X	2.746	2.746	0	%100
104	MP3C	Z	1.586	1.586	0	%100
105	MP5B	X	2.483	2.483	0	%100
106	MP5B	Z	1.434	1.434	0	%100
107	MP4B	X	2.483	2.483	0	%100
108	MP4B	Z	1.434	1.434	0	%100
109	MP2B	X	2.483	2.483	0	%100
110	MP2B	Z	1.434	1.434	0	%100
111	MP1B	X	2.483	2.483	0	%100
112	MP1B	Z	1.434	1.434	0	%100
113	MP3B	X	2.746	2.746	0	%100
114	MP3B	Z	1.586	1.586	0	%100
115	M130	X	.438	.438	0	%100
116	M130	Z	.253	.253	0	%100
117	M131	X	.438	.438	0	%100
118	M131	Z	.253	.253	0	%100
119	M134	X	1.752	1.752	0	%100
120	M134	Z	1.012	1.012	0	%100
121	OVP	X	2.269	2.269	0	%100
122	OVP	Z	1.31	1.31	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	1.332	1.332	0	%100
2	M1	Z	2.306	2.306	0	%100
3	M4	X	.448	.448	0	%100
4	M4	Z	.776	.776	0	%100
5	M10	X	1.093	1.093	0	%100
6	M10	Z	1.893	1.893	0	%100
7	M43	X	1.093	1.093	0	%100
8	M43	Z	1.893	1.893	0	%100
9	M46	X	1.707	1.707	0	%100
10	M46	Z	2.956	2.956	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	1.257	1.257	0	%100
14	M52B	Z	2.177	2.177	0	%100
15	M76	X	.56	.56	0	%100
16	M76	Z	.969	.969	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.56	.56	0	%100
22	M84	Z	.969	.969	0	%100
23	M85	X	1.704	1.704	0	%100
24	M85	Z	2.952	2.952	0	%100
25	M91	X	1.779	1.779	0	%100
26	M91	Z	3.081	3.081	0	%100
27	M26	X	1.792	1.792	0	%100
28	M26	Z	3.104	3.104	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	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,%]
34	M29	Z	0	0	0	%100
35	M32	X	1.257	1.257	0	%100
36	M32	Z	2.177	2.177	0	%100
37	M33	X	1.257	1.257	0	%100
38	M33	Z	2.177	2.177	0	%100
39	M37	X	2.239	2.239	0	%100
40	M37	Z	3.878	3.878	0	%100
41	M38	X	1.704	1.704	0	%100
42	M38	Z	2.952	2.952	0	%100
43	M40	X	1.779	1.779	0	%100
44	M40	Z	3.081	3.081	0	%100
45	M42	X	2.239	2.239	0	%100
46	M42	Z	3.878	3.878	0	%100
47	M43A	X	1.704	1.704	0	%100
48	M43A	Z	2.952	2.952	0	%100
49	M45	X	1.779	1.779	0	%100
50	M45	Z	3.081	3.081	0	%100
51	M50A	X	.448	.448	0	%100
52	M50A	Z	.776	.776	0	%100
53	M51C	X	1.093	1.093	0	%100
54	M51C	Z	1.893	1.893	0	%100
55	M52A	X	1.093	1.093	0	%100
56	M52A	Z	1.893	1.893	0	%100
57	M53	X	1.707	1.707	0	%100
58	M53	Z	2.956	2.956	0	%100
59	M56	X	1.257	1.257	0	%100
60	M56	Z	2.177	2.177	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	.56	.56	0	%100
64	M61	Z	.969	.969	0	%100
65	M62	X	1.704	1.704	0	%100
66	M62	Z	2.952	2.952	0	%100
67	M64	X	1.779	1.779	0	%100
68	M64	Z	3.081	3.081	0	%100
69	M66	X	.56	.56	0	%100
70	M66	Z	.969	.969	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	1.332	1.332	0	%100
78	M75	Z	2.306	2.306	0	%100
79	M79B	X	1.075	1.075	0	%100
80	M79B	Z	1.862	1.862	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	1.075	1.075	0	%100
84	M78	Z	1.862	1.862	0	%100
85	MP5A	X	1.434	1.434	0	%100
86	MP5A	Z	2.483	2.483	0	%100
87	MP4A	X	1.434	1.434	0	%100
88	MP4A	Z	2.483	2.483	0	%100
89	MP2A	X	1.434	1.434	0	%100
90	MP2A	Z	2.483	2.483	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,%]
91	MP1A	X	1.434	1.434	0	%100
92	MP1A	Z	2.483	2.483	0	%100
93	MP3A	X	1.586	1.586	0	%100
94	MP3A	Z	2.746	2.746	0	%100
95	MP5C	X	1.434	1.434	0	%100
96	MP5C	Z	2.483	2.483	0	%100
97	MP4C	X	1.434	1.434	0	%100
98	MP4C	Z	2.483	2.483	0	%100
99	MP2C	X	1.434	1.434	0	%100
100	MP2C	Z	2.483	2.483	0	%100
101	MP1C	X	1.434	1.434	0	%100
102	MP1C	Z	2.483	2.483	0	%100
103	MP3C	X	1.586	1.586	0	%100
104	MP3C	Z	2.746	2.746	0	%100
105	MP5B	X	1.434	1.434	0	%100
106	MP5B	Z	2.483	2.483	0	%100
107	MP4B	X	1.434	1.434	0	%100
108	MP4B	Z	2.483	2.483	0	%100
109	MP2B	X	1.434	1.434	0	%100
110	MP2B	Z	2.483	2.483	0	%100
111	MP1B	X	1.434	1.434	0	%100
112	MP1B	Z	2.483	2.483	0	%100
113	MP3B	X	1.586	1.586	0	%100
114	MP3B	Z	2.746	2.746	0	%100
115	M130	X	.759	.759	0	%100
116	M130	Z	1.314	1.314	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	.759	.759	0	%100
120	M134	Z	1.314	1.314	0	%100
121	OVP	X	1.31	1.31	0	%100
122	OVP	Z	2.269	2.269	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	3.551	3.551	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.914	2.914	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	2.914	2.914	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	4.551	4.551	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.838	.838	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.838	.838	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	1.136	1.136	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	1.186	1.186	0	%100
21	M84	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,%]
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	1.136	1.136	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	1.186	1.186	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	2.688	2.688	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.728	.728	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.728	.728	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	1.138	1.138	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	.838	.838	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	3.352	3.352	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	3.358	3.358	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	1.136	1.136	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	1.186	1.186	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	3.358	3.358	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	4.545	4.545	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	4.743	4.743	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	2.688	2.688	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	.728	.728	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	.728	.728	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.138	1.138	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	3.352	3.352	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	.838	.838	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	3.358	3.358	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	4.545	4.545	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	4.743	4.743	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	3.358	3.358	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	1.136	1.136	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	1.186	1.186	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.888	.888	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.888	.888	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,%]
79	M79B	X	0	0	0	%100
80	M79B	Z	2.867	2.867	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.717	.717	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.717	.717	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	2.867	2.867	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	2.867	2.867	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	2.867	2.867	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	2.867	2.867	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	3.171	3.171	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	2.867	2.867	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	2.867	2.867	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	2.867	2.867	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	2.867	2.867	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	3.171	3.171	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	2.867	2.867	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	2.867	2.867	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	2.867	2.867	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	2.867	2.867	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	3.171	3.171	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	2.023	2.023	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	.506	.506	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	.506	.506	0	%100
121	OVP	X	0	0	0	%100
122	OVP	Z	2.62	2.62	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	-1.332	-1.332	0	%100
2	M1	Z	2.306	2.306	0	%100
3	M4	X	-.448	-.448	0	%100
4	M4	Z	.776	.776	0	%100
5	M10	X	-1.093	-1.093	0	%100
6	M10	Z	1.893	1.893	0	%100
7	M43	X	-1.093	-1.093	0	%100
8	M43	Z	1.893	1.893	0	%100
9	M46	X	-1.707	-1.707	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,%]
10	M46	Z	2.956	2.956	0	%100
11	M51B	X	-1.257	-1.257	0	%100
12	M51B	Z	2.177	2.177	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.56	-.56	0	%100
16	M76	Z	.969	.969	0	%100
17	M77	X	-1.704	-1.704	0	%100
18	M77	Z	2.952	2.952	0	%100
19	M80	X	-1.779	-1.779	0	%100
20	M80	Z	3.081	3.081	0	%100
21	M84	X	-.56	-.56	0	%100
22	M84	Z	.969	.969	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.448	-.448	0	%100
28	M26	Z	.776	.776	0	%100
29	M27	X	-1.093	-1.093	0	%100
30	M27	Z	1.893	1.893	0	%100
31	M28	X	-1.093	-1.093	0	%100
32	M28	Z	1.893	1.893	0	%100
33	M29	X	-1.707	-1.707	0	%100
34	M29	Z	2.956	2.956	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	-1.257	-1.257	0	%100
38	M33	Z	2.177	2.177	0	%100
39	M37	X	-.56	-.56	0	%100
40	M37	Z	.969	.969	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-.56	-.56	0	%100
46	M42	Z	.969	.969	0	%100
47	M43A	X	-1.704	-1.704	0	%100
48	M43A	Z	2.952	2.952	0	%100
49	M45	X	-1.779	-1.779	0	%100
50	M45	Z	3.081	3.081	0	%100
51	M50A	X	-1.792	-1.792	0	%100
52	M50A	Z	3.104	3.104	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	-1.257	-1.257	0	%100
60	M56	Z	2.177	2.177	0	%100
61	M57	X	-1.257	-1.257	0	%100
62	M57	Z	2.177	2.177	0	%100
63	M61	X	-2.239	-2.239	0	%100
64	M61	Z	3.878	3.878	0	%100
65	M62	X	-1.704	-1.704	0	%100
66	M62	Z	2.952	2.952	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,%]
67	M64	X	-1.779	-1.779	0	%100
68	M64	Z	3.081	3.081	0	%100
69	M66	X	-2.239	-2.239	0	%100
70	M66	Z	3.878	3.878	0	%100
71	M67	X	-1.704	-1.704	0	%100
72	M67	Z	2.952	2.952	0	%100
73	M69	X	-1.779	-1.779	0	%100
74	M69	Z	3.081	3.081	0	%100
75	M74	X	-1.332	-1.332	0	%100
76	M74	Z	2.306	2.306	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	-1.075	-1.075	0	%100
80	M79B	Z	1.862	1.862	0	%100
81	M77A	X	-1.075	-1.075	0	%100
82	M77A	Z	1.862	1.862	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	-1.434	-1.434	0	%100
86	MP5A	Z	2.483	2.483	0	%100
87	MP4A	X	-1.434	-1.434	0	%100
88	MP4A	Z	2.483	2.483	0	%100
89	MP2A	X	-1.434	-1.434	0	%100
90	MP2A	Z	2.483	2.483	0	%100
91	MP1A	X	-1.434	-1.434	0	%100
92	MP1A	Z	2.483	2.483	0	%100
93	MP3A	X	-1.586	-1.586	0	%100
94	MP3A	Z	2.746	2.746	0	%100
95	MP5C	X	-1.434	-1.434	0	%100
96	MP5C	Z	2.483	2.483	0	%100
97	MP4C	X	-1.434	-1.434	0	%100
98	MP4C	Z	2.483	2.483	0	%100
99	MP2C	X	-1.434	-1.434	0	%100
100	MP2C	Z	2.483	2.483	0	%100
101	MP1C	X	-1.434	-1.434	0	%100
102	MP1C	Z	2.483	2.483	0	%100
103	MP3C	X	-1.586	-1.586	0	%100
104	MP3C	Z	2.746	2.746	0	%100
105	MP5B	X	-1.434	-1.434	0	%100
106	MP5B	Z	2.483	2.483	0	%100
107	MP4B	X	-1.434	-1.434	0	%100
108	MP4B	Z	2.483	2.483	0	%100
109	MP2B	X	-1.434	-1.434	0	%100
110	MP2B	Z	2.483	2.483	0	%100
111	MP1B	X	-1.434	-1.434	0	%100
112	MP1B	Z	2.483	2.483	0	%100
113	MP3B	X	-1.586	-1.586	0	%100
114	MP3B	Z	2.746	2.746	0	%100
115	M130	X	-.759	-.759	0	%100
116	M130	Z	1.314	1.314	0	%100
117	M131	X	-.759	-.759	0	%100
118	M131	Z	1.314	1.314	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-1.31	-1.31	0	%100
122	OVP	Z	2.269	2.269	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	-.769	-.769	0	%100
2	M1	Z	.444	.444	0	%100
3	M4	X	-2.328	-2.328	0	%100
4	M4	Z	1.344	1.344	0	%100
5	M10	X	-.631	-.631	0	%100
6	M10	Z	.364	.364	0	%100
7	M43	X	-.631	-.631	0	%100
8	M43	Z	.364	.364	0	%100
9	M46	X	-.985	-.985	0	%100
10	M46	Z	.569	.569	0	%100
11	M51B	X	-2.903	-2.903	0	%100
12	M51B	Z	1.676	1.676	0	%100
13	M52B	X	-.726	-.726	0	%100
14	M52B	Z	.419	.419	0	%100
15	M76	X	-2.908	-2.908	0	%100
16	M76	Z	1.679	1.679	0	%100
17	M77	X	-3.936	-3.936	0	%100
18	M77	Z	2.273	2.273	0	%100
19	M80	X	-4.108	-4.108	0	%100
20	M80	Z	2.372	2.372	0	%100
21	M84	X	-2.908	-2.908	0	%100
22	M84	Z	1.679	1.679	0	%100
23	M85	X	-.984	-.984	0	%100
24	M85	Z	.568	.568	0	%100
25	M91	X	-1.027	-1.027	0	%100
26	M91	Z	.593	.593	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-2.523	-2.523	0	%100
30	M27	Z	1.457	1.457	0	%100
31	M28	X	-2.523	-2.523	0	%100
32	M28	Z	1.457	1.457	0	%100
33	M29	X	-3.941	-3.941	0	%100
34	M29	Z	2.276	2.276	0	%100
35	M32	X	-.726	-.726	0	%100
36	M32	Z	.419	.419	0	%100
37	M33	X	-.726	-.726	0	%100
38	M33	Z	.419	.419	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-.984	-.984	0	%100
42	M38	Z	.568	.568	0	%100
43	M40	X	-1.027	-1.027	0	%100
44	M40	Z	.593	.593	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	-.984	-.984	0	%100
48	M43A	Z	.568	.568	0	%100
49	M45	X	-1.027	-1.027	0	%100
50	M45	Z	.593	.593	0	%100
51	M50A	X	-2.328	-2.328	0	%100
52	M50A	Z	1.344	1.344	0	%100
53	M51C	X	-.631	-.631	0	%100
54	M51C	Z	.364	.364	0	%100
55	M52A	X	-.631	-.631	0	%100
56	M52A	Z	.364	.364	0	%100
57	M53	X	-.985	-.985	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	.569	.569	0	%100
59	M56	X	-.726	-.726	0	%100
60	M56	Z	.419	.419	0	%100
61	M57	X	-2.903	-2.903	0	%100
62	M57	Z	1.676	1.676	0	%100
63	M61	X	-2.908	-2.908	0	%100
64	M61	Z	1.679	1.679	0	%100
65	M62	X	-.984	-.984	0	%100
66	M62	Z	.568	.568	0	%100
67	M64	X	-1.027	-1.027	0	%100
68	M64	Z	.593	.593	0	%100
69	M66	X	-2.908	-2.908	0	%100
70	M66	Z	1.679	1.679	0	%100
71	M67	X	-3.936	-3.936	0	%100
72	M67	Z	2.273	2.273	0	%100
73	M69	X	-4.108	-4.108	0	%100
74	M69	Z	2.372	2.372	0	%100
75	M74	X	-3.075	-3.075	0	%100
76	M74	Z	1.775	1.775	0	%100
77	M75	X	-.769	-.769	0	%100
78	M75	Z	.444	.444	0	%100
79	M79B	X	-.621	-.621	0	%100
80	M79B	Z	.358	.358	0	%100
81	M77A	X	-2.483	-2.483	0	%100
82	M77A	Z	1.434	1.434	0	%100
83	M78	X	-.621	-.621	0	%100
84	M78	Z	.358	.358	0	%100
85	MP5A	X	-2.483	-2.483	0	%100
86	MP5A	Z	1.434	1.434	0	%100
87	MP4A	X	-2.483	-2.483	0	%100
88	MP4A	Z	1.434	1.434	0	%100
89	MP2A	X	-2.483	-2.483	0	%100
90	MP2A	Z	1.434	1.434	0	%100
91	MP1A	X	-2.483	-2.483	0	%100
92	MP1A	Z	1.434	1.434	0	%100
93	MP3A	X	-2.746	-2.746	0	%100
94	MP3A	Z	1.586	1.586	0	%100
95	MP5C	X	-2.483	-2.483	0	%100
96	MP5C	Z	1.434	1.434	0	%100
97	MP4C	X	-2.483	-2.483	0	%100
98	MP4C	Z	1.434	1.434	0	%100
99	MP2C	X	-2.483	-2.483	0	%100
100	MP2C	Z	1.434	1.434	0	%100
101	MP1C	X	-2.483	-2.483	0	%100
102	MP1C	Z	1.434	1.434	0	%100
103	MP3C	X	-2.746	-2.746	0	%100
104	MP3C	Z	1.586	1.586	0	%100
105	MP5B	X	-2.483	-2.483	0	%100
106	MP5B	Z	1.434	1.434	0	%100
107	MP4B	X	-2.483	-2.483	0	%100
108	MP4B	Z	1.434	1.434	0	%100
109	MP2B	X	-2.483	-2.483	0	%100
110	MP2B	Z	1.434	1.434	0	%100
111	MP1B	X	-2.483	-2.483	0	%100
112	MP1B	Z	1.434	1.434	0	%100
113	MP3B	X	-2.746	-2.746	0	%100
114	MP3B	Z	1.586	1.586	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,%]
115	M130	X	-.438	-.438	0	%100
116	M130	Z	.253	.253	0	%100
117	M131	X	-1.752	-1.752	0	%100
118	M131	Z	1.012	1.012	0	%100
119	M134	X	-.438	-.438	0	%100
120	M134	Z	.253	.253	0	%100
121	OVP	X	-2.269	-2.269	0	%100
122	OVP	Z	1.31	1.31	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	M4	X	-3.584	-3.584	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-2.514	-2.514	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-2.514	-2.514	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-4.478	-4.478	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-3.409	-3.409	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-3.557	-3.557	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-4.478	-4.478	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	-3.409	-3.409	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-3.557	-3.557	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.896	-.896	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-2.185	-2.185	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-2.185	-2.185	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-3.413	-3.413	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	-2.514	-2.514	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	-1.119	-1.119	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-3.409	-3.409	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	-3.557	-3.557	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-1.119	-1.119	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,%]
46	M42	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	0	0	0	%100
51	M50A	X	-.896	-.896	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-2.185	-2.185	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-2.185	-2.185	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-3.413	-3.413	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M57	X	-2.514	-2.514	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	-1.119	-1.119	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M66	X	-1.119	-1.119	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-3.409	-3.409	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	-3.557	-3.557	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	-2.663	-2.663	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-2.663	-2.663	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	-2.15	-2.15	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-2.15	-2.15	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	-2.867	-2.867	0	%100
86	MP5A	Z	0	0	0	%100
87	MP4A	X	-2.867	-2.867	0	%100
88	MP4A	Z	0	0	0	%100
89	MP2A	X	-2.867	-2.867	0	%100
90	MP2A	Z	0	0	0	%100
91	MP1A	X	-2.867	-2.867	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	-3.171	-3.171	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	X	-2.867	-2.867	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	-2.867	-2.867	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	-2.867	-2.867	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	-2.867	-2.867	0	%100
102	MP1C	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,%]
103	MP3C	X	-3.171	-3.171	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	-2.867	-2.867	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	-2.867	-2.867	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	-2.867	-2.867	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	-2.867	-2.867	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	-3.171	-3.171	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	-1.518	-1.518	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-1.518	-1.518	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-2.62	-2.62	0	%100
122	OVP	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	-.769	-.769	0	%100
2	M1	Z	-.444	-.444	0	%100
3	M4	X	-2.328	-2.328	0	%100
4	M4	Z	-1.344	-1.344	0	%100
5	M10	X	-.631	-.631	0	%100
6	M10	Z	-.364	-.364	0	%100
7	M43	X	-.631	-.631	0	%100
8	M43	Z	-.364	-.364	0	%100
9	M46	X	-.985	-.985	0	%100
10	M46	Z	-.569	-.569	0	%100
11	M51B	X	-.726	-.726	0	%100
12	M51B	Z	-.419	-.419	0	%100
13	M52B	X	-2.903	-2.903	0	%100
14	M52B	Z	-1.676	-1.676	0	%100
15	M76	X	-2.908	-2.908	0	%100
16	M76	Z	-1.679	-1.679	0	%100
17	M77	X	-.984	-.984	0	%100
18	M77	Z	-.568	-.568	0	%100
19	M80	X	-1.027	-1.027	0	%100
20	M80	Z	-.593	-.593	0	%100
21	M84	X	-2.908	-2.908	0	%100
22	M84	Z	-1.679	-1.679	0	%100
23	M85	X	-3.936	-3.936	0	%100
24	M85	Z	-2.273	-2.273	0	%100
25	M91	X	-4.108	-4.108	0	%100
26	M91	Z	-2.372	-2.372	0	%100
27	M26	X	-2.328	-2.328	0	%100
28	M26	Z	-1.344	-1.344	0	%100
29	M27	X	-.631	-.631	0	%100
30	M27	Z	-.364	-.364	0	%100
31	M28	X	-.631	-.631	0	%100
32	M28	Z	-.364	-.364	0	%100
33	M29	X	-.985	-.985	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,%]
34	M29	Z	-.569	-.569	0	%100
35	M32	X	-2.903	-2.903	0	%100
36	M32	Z	-1.676	-1.676	0	%100
37	M33	X	-.726	-.726	0	%100
38	M33	Z	-.419	-.419	0	%100
39	M37	X	-2.908	-2.908	0	%100
40	M37	Z	-1.679	-1.679	0	%100
41	M38	X	-3.936	-3.936	0	%100
42	M38	Z	-2.273	-2.273	0	%100
43	M40	X	-4.108	-4.108	0	%100
44	M40	Z	-2.372	-2.372	0	%100
45	M42	X	-2.908	-2.908	0	%100
46	M42	Z	-1.679	-1.679	0	%100
47	M43A	X	-.984	-.984	0	%100
48	M43A	Z	-.568	-.568	0	%100
49	M45	X	-1.027	-1.027	0	%100
50	M45	Z	-.593	-.593	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-2.523	-2.523	0	%100
54	M51C	Z	-1.457	-1.457	0	%100
55	M52A	X	-2.523	-2.523	0	%100
56	M52A	Z	-1.457	-1.457	0	%100
57	M53	X	-3.941	-3.941	0	%100
58	M53	Z	-2.276	-2.276	0	%100
59	M56	X	-.726	-.726	0	%100
60	M56	Z	-.419	-.419	0	%100
61	M57	X	-.726	-.726	0	%100
62	M57	Z	-.419	-.419	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	-.984	-.984	0	%100
66	M62	Z	-.568	-.568	0	%100
67	M64	X	-1.027	-1.027	0	%100
68	M64	Z	-.593	-.593	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-.984	-.984	0	%100
72	M67	Z	-.568	-.568	0	%100
73	M69	X	-1.027	-1.027	0	%100
74	M69	Z	-.593	-.593	0	%100
75	M74	X	-.769	-.769	0	%100
76	M74	Z	-.444	-.444	0	%100
77	M75	X	-3.075	-3.075	0	%100
78	M75	Z	-1.775	-1.775	0	%100
79	M79B	X	-.621	-.621	0	%100
80	M79B	Z	-.358	-.358	0	%100
81	M77A	X	-.621	-.621	0	%100
82	M77A	Z	-.358	-.358	0	%100
83	M78	X	-2.483	-2.483	0	%100
84	M78	Z	-1.434	-1.434	0	%100
85	MP5A	X	-2.483	-2.483	0	%100
86	MP5A	Z	-1.434	-1.434	0	%100
87	MP4A	X	-2.483	-2.483	0	%100
88	MP4A	Z	-1.434	-1.434	0	%100
89	MP2A	X	-2.483	-2.483	0	%100
90	MP2A	Z	-1.434	-1.434	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,%]
91	MP1A	X	-2.483	-2.483	0	%100
92	MP1A	Z	-1.434	-1.434	0	%100
93	MP3A	X	-2.746	-2.746	0	%100
94	MP3A	Z	-1.586	-1.586	0	%100
95	MP5C	X	-2.483	-2.483	0	%100
96	MP5C	Z	-1.434	-1.434	0	%100
97	MP4C	X	-2.483	-2.483	0	%100
98	MP4C	Z	-1.434	-1.434	0	%100
99	MP2C	X	-2.483	-2.483	0	%100
100	MP2C	Z	-1.434	-1.434	0	%100
101	MP1C	X	-2.483	-2.483	0	%100
102	MP1C	Z	-1.434	-1.434	0	%100
103	MP3C	X	-2.746	-2.746	0	%100
104	MP3C	Z	-1.586	-1.586	0	%100
105	MP5B	X	-2.483	-2.483	0	%100
106	MP5B	Z	-1.434	-1.434	0	%100
107	MP4B	X	-2.483	-2.483	0	%100
108	MP4B	Z	-1.434	-1.434	0	%100
109	MP2B	X	-2.483	-2.483	0	%100
110	MP2B	Z	-1.434	-1.434	0	%100
111	MP1B	X	-2.483	-2.483	0	%100
112	MP1B	Z	-1.434	-1.434	0	%100
113	MP3B	X	-2.746	-2.746	0	%100
114	MP3B	Z	-1.586	-1.586	0	%100
115	M130	X	-.438	-.438	0	%100
116	M130	Z	-.253	-.253	0	%100
117	M131	X	-.438	-.438	0	%100
118	M131	Z	-.253	-.253	0	%100
119	M134	X	-1.752	-1.752	0	%100
120	M134	Z	-1.012	-1.012	0	%100
121	OVP	X	-2.269	-2.269	0	%100
122	OVP	Z	-1.31	-1.31	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	-1.332	-1.332	0	%100
2	M1	Z	-2.306	-2.306	0	%100
3	M4	X	-.448	-.448	0	%100
4	M4	Z	-.776	-.776	0	%100
5	M10	X	-1.093	-1.093	0	%100
6	M10	Z	-1.893	-1.893	0	%100
7	M43	X	-1.093	-1.093	0	%100
8	M43	Z	-1.893	-1.893	0	%100
9	M46	X	-1.707	-1.707	0	%100
10	M46	Z	-2.956	-2.956	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-1.257	-1.257	0	%100
14	M52B	Z	-2.177	-2.177	0	%100
15	M76	X	-.56	-.56	0	%100
16	M76	Z	-.969	-.969	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.56	-.56	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	M84	Z	-.969	-.969	0	%100
23	M85	X	-1.704	-1.704	0	%100
24	M85	Z	-2.952	-2.952	0	%100
25	M91	X	-1.779	-1.779	0	%100
26	M91	Z	-3.081	-3.081	0	%100
27	M26	X	-1.792	-1.792	0	%100
28	M26	Z	-3.104	-3.104	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	-1.257	-1.257	0	%100
36	M32	Z	-2.177	-2.177	0	%100
37	M33	X	-1.257	-1.257	0	%100
38	M33	Z	-2.177	-2.177	0	%100
39	M37	X	-2.239	-2.239	0	%100
40	M37	Z	-3.878	-3.878	0	%100
41	M38	X	-1.704	-1.704	0	%100
42	M38	Z	-2.952	-2.952	0	%100
43	M40	X	-1.779	-1.779	0	%100
44	M40	Z	-3.081	-3.081	0	%100
45	M42	X	-2.239	-2.239	0	%100
46	M42	Z	-3.878	-3.878	0	%100
47	M43A	X	-1.704	-1.704	0	%100
48	M43A	Z	-2.952	-2.952	0	%100
49	M45	X	-1.779	-1.779	0	%100
50	M45	Z	-3.081	-3.081	0	%100
51	M50A	X	-.448	-.448	0	%100
52	M50A	Z	-.776	-.776	0	%100
53	M51C	X	-1.093	-1.093	0	%100
54	M51C	Z	-1.893	-1.893	0	%100
55	M52A	X	-1.093	-1.093	0	%100
56	M52A	Z	-1.893	-1.893	0	%100
57	M53	X	-1.707	-1.707	0	%100
58	M53	Z	-2.956	-2.956	0	%100
59	M56	X	-1.257	-1.257	0	%100
60	M56	Z	-2.177	-2.177	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	-.56	-.56	0	%100
64	M61	Z	-.969	-.969	0	%100
65	M62	X	-1.704	-1.704	0	%100
66	M62	Z	-2.952	-2.952	0	%100
67	M64	X	-1.779	-1.779	0	%100
68	M64	Z	-3.081	-3.081	0	%100
69	M66	X	-.56	-.56	0	%100
70	M66	Z	-.969	-.969	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-1.332	-1.332	0	%100
78	M75	Z	-2.306	-2.306	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M79B	X	-1.075	-1.075	0	%100
80	M79B	Z	-1.862	-1.862	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-1.075	-1.075	0	%100
84	M78	Z	-1.862	-1.862	0	%100
85	MP5A	X	-1.434	-1.434	0	%100
86	MP5A	Z	-2.483	-2.483	0	%100
87	MP4A	X	-1.434	-1.434	0	%100
88	MP4A	Z	-2.483	-2.483	0	%100
89	MP2A	X	-1.434	-1.434	0	%100
90	MP2A	Z	-2.483	-2.483	0	%100
91	MP1A	X	-1.434	-1.434	0	%100
92	MP1A	Z	-2.483	-2.483	0	%100
93	MP3A	X	-1.586	-1.586	0	%100
94	MP3A	Z	-2.746	-2.746	0	%100
95	MP5C	X	-1.434	-1.434	0	%100
96	MP5C	Z	-2.483	-2.483	0	%100
97	MP4C	X	-1.434	-1.434	0	%100
98	MP4C	Z	-2.483	-2.483	0	%100
99	MP2C	X	-1.434	-1.434	0	%100
100	MP2C	Z	-2.483	-2.483	0	%100
101	MP1C	X	-1.434	-1.434	0	%100
102	MP1C	Z	-2.483	-2.483	0	%100
103	MP3C	X	-1.586	-1.586	0	%100
104	MP3C	Z	-2.746	-2.746	0	%100
105	MP5B	X	-1.434	-1.434	0	%100
106	MP5B	Z	-2.483	-2.483	0	%100
107	MP4B	X	-1.434	-1.434	0	%100
108	MP4B	Z	-2.483	-2.483	0	%100
109	MP2B	X	-1.434	-1.434	0	%100
110	MP2B	Z	-2.483	-2.483	0	%100
111	MP1B	X	-1.434	-1.434	0	%100
112	MP1B	Z	-2.483	-2.483	0	%100
113	MP3B	X	-1.586	-1.586	0	%100
114	MP3B	Z	-2.746	-2.746	0	%100
115	M130	X	-.759	-.759	0	%100
116	M130	Z	-1.314	-1.314	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-.759	-.759	0	%100
120	M134	Z	-1.314	-1.314	0	%100
121	OVP	X	-1.31	-1.31	0	%100
122	OVP	Z	-2.269	-2.269	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	-.766	-.766	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.658	-.658	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	-.658	-.658	0	%100
9	M46	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,%]
10	M46	Z	-1.313	-1.313	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	-.182	-.182	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	-.182	-.182	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	-.334	-.334	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	-.352	-.352	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	-.334	-.334	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	-.352	-.352	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.584	-.584	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.165	-.165	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-.165	-.165	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	-.328	-.328	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-.182	-.182	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	-.729	-.729	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-.985	-.985	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	-.334	-.334	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.352	-.352	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-.985	-.985	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	-1.337	-1.337	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	-1.409	-1.409	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-.584	-.584	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-.165	-.165	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-.165	-.165	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-.328	-.328	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-.729	-.729	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	-.182	-.182	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-.985	-.985	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	-1.337	-1.337	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,%]
67	M64	X	0	0	0	%100
68	M64	Z	-1.409	-1.409	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-.985	-.985	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	-.334	-.334	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	-.352	-.352	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-.191	-.191	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-.191	-.191	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	-.52	-.52	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.13	-.13	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-.13	-.13	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	-.52	-.52	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-.52	-.52	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	-.52	-.52	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	-.52	-.52	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-.629	-.629	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	-.52	-.52	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	-.52	-.52	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	-.52	-.52	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	-.52	-.52	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	-.629	-.629	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	-.52	-.52	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-.52	-.52	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	-.52	-.52	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	-.52	-.52	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-.629	-.629	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	-.366	-.366	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	-.092	-.092	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	-.092	-.092	0	%100
121	OVP	X	0	0	0	%100
122	OVP	Z	-.474	-.474	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	.287	.287	0	%100
2	M1	Z	-.498	-.498	0	%100
3	M4	X	.097	.097	0	%100
4	M4	Z	-.168	-.168	0	%100
5	M10	X	.247	.247	0	%100
6	M10	Z	-.428	-.428	0	%100
7	M43	X	.247	.247	0	%100
8	M43	Z	-.428	-.428	0	%100
9	M46	X	.492	.492	0	%100
10	M46	Z	-.853	-.853	0	%100
11	M51B	X	.273	.273	0	%100
12	M51B	Z	-.474	-.474	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	.164	.164	0	%100
16	M76	Z	-.284	-.284	0	%100
17	M77	X	.502	.502	0	%100
18	M77	Z	-.869	-.869	0	%100
19	M80	X	.528	.528	0	%100
20	M80	Z	-.915	-.915	0	%100
21	M84	X	.164	.164	0	%100
22	M84	Z	-.284	-.284	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.097	.097	0	%100
28	M26	Z	-.168	-.168	0	%100
29	M27	X	.247	.247	0	%100
30	M27	Z	-.428	-.428	0	%100
31	M28	X	.247	.247	0	%100
32	M28	Z	-.428	-.428	0	%100
33	M29	X	.492	.492	0	%100
34	M29	Z	-.853	-.853	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	.273	.273	0	%100
38	M33	Z	-.474	-.474	0	%100
39	M37	X	.164	.164	0	%100
40	M37	Z	-.284	-.284	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	.164	.164	0	%100
46	M42	Z	-.284	-.284	0	%100
47	M43A	X	.502	.502	0	%100
48	M43A	Z	-.869	-.869	0	%100
49	M45	X	.528	.528	0	%100
50	M45	Z	-.915	-.915	0	%100
51	M50A	X	.389	.389	0	%100
52	M50A	Z	-.674	-.674	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M53	Z	0	0	0	%100
59	M56	X	.273	.273	0	%100
60	M56	Z	-.474	-.474	0	%100
61	M57	X	.273	.273	0	%100
62	M57	Z	-.474	-.474	0	%100
63	M61	X	.657	.657	0	%100
64	M61	Z	-1.137	-1.137	0	%100
65	M62	X	.502	.502	0	%100
66	M62	Z	-.869	-.869	0	%100
67	M64	X	.528	.528	0	%100
68	M64	Z	-.915	-.915	0	%100
69	M66	X	.657	.657	0	%100
70	M66	Z	-1.137	-1.137	0	%100
71	M67	X	.502	.502	0	%100
72	M67	Z	-.869	-.869	0	%100
73	M69	X	.528	.528	0	%100
74	M69	Z	-.915	-.915	0	%100
75	M74	X	.287	.287	0	%100
76	M74	Z	-.498	-.498	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	.195	.195	0	%100
80	M79B	Z	-.338	-.338	0	%100
81	M77A	X	.195	.195	0	%100
82	M77A	Z	-.338	-.338	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	.26	.26	0	%100
86	MP5A	Z	-.45	-.45	0	%100
87	MP4A	X	.26	.26	0	%100
88	MP4A	Z	-.45	-.45	0	%100
89	MP2A	X	.26	.26	0	%100
90	MP2A	Z	-.45	-.45	0	%100
91	MP1A	X	.26	.26	0	%100
92	MP1A	Z	-.45	-.45	0	%100
93	MP3A	X	.315	.315	0	%100
94	MP3A	Z	-.545	-.545	0	%100
95	MP5C	X	.26	.26	0	%100
96	MP5C	Z	-.45	-.45	0	%100
97	MP4C	X	.26	.26	0	%100
98	MP4C	Z	-.45	-.45	0	%100
99	MP2C	X	.26	.26	0	%100
100	MP2C	Z	-.45	-.45	0	%100
101	MP1C	X	.26	.26	0	%100
102	MP1C	Z	-.45	-.45	0	%100
103	MP3C	X	.315	.315	0	%100
104	MP3C	Z	-.545	-.545	0	%100
105	MP5B	X	.26	.26	0	%100
106	MP5B	Z	-.45	-.45	0	%100
107	MP4B	X	.26	.26	0	%100
108	MP4B	Z	-.45	-.45	0	%100
109	MP2B	X	.26	.26	0	%100
110	MP2B	Z	-.45	-.45	0	%100
111	MP1B	X	.26	.26	0	%100
112	MP1B	Z	-.45	-.45	0	%100
113	MP3B	X	.315	.315	0	%100
114	MP3B	Z	-.545	-.545	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,%]
115	M130	X	.137	.137	0	%100
116	M130	Z	-.238	-.238	0	%100
117	M131	X	.137	.137	0	%100
118	M131	Z	-.238	-.238	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	.237	.237	0	%100
122	OVP	Z	-.41	-.41	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	.166	.166	0	%100
2	M1	Z	-.096	-.096	0	%100
3	M4	X	.505	.505	0	%100
4	M4	Z	-.292	-.292	0	%100
5	M10	X	.143	.143	0	%100
6	M10	Z	-.082	-.082	0	%100
7	M43	X	.143	.143	0	%100
8	M43	Z	-.082	-.082	0	%100
9	M46	X	.284	.284	0	%100
10	M46	Z	-.164	-.164	0	%100
11	M51B	X	.631	.631	0	%100
12	M51B	Z	-.365	-.365	0	%100
13	M52B	X	.158	.158	0	%100
14	M52B	Z	-.091	-.091	0	%100
15	M76	X	.853	.853	0	%100
16	M76	Z	-.492	-.492	0	%100
17	M77	X	1.158	1.158	0	%100
18	M77	Z	-.669	-.669	0	%100
19	M80	X	1.22	1.22	0	%100
20	M80	Z	-.704	-.704	0	%100
21	M84	X	.853	.853	0	%100
22	M84	Z	-.492	-.492	0	%100
23	M85	X	.29	.29	0	%100
24	M85	Z	-.167	-.167	0	%100
25	M91	X	.305	.305	0	%100
26	M91	Z	-.176	-.176	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.57	.57	0	%100
30	M27	Z	-.329	-.329	0	%100
31	M28	X	.57	.57	0	%100
32	M28	Z	-.329	-.329	0	%100
33	M29	X	1.137	1.137	0	%100
34	M29	Z	-.657	-.657	0	%100
35	M32	X	.158	.158	0	%100
36	M32	Z	-.091	-.091	0	%100
37	M33	X	.158	.158	0	%100
38	M33	Z	-.091	-.091	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	.29	.29	0	%100
42	M38	Z	-.167	-.167	0	%100
43	M40	X	.305	.305	0	%100
44	M40	Z	-.176	-.176	0	%100
45	M42	X	0	0	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,%]
46	M42	Z	0	0	0	%100
47	M43A	X	.29	.29	0	%100
48	M43A	Z	-.167	-.167	0	%100
49	M45	X	.305	.305	0	%100
50	M45	Z	-.176	-.176	0	%100
51	M50A	X	.505	.505	0	%100
52	M50A	Z	-.292	-.292	0	%100
53	M51C	X	.143	.143	0	%100
54	M51C	Z	-.082	-.082	0	%100
55	M52A	X	.143	.143	0	%100
56	M52A	Z	-.082	-.082	0	%100
57	M53	X	.284	.284	0	%100
58	M53	Z	-.164	-.164	0	%100
59	M56	X	.158	.158	0	%100
60	M56	Z	-.091	-.091	0	%100
61	M57	X	.631	.631	0	%100
62	M57	Z	-.365	-.365	0	%100
63	M61	X	.853	.853	0	%100
64	M61	Z	-.492	-.492	0	%100
65	M62	X	.29	.29	0	%100
66	M62	Z	-.167	-.167	0	%100
67	M64	X	.305	.305	0	%100
68	M64	Z	-.176	-.176	0	%100
69	M66	X	.853	.853	0	%100
70	M66	Z	-.492	-.492	0	%100
71	M67	X	1.158	1.158	0	%100
72	M67	Z	-.669	-.669	0	%100
73	M69	X	1.22	1.22	0	%100
74	M69	Z	-.704	-.704	0	%100
75	M74	X	.663	.663	0	%100
76	M74	Z	-.383	-.383	0	%100
77	M75	X	.166	.166	0	%100
78	M75	Z	-.096	-.096	0	%100
79	M79B	X	.113	.113	0	%100
80	M79B	Z	-.065	-.065	0	%100
81	M77A	X	.45	.45	0	%100
82	M77A	Z	-.26	-.26	0	%100
83	M78	X	.113	.113	0	%100
84	M78	Z	-.065	-.065	0	%100
85	MP5A	X	.45	.45	0	%100
86	MP5A	Z	-.26	-.26	0	%100
87	MP4A	X	.45	.45	0	%100
88	MP4A	Z	-.26	-.26	0	%100
89	MP2A	X	.45	.45	0	%100
90	MP2A	Z	-.26	-.26	0	%100
91	MP1A	X	.45	.45	0	%100
92	MP1A	Z	-.26	-.26	0	%100
93	MP3A	X	.545	.545	0	%100
94	MP3A	Z	-.315	-.315	0	%100
95	MP5C	X	.45	.45	0	%100
96	MP5C	Z	-.26	-.26	0	%100
97	MP4C	X	.45	.45	0	%100
98	MP4C	Z	-.26	-.26	0	%100
99	MP2C	X	.45	.45	0	%100
100	MP2C	Z	-.26	-.26	0	%100
101	MP1C	X	.45	.45	0	%100
102	MP1C	Z	-.26	-.26	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,%]
103	MP3C	X	.545	.545	0	%100
104	MP3C	Z	-.315	-.315	0	%100
105	MP5B	X	.45	.45	0	%100
106	MP5B	Z	-.26	-.26	0	%100
107	MP4B	X	.45	.45	0	%100
108	MP4B	Z	-.26	-.26	0	%100
109	MP2B	X	.45	.45	0	%100
110	MP2B	Z	-.26	-.26	0	%100
111	MP1B	X	.45	.45	0	%100
112	MP1B	Z	-.26	-.26	0	%100
113	MP3B	X	.545	.545	0	%100
114	MP3B	Z	-.315	-.315	0	%100
115	M130	X	.079	.079	0	%100
116	M130	Z	-.046	-.046	0	%100
117	M131	X	.317	.317	0	%100
118	M131	Z	-.183	-.183	0	%100
119	M134	X	.079	.079	0	%100
120	M134	Z	-.046	-.046	0	%100
121	OVP	X	.41	.41	0	%100
122	OVP	Z	-.237	-.237	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	M4	X	.778	.778	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	.547	.547	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.547	.547	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	1.313	1.313	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	1.003	1.003	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	1.057	1.057	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	1.313	1.313	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	1.003	1.003	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	1.057	1.057	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	.195	.195	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.494	.494	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.494	.494	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	.985	.985	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,%]
34	M29	Z	0	0	0	%100
35	M32	X	.547	.547	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	.328	.328	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	1.003	1.003	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	1.057	1.057	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	.328	.328	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	0	0	0	%100
51	M50A	X	.195	.195	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	.494	.494	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	.494	.494	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	.985	.985	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M57	X	.547	.547	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	.328	.328	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M66	X	.328	.328	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	1.003	1.003	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	1.057	1.057	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	.574	.574	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.574	.574	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	.39	.39	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	.39	.39	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	.52	.52	0	%100
86	MP5A	Z	0	0	0	%100
87	MP4A	X	.52	.52	0	%100
88	MP4A	Z	0	0	0	%100
89	MP2A	X	.52	.52	0	%100
90	MP2A	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,%]
91	MP1A	X	.52	.52	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	.629	.629	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	X	.52	.52	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	.52	.52	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	.52	.52	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	.52	.52	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	X	.629	.629	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	.52	.52	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	.52	.52	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	.52	.52	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	.52	.52	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	.629	.629	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	.275	.275	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	.275	.275	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	.474	.474	0	%100
122	OVP	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	.166	.166	0	%100
2	M1	Z	.096	.096	0	%100
3	M4	X	.505	.505	0	%100
4	M4	Z	.292	.292	0	%100
5	M10	X	.143	.143	0	%100
6	M10	Z	.082	.082	0	%100
7	M43	X	.143	.143	0	%100
8	M43	Z	.082	.082	0	%100
9	M46	X	.284	.284	0	%100
10	M46	Z	.164	.164	0	%100
11	M51B	X	.158	.158	0	%100
12	M51B	Z	.091	.091	0	%100
13	M52B	X	.631	.631	0	%100
14	M52B	Z	.365	.365	0	%100
15	M76	X	.853	.853	0	%100
16	M76	Z	.492	.492	0	%100
17	M77	X	.29	.29	0	%100
18	M77	Z	.167	.167	0	%100
19	M80	X	.305	.305	0	%100
20	M80	Z	.176	.176	0	%100
21	M84	X	.853	.853	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,%]
22	M84	Z	.492	.492	0	%100
23	M85	X	1.158	1.158	0	%100
24	M85	Z	.669	.669	0	%100
25	M91	X	1.22	1.22	0	%100
26	M91	Z	.704	.704	0	%100
27	M26	X	.505	.505	0	%100
28	M26	Z	.292	.292	0	%100
29	M27	X	.143	.143	0	%100
30	M27	Z	.082	.082	0	%100
31	M28	X	.143	.143	0	%100
32	M28	Z	.082	.082	0	%100
33	M29	X	.284	.284	0	%100
34	M29	Z	.164	.164	0	%100
35	M32	X	.631	.631	0	%100
36	M32	Z	.365	.365	0	%100
37	M33	X	.158	.158	0	%100
38	M33	Z	.091	.091	0	%100
39	M37	X	.853	.853	0	%100
40	M37	Z	.492	.492	0	%100
41	M38	X	1.158	1.158	0	%100
42	M38	Z	.669	.669	0	%100
43	M40	X	1.22	1.22	0	%100
44	M40	Z	.704	.704	0	%100
45	M42	X	.853	.853	0	%100
46	M42	Z	.492	.492	0	%100
47	M43A	X	.29	.29	0	%100
48	M43A	Z	.167	.167	0	%100
49	M45	X	.305	.305	0	%100
50	M45	Z	.176	.176	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	.57	.57	0	%100
54	M51C	Z	.329	.329	0	%100
55	M52A	X	.57	.57	0	%100
56	M52A	Z	.329	.329	0	%100
57	M53	X	1.137	1.137	0	%100
58	M53	Z	.657	.657	0	%100
59	M56	X	.158	.158	0	%100
60	M56	Z	.091	.091	0	%100
61	M57	X	.158	.158	0	%100
62	M57	Z	.091	.091	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	.29	.29	0	%100
66	M62	Z	.167	.167	0	%100
67	M64	X	.305	.305	0	%100
68	M64	Z	.176	.176	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	.29	.29	0	%100
72	M67	Z	.167	.167	0	%100
73	M69	X	.305	.305	0	%100
74	M69	Z	.176	.176	0	%100
75	M74	X	.166	.166	0	%100
76	M74	Z	.096	.096	0	%100
77	M75	X	.663	.663	0	%100
78	M75	Z	.383	.383	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,%]
79	M79B	X	.113	.113	0	%100
80	M79B	Z	.065	.065	0	%100
81	M77A	X	.113	.113	0	%100
82	M77A	Z	.065	.065	0	%100
83	M78	X	.45	.45	0	%100
84	M78	Z	.26	.26	0	%100
85	MP5A	X	.45	.45	0	%100
86	MP5A	Z	.26	.26	0	%100
87	MP4A	X	.45	.45	0	%100
88	MP4A	Z	.26	.26	0	%100
89	MP2A	X	.45	.45	0	%100
90	MP2A	Z	.26	.26	0	%100
91	MP1A	X	.45	.45	0	%100
92	MP1A	Z	.26	.26	0	%100
93	MP3A	X	.545	.545	0	%100
94	MP3A	Z	.315	.315	0	%100
95	MP5C	X	.45	.45	0	%100
96	MP5C	Z	.26	.26	0	%100
97	MP4C	X	.45	.45	0	%100
98	MP4C	Z	.26	.26	0	%100
99	MP2C	X	.45	.45	0	%100
100	MP2C	Z	.26	.26	0	%100
101	MP1C	X	.45	.45	0	%100
102	MP1C	Z	.26	.26	0	%100
103	MP3C	X	.545	.545	0	%100
104	MP3C	Z	.315	.315	0	%100
105	MP5B	X	.45	.45	0	%100
106	MP5B	Z	.26	.26	0	%100
107	MP4B	X	.45	.45	0	%100
108	MP4B	Z	.26	.26	0	%100
109	MP2B	X	.45	.45	0	%100
110	MP2B	Z	.26	.26	0	%100
111	MP1B	X	.45	.45	0	%100
112	MP1B	Z	.26	.26	0	%100
113	MP3B	X	.545	.545	0	%100
114	MP3B	Z	.315	.315	0	%100
115	M130	X	.079	.079	0	%100
116	M130	Z	.046	.046	0	%100
117	M131	X	.079	.079	0	%100
118	M131	Z	.046	.046	0	%100
119	M134	X	.317	.317	0	%100
120	M134	Z	.183	.183	0	%100
121	OVP	X	.41	.41	0	%100
122	OVP	Z	.237	.237	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	.287	.287	0	%100
2	M1	Z	.498	.498	0	%100
3	M4	X	.097	.097	0	%100
4	M4	Z	.168	.168	0	%100
5	M10	X	.247	.247	0	%100
6	M10	Z	.428	.428	0	%100
7	M43	X	.247	.247	0	%100
8	M43	Z	.428	.428	0	%100
9	M46	X	.492	.492	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,%]
10	M46	Z	.853	.853	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	.273	.273	0	%100
14	M52B	Z	.474	.474	0	%100
15	M76	X	.164	.164	0	%100
16	M76	Z	.284	.284	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	.164	.164	0	%100
22	M84	Z	.284	.284	0	%100
23	M85	X	.502	.502	0	%100
24	M85	Z	.869	.869	0	%100
25	M91	X	.528	.528	0	%100
26	M91	Z	.915	.915	0	%100
27	M26	X	.389	.389	0	%100
28	M26	Z	.674	.674	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	.273	.273	0	%100
36	M32	Z	.474	.474	0	%100
37	M33	X	.273	.273	0	%100
38	M33	Z	.474	.474	0	%100
39	M37	X	.657	.657	0	%100
40	M37	Z	1.137	1.137	0	%100
41	M38	X	.502	.502	0	%100
42	M38	Z	.869	.869	0	%100
43	M40	X	.528	.528	0	%100
44	M40	Z	.915	.915	0	%100
45	M42	X	.657	.657	0	%100
46	M42	Z	1.137	1.137	0	%100
47	M43A	X	.502	.502	0	%100
48	M43A	Z	.869	.869	0	%100
49	M45	X	.528	.528	0	%100
50	M45	Z	.915	.915	0	%100
51	M50A	X	.097	.097	0	%100
52	M50A	Z	.168	.168	0	%100
53	M51C	X	.247	.247	0	%100
54	M51C	Z	.428	.428	0	%100
55	M52A	X	.247	.247	0	%100
56	M52A	Z	.428	.428	0	%100
57	M53	X	.492	.492	0	%100
58	M53	Z	.853	.853	0	%100
59	M56	X	.273	.273	0	%100
60	M56	Z	.474	.474	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	.164	.164	0	%100
64	M61	Z	.284	.284	0	%100
65	M62	X	.502	.502	0	%100
66	M62	Z	.869	.869	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,%]
67	M64	X	.528	.528	0	%100
68	M64	Z	.915	.915	0	%100
69	M66	X	.164	.164	0	%100
70	M66	Z	.284	.284	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.287	.287	0	%100
78	M75	Z	.498	.498	0	%100
79	M79B	X	.195	.195	0	%100
80	M79B	Z	.338	.338	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	.195	.195	0	%100
84	M78	Z	.338	.338	0	%100
85	MP5A	X	.26	.26	0	%100
86	MP5A	Z	.45	.45	0	%100
87	MP4A	X	.26	.26	0	%100
88	MP4A	Z	.45	.45	0	%100
89	MP2A	X	.26	.26	0	%100
90	MP2A	Z	.45	.45	0	%100
91	MP1A	X	.26	.26	0	%100
92	MP1A	Z	.45	.45	0	%100
93	MP3A	X	.315	.315	0	%100
94	MP3A	Z	.545	.545	0	%100
95	MP5C	X	.26	.26	0	%100
96	MP5C	Z	.45	.45	0	%100
97	MP4C	X	.26	.26	0	%100
98	MP4C	Z	.45	.45	0	%100
99	MP2C	X	.26	.26	0	%100
100	MP2C	Z	.45	.45	0	%100
101	MP1C	X	.26	.26	0	%100
102	MP1C	Z	.45	.45	0	%100
103	MP3C	X	.315	.315	0	%100
104	MP3C	Z	.545	.545	0	%100
105	MP5B	X	.26	.26	0	%100
106	MP5B	Z	.45	.45	0	%100
107	MP4B	X	.26	.26	0	%100
108	MP4B	Z	.45	.45	0	%100
109	MP2B	X	.26	.26	0	%100
110	MP2B	Z	.45	.45	0	%100
111	MP1B	X	.26	.26	0	%100
112	MP1B	Z	.45	.45	0	%100
113	MP3B	X	.315	.315	0	%100
114	MP3B	Z	.545	.545	0	%100
115	M130	X	.137	.137	0	%100
116	M130	Z	.238	.238	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	.137	.137	0	%100
120	M134	Z	.238	.238	0	%100
121	OVP	X	.237	.237	0	%100
122	OVP	Z	.41	.41	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	.766	.766	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.658	.658	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	.658	.658	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	1.313	1.313	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	.182	.182	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	.182	.182	0	%100
15	M76	X	0	0	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	.334	.334	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	.352	.352	0	%100
21	M84	X	0	0	0	%100
22	M84	Z	0	0	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	.334	.334	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	.352	.352	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.584	.584	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.165	.165	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.165	.165	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	.328	.328	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	.182	.182	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	.729	.729	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	.985	.985	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	.334	.334	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.352	.352	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	.985	.985	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	1.337	1.337	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	1.409	1.409	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	.584	.584	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	.165	.165	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	.165	.165	0	%100
57	M53	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	M53	Z	.328	.328	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	.729	.729	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	.182	.182	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	.985	.985	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	1.337	1.337	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	1.409	1.409	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	.985	.985	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	.334	.334	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	.352	.352	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.191	.191	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.191	.191	0	%100
79	M79B	X	0	0	0	%100
80	M79B	Z	.52	.52	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.13	.13	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.13	.13	0	%100
85	MP5A	X	0	0	0	%100
86	MP5A	Z	.52	.52	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	.52	.52	0	%100
89	MP2A	X	0	0	0	%100
90	MP2A	Z	.52	.52	0	%100
91	MP1A	X	0	0	0	%100
92	MP1A	Z	.52	.52	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	.629	.629	0	%100
95	MP5C	X	0	0	0	%100
96	MP5C	Z	.52	.52	0	%100
97	MP4C	X	0	0	0	%100
98	MP4C	Z	.52	.52	0	%100
99	MP2C	X	0	0	0	%100
100	MP2C	Z	.52	.52	0	%100
101	MP1C	X	0	0	0	%100
102	MP1C	Z	.52	.52	0	%100
103	MP3C	X	0	0	0	%100
104	MP3C	Z	.629	.629	0	%100
105	MP5B	X	0	0	0	%100
106	MP5B	Z	.52	.52	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	.52	.52	0	%100
109	MP2B	X	0	0	0	%100
110	MP2B	Z	.52	.52	0	%100
111	MP1B	X	0	0	0	%100
112	MP1B	Z	.52	.52	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	.629	.629	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	M130	X	0	0	0	%100
116	M130	Z	.366	.366	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	.092	.092	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	.092	.092	0	%100
121	OVP	X	0	0	0	%100
122	OVP	Z	.474	.474	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	-.287	-.287	0	%100
2	M1	Z	.498	.498	0	%100
3	M4	X	-.097	-.097	0	%100
4	M4	Z	.168	.168	0	%100
5	M10	X	-.247	-.247	0	%100
6	M10	Z	.428	.428	0	%100
7	M43	X	-.247	-.247	0	%100
8	M43	Z	.428	.428	0	%100
9	M46	X	-.492	-.492	0	%100
10	M46	Z	.853	.853	0	%100
11	M51B	X	-.273	-.273	0	%100
12	M51B	Z	.474	.474	0	%100
13	M52B	X	0	0	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-.164	-.164	0	%100
16	M76	Z	.284	.284	0	%100
17	M77	X	-.502	-.502	0	%100
18	M77	Z	.869	.869	0	%100
19	M80	X	-.528	-.528	0	%100
20	M80	Z	.915	.915	0	%100
21	M84	X	-.164	-.164	0	%100
22	M84	Z	.284	.284	0	%100
23	M85	X	0	0	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	0	0	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.097	-.097	0	%100
28	M26	Z	.168	.168	0	%100
29	M27	X	-.247	-.247	0	%100
30	M27	Z	.428	.428	0	%100
31	M28	X	-.247	-.247	0	%100
32	M28	Z	.428	.428	0	%100
33	M29	X	-.492	-.492	0	%100
34	M29	Z	.853	.853	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	-.273	-.273	0	%100
38	M33	Z	.474	.474	0	%100
39	M37	X	-.164	-.164	0	%100
40	M37	Z	.284	.284	0	%100
41	M38	X	0	0	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-.164	-.164	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,%]
46	M42	Z	.284	.284	0	%100
47	M43A	X	-.502	-.502	0	%100
48	M43A	Z	.869	.869	0	%100
49	M45	X	-.528	-.528	0	%100
50	M45	Z	.915	.915	0	%100
51	M50A	X	-.389	-.389	0	%100
52	M50A	Z	.674	.674	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	-.273	-.273	0	%100
60	M56	Z	.474	.474	0	%100
61	M57	X	-.273	-.273	0	%100
62	M57	Z	.474	.474	0	%100
63	M61	X	-.657	-.657	0	%100
64	M61	Z	1.137	1.137	0	%100
65	M62	X	-.502	-.502	0	%100
66	M62	Z	.869	.869	0	%100
67	M64	X	-.528	-.528	0	%100
68	M64	Z	.915	.915	0	%100
69	M66	X	-.657	-.657	0	%100
70	M66	Z	1.137	1.137	0	%100
71	M67	X	-.502	-.502	0	%100
72	M67	Z	.869	.869	0	%100
73	M69	X	-.528	-.528	0	%100
74	M69	Z	.915	.915	0	%100
75	M74	X	-.287	-.287	0	%100
76	M74	Z	.498	.498	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M79B	X	-.195	-.195	0	%100
80	M79B	Z	.338	.338	0	%100
81	M77A	X	-.195	-.195	0	%100
82	M77A	Z	.338	.338	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	-.26	-.26	0	%100
86	MP5A	Z	.45	.45	0	%100
87	MP4A	X	-.26	-.26	0	%100
88	MP4A	Z	.45	.45	0	%100
89	MP2A	X	-.26	-.26	0	%100
90	MP2A	Z	.45	.45	0	%100
91	MP1A	X	-.26	-.26	0	%100
92	MP1A	Z	.45	.45	0	%100
93	MP3A	X	-.315	-.315	0	%100
94	MP3A	Z	.545	.545	0	%100
95	MP5C	X	-.26	-.26	0	%100
96	MP5C	Z	.45	.45	0	%100
97	MP4C	X	-.26	-.26	0	%100
98	MP4C	Z	.45	.45	0	%100
99	MP2C	X	-.26	-.26	0	%100
100	MP2C	Z	.45	.45	0	%100
101	MP1C	X	-.26	-.26	0	%100
102	MP1C	Z	.45	.45	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,%]
103	MP3C	X	-.315	-.315	0	%100
104	MP3C	Z	.545	.545	0	%100
105	MP5B	X	-.26	-.26	0	%100
106	MP5B	Z	.45	.45	0	%100
107	MP4B	X	-.26	-.26	0	%100
108	MP4B	Z	.45	.45	0	%100
109	MP2B	X	-.26	-.26	0	%100
110	MP2B	Z	.45	.45	0	%100
111	MP1B	X	-.26	-.26	0	%100
112	MP1B	Z	.45	.45	0	%100
113	MP3B	X	-.315	-.315	0	%100
114	MP3B	Z	.545	.545	0	%100
115	M130	X	-.137	-.137	0	%100
116	M130	Z	.238	.238	0	%100
117	M131	X	-.137	-.137	0	%100
118	M131	Z	.238	.238	0	%100
119	M134	X	0	0	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-.237	-.237	0	%100
122	OVP	Z	.41	.41	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	-.166	-.166	0	%100
2	M1	Z	.096	.096	0	%100
3	M4	X	-.505	-.505	0	%100
4	M4	Z	.292	.292	0	%100
5	M10	X	-.143	-.143	0	%100
6	M10	Z	.082	.082	0	%100
7	M43	X	-.143	-.143	0	%100
8	M43	Z	.082	.082	0	%100
9	M46	X	-.284	-.284	0	%100
10	M46	Z	.164	.164	0	%100
11	M51B	X	-.631	-.631	0	%100
12	M51B	Z	.365	.365	0	%100
13	M52B	X	-.158	-.158	0	%100
14	M52B	Z	.091	.091	0	%100
15	M76	X	-.853	-.853	0	%100
16	M76	Z	.492	.492	0	%100
17	M77	X	-1.158	-1.158	0	%100
18	M77	Z	.669	.669	0	%100
19	M80	X	-1.22	-1.22	0	%100
20	M80	Z	.704	.704	0	%100
21	M84	X	-.853	-.853	0	%100
22	M84	Z	.492	.492	0	%100
23	M85	X	-.29	-.29	0	%100
24	M85	Z	.167	.167	0	%100
25	M91	X	-.305	-.305	0	%100
26	M91	Z	.176	.176	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.57	-.57	0	%100
30	M27	Z	.329	.329	0	%100
31	M28	X	-.57	-.57	0	%100
32	M28	Z	.329	.329	0	%100
33	M29	X	-1.137	-1.137	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,%]
34	M29	Z	.657	.657	0	%100
35	M32	X	-.158	-.158	0	%100
36	M32	Z	.091	.091	0	%100
37	M33	X	-.158	-.158	0	%100
38	M33	Z	.091	.091	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-.29	-.29	0	%100
42	M38	Z	.167	.167	0	%100
43	M40	X	-.305	-.305	0	%100
44	M40	Z	.176	.176	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	-.29	-.29	0	%100
48	M43A	Z	.167	.167	0	%100
49	M45	X	-.305	-.305	0	%100
50	M45	Z	.176	.176	0	%100
51	M50A	X	-.505	-.505	0	%100
52	M50A	Z	.292	.292	0	%100
53	M51C	X	-.143	-.143	0	%100
54	M51C	Z	.082	.082	0	%100
55	M52A	X	-.143	-.143	0	%100
56	M52A	Z	.082	.082	0	%100
57	M53	X	-.284	-.284	0	%100
58	M53	Z	.164	.164	0	%100
59	M56	X	-.158	-.158	0	%100
60	M56	Z	.091	.091	0	%100
61	M57	X	-.631	-.631	0	%100
62	M57	Z	.365	.365	0	%100
63	M61	X	-.853	-.853	0	%100
64	M61	Z	.492	.492	0	%100
65	M62	X	-.29	-.29	0	%100
66	M62	Z	.167	.167	0	%100
67	M64	X	-.305	-.305	0	%100
68	M64	Z	.176	.176	0	%100
69	M66	X	-.853	-.853	0	%100
70	M66	Z	.492	.492	0	%100
71	M67	X	-1.158	-1.158	0	%100
72	M67	Z	.669	.669	0	%100
73	M69	X	-1.22	-1.22	0	%100
74	M69	Z	.704	.704	0	%100
75	M74	X	-.663	-.663	0	%100
76	M74	Z	.383	.383	0	%100
77	M75	X	-.166	-.166	0	%100
78	M75	Z	.096	.096	0	%100
79	M79B	X	-.113	-.113	0	%100
80	M79B	Z	.065	.065	0	%100
81	M77A	X	-.45	-.45	0	%100
82	M77A	Z	.26	.26	0	%100
83	M78	X	-.113	-.113	0	%100
84	M78	Z	.065	.065	0	%100
85	MP5A	X	-.45	-.45	0	%100
86	MP5A	Z	.26	.26	0	%100
87	MP4A	X	-.45	-.45	0	%100
88	MP4A	Z	.26	.26	0	%100
89	MP2A	X	-.45	-.45	0	%100
90	MP2A	Z	.26	.26	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,%]
91	MP1A	X	-.45	-.45	0	%100
92	MP1A	Z	.26	.26	0	%100
93	MP3A	X	-.545	-.545	0	%100
94	MP3A	Z	.315	.315	0	%100
95	MP5C	X	-.45	-.45	0	%100
96	MP5C	Z	.26	.26	0	%100
97	MP4C	X	-.45	-.45	0	%100
98	MP4C	Z	.26	.26	0	%100
99	MP2C	X	-.45	-.45	0	%100
100	MP2C	Z	.26	.26	0	%100
101	MP1C	X	-.45	-.45	0	%100
102	MP1C	Z	.26	.26	0	%100
103	MP3C	X	-.545	-.545	0	%100
104	MP3C	Z	.315	.315	0	%100
105	MP5B	X	-.45	-.45	0	%100
106	MP5B	Z	.26	.26	0	%100
107	MP4B	X	-.45	-.45	0	%100
108	MP4B	Z	.26	.26	0	%100
109	MP2B	X	-.45	-.45	0	%100
110	MP2B	Z	.26	.26	0	%100
111	MP1B	X	-.45	-.45	0	%100
112	MP1B	Z	.26	.26	0	%100
113	MP3B	X	-.545	-.545	0	%100
114	MP3B	Z	.315	.315	0	%100
115	M130	X	-.079	-.079	0	%100
116	M130	Z	.046	.046	0	%100
117	M131	X	-.317	-.317	0	%100
118	M131	Z	.183	.183	0	%100
119	M134	X	-.079	-.079	0	%100
120	M134	Z	.046	.046	0	%100
121	OVP	X	-.41	-.41	0	%100
122	OVP	Z	.237	.237	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	M4	X	-.778	-.778	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	M43	X	0	0	0	%100
8	M43	Z	0	0	0	%100
9	M46	X	0	0	0	%100
10	M46	Z	0	0	0	%100
11	M51B	X	-.547	-.547	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.547	-.547	0	%100
14	M52B	Z	0	0	0	%100
15	M76	X	-1.313	-1.313	0	%100
16	M76	Z	0	0	0	%100
17	M77	X	-1.003	-1.003	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	-1.057	-1.057	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-1.313	-1.313	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,%]
22	M84	Z	0	0	0	%100
23	M85	X	-1.003	-1.003	0	%100
24	M85	Z	0	0	0	%100
25	M91	X	-1.057	-1.057	0	%100
26	M91	Z	0	0	0	%100
27	M26	X	-.195	-.195	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.494	-.494	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-.494	-.494	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	-.985	-.985	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	-.547	-.547	0	%100
36	M32	Z	0	0	0	%100
37	M33	X	0	0	0	%100
38	M33	Z	0	0	0	%100
39	M37	X	-.328	-.328	0	%100
40	M37	Z	0	0	0	%100
41	M38	X	-1.003	-1.003	0	%100
42	M38	Z	0	0	0	%100
43	M40	X	-1.057	-1.057	0	%100
44	M40	Z	0	0	0	%100
45	M42	X	-.328	-.328	0	%100
46	M42	Z	0	0	0	%100
47	M43A	X	0	0	0	%100
48	M43A	Z	0	0	0	%100
49	M45	X	0	0	0	%100
50	M45	Z	0	0	0	%100
51	M50A	X	-.195	-.195	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-.494	-.494	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-.494	-.494	0	%100
56	M52A	Z	0	0	0	%100
57	M53	X	-.985	-.985	0	%100
58	M53	Z	0	0	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M57	X	-.547	-.547	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	-.328	-.328	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	0	0	0	%100
66	M62	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M66	X	-.328	-.328	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-1.003	-1.003	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	-1.057	-1.057	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	-.574	-.574	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.574	-.574	0	%100
78	M75	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,%]
79	M79B	X	0	0	0	%100
80	M79B	Z	0	0	0	%100
81	M77A	X	-.39	-.39	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-.39	-.39	0	%100
84	M78	Z	0	0	0	%100
85	MP5A	X	-.52	-.52	0	%100
86	MP5A	Z	0	0	0	%100
87	MP4A	X	-.52	-.52	0	%100
88	MP4A	Z	0	0	0	%100
89	MP2A	X	-.52	-.52	0	%100
90	MP2A	Z	0	0	0	%100
91	MP1A	X	-.52	-.52	0	%100
92	MP1A	Z	0	0	0	%100
93	MP3A	X	-.629	-.629	0	%100
94	MP3A	Z	0	0	0	%100
95	MP5C	X	-.52	-.52	0	%100
96	MP5C	Z	0	0	0	%100
97	MP4C	X	-.52	-.52	0	%100
98	MP4C	Z	0	0	0	%100
99	MP2C	X	-.52	-.52	0	%100
100	MP2C	Z	0	0	0	%100
101	MP1C	X	-.52	-.52	0	%100
102	MP1C	Z	0	0	0	%100
103	MP3C	X	-.629	-.629	0	%100
104	MP3C	Z	0	0	0	%100
105	MP5B	X	-.52	-.52	0	%100
106	MP5B	Z	0	0	0	%100
107	MP4B	X	-.52	-.52	0	%100
108	MP4B	Z	0	0	0	%100
109	MP2B	X	-.52	-.52	0	%100
110	MP2B	Z	0	0	0	%100
111	MP1B	X	-.52	-.52	0	%100
112	MP1B	Z	0	0	0	%100
113	MP3B	X	-.629	-.629	0	%100
114	MP3B	Z	0	0	0	%100
115	M130	X	0	0	0	%100
116	M130	Z	0	0	0	%100
117	M131	X	-.275	-.275	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-.275	-.275	0	%100
120	M134	Z	0	0	0	%100
121	OVP	X	-.474	-.474	0	%100
122	OVP	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	-.166	-.166	0	%100
2	M1	Z	-.096	-.096	0	%100
3	M4	X	-.505	-.505	0	%100
4	M4	Z	-.292	-.292	0	%100
5	M10	X	-.143	-.143	0	%100
6	M10	Z	-.082	-.082	0	%100
7	M43	X	-.143	-.143	0	%100
8	M43	Z	-.082	-.082	0	%100
9	M46	X	-.284	-.284	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,%]
10	M46	Z	-.164	-.164	0	%100
11	M51B	X	-.158	-.158	0	%100
12	M51B	Z	-.091	-.091	0	%100
13	M52B	X	-.631	-.631	0	%100
14	M52B	Z	-.365	-.365	0	%100
15	M76	X	-.853	-.853	0	%100
16	M76	Z	-.492	-.492	0	%100
17	M77	X	-.29	-.29	0	%100
18	M77	Z	-.167	-.167	0	%100
19	M80	X	-.305	-.305	0	%100
20	M80	Z	-.176	-.176	0	%100
21	M84	X	-.853	-.853	0	%100
22	M84	Z	-.492	-.492	0	%100
23	M85	X	-1.158	-1.158	0	%100
24	M85	Z	-.669	-.669	0	%100
25	M91	X	-1.22	-1.22	0	%100
26	M91	Z	-.704	-.704	0	%100
27	M26	X	-.505	-.505	0	%100
28	M26	Z	-.292	-.292	0	%100
29	M27	X	-.143	-.143	0	%100
30	M27	Z	-.082	-.082	0	%100
31	M28	X	-.143	-.143	0	%100
32	M28	Z	-.082	-.082	0	%100
33	M29	X	-.284	-.284	0	%100
34	M29	Z	-.164	-.164	0	%100
35	M32	X	-.631	-.631	0	%100
36	M32	Z	-.365	-.365	0	%100
37	M33	X	-.158	-.158	0	%100
38	M33	Z	-.091	-.091	0	%100
39	M37	X	-.853	-.853	0	%100
40	M37	Z	-.492	-.492	0	%100
41	M38	X	-1.158	-1.158	0	%100
42	M38	Z	-.669	-.669	0	%100
43	M40	X	-1.22	-1.22	0	%100
44	M40	Z	-.704	-.704	0	%100
45	M42	X	-.853	-.853	0	%100
46	M42	Z	-.492	-.492	0	%100
47	M43A	X	-.29	-.29	0	%100
48	M43A	Z	-.167	-.167	0	%100
49	M45	X	-.305	-.305	0	%100
50	M45	Z	-.176	-.176	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-.57	-.57	0	%100
54	M51C	Z	-.329	-.329	0	%100
55	M52A	X	-.57	-.57	0	%100
56	M52A	Z	-.329	-.329	0	%100
57	M53	X	-1.137	-1.137	0	%100
58	M53	Z	-.657	-.657	0	%100
59	M56	X	-.158	-.158	0	%100
60	M56	Z	-.091	-.091	0	%100
61	M57	X	-.158	-.158	0	%100
62	M57	Z	-.091	-.091	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M62	X	-.29	-.29	0	%100
66	M62	Z	-.167	-.167	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,%]
67	M64	X	-.305	-.305	0	%100
68	M64	Z	-.176	-.176	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M67	X	-.29	-.29	0	%100
72	M67	Z	-.167	-.167	0	%100
73	M69	X	-.305	-.305	0	%100
74	M69	Z	-.176	-.176	0	%100
75	M74	X	-.166	-.166	0	%100
76	M74	Z	-.096	-.096	0	%100
77	M75	X	-.663	-.663	0	%100
78	M75	Z	-.383	-.383	0	%100
79	M79B	X	-.113	-.113	0	%100
80	M79B	Z	-.065	-.065	0	%100
81	M77A	X	-.113	-.113	0	%100
82	M77A	Z	-.065	-.065	0	%100
83	M78	X	-.45	-.45	0	%100
84	M78	Z	-.26	-.26	0	%100
85	MP5A	X	-.45	-.45	0	%100
86	MP5A	Z	-.26	-.26	0	%100
87	MP4A	X	-.45	-.45	0	%100
88	MP4A	Z	-.26	-.26	0	%100
89	MP2A	X	-.45	-.45	0	%100
90	MP2A	Z	-.26	-.26	0	%100
91	MP1A	X	-.45	-.45	0	%100
92	MP1A	Z	-.26	-.26	0	%100
93	MP3A	X	-.545	-.545	0	%100
94	MP3A	Z	-.315	-.315	0	%100
95	MP5C	X	-.45	-.45	0	%100
96	MP5C	Z	-.26	-.26	0	%100
97	MP4C	X	-.45	-.45	0	%100
98	MP4C	Z	-.26	-.26	0	%100
99	MP2C	X	-.45	-.45	0	%100
100	MP2C	Z	-.26	-.26	0	%100
101	MP1C	X	-.45	-.45	0	%100
102	MP1C	Z	-.26	-.26	0	%100
103	MP3C	X	-.545	-.545	0	%100
104	MP3C	Z	-.315	-.315	0	%100
105	MP5B	X	-.45	-.45	0	%100
106	MP5B	Z	-.26	-.26	0	%100
107	MP4B	X	-.45	-.45	0	%100
108	MP4B	Z	-.26	-.26	0	%100
109	MP2B	X	-.45	-.45	0	%100
110	MP2B	Z	-.26	-.26	0	%100
111	MP1B	X	-.45	-.45	0	%100
112	MP1B	Z	-.26	-.26	0	%100
113	MP3B	X	-.545	-.545	0	%100
114	MP3B	Z	-.315	-.315	0	%100
115	M130	X	-.079	-.079	0	%100
116	M130	Z	-.046	-.046	0	%100
117	M131	X	-.079	-.079	0	%100
118	M131	Z	-.046	-.046	0	%100
119	M134	X	-.317	-.317	0	%100
120	M134	Z	-.183	-.183	0	%100
121	OVP	X	-.41	-.41	0	%100
122	OVP	Z	-.237	-.237	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	-.287	-.287	0	%100
2	M1	Z	-.498	-.498	0	%100
3	M4	X	-.097	-.097	0	%100
4	M4	Z	-.168	-.168	0	%100
5	M10	X	-.247	-.247	0	%100
6	M10	Z	-.428	-.428	0	%100
7	M43	X	-.247	-.247	0	%100
8	M43	Z	-.428	-.428	0	%100
9	M46	X	-.492	-.492	0	%100
10	M46	Z	-.853	-.853	0	%100
11	M51B	X	0	0	0	%100
12	M51B	Z	0	0	0	%100
13	M52B	X	-.273	-.273	0	%100
14	M52B	Z	-.474	-.474	0	%100
15	M76	X	-.164	-.164	0	%100
16	M76	Z	-.284	-.284	0	%100
17	M77	X	0	0	0	%100
18	M77	Z	0	0	0	%100
19	M80	X	0	0	0	%100
20	M80	Z	0	0	0	%100
21	M84	X	-.164	-.164	0	%100
22	M84	Z	-.284	-.284	0	%100
23	M85	X	-.502	-.502	0	%100
24	M85	Z	-.869	-.869	0	%100
25	M91	X	-.528	-.528	0	%100
26	M91	Z	-.915	-.915	0	%100
27	M26	X	-.389	-.389	0	%100
28	M26	Z	-.674	-.674	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M29	X	0	0	0	%100
34	M29	Z	0	0	0	%100
35	M32	X	-.273	-.273	0	%100
36	M32	Z	-.474	-.474	0	%100
37	M33	X	-.273	-.273	0	%100
38	M33	Z	-.474	-.474	0	%100
39	M37	X	-.657	-.657	0	%100
40	M37	Z	-1.137	-1.137	0	%100
41	M38	X	-.502	-.502	0	%100
42	M38	Z	-.869	-.869	0	%100
43	M40	X	-.528	-.528	0	%100
44	M40	Z	-.915	-.915	0	%100
45	M42	X	-.657	-.657	0	%100
46	M42	Z	-1.137	-1.137	0	%100
47	M43A	X	-.502	-.502	0	%100
48	M43A	Z	-.869	-.869	0	%100
49	M45	X	-.528	-.528	0	%100
50	M45	Z	-.915	-.915	0	%100
51	M50A	X	-.097	-.097	0	%100
52	M50A	Z	-.168	-.168	0	%100
53	M51C	X	-.247	-.247	0	%100
54	M51C	Z	-.428	-.428	0	%100
55	M52A	X	-.247	-.247	0	%100
56	M52A	Z	-.428	-.428	0	%100
57	M53	X	-.492	-.492	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,%]
58	M53	Z	-.853	-.853	0	%100
59	M56	X	-.273	-.273	0	%100
60	M56	Z	-.474	-.474	0	%100
61	M57	X	0	0	0	%100
62	M57	Z	0	0	0	%100
63	M61	X	-.164	-.164	0	%100
64	M61	Z	-.284	-.284	0	%100
65	M62	X	-.502	-.502	0	%100
66	M62	Z	-.869	-.869	0	%100
67	M64	X	-.528	-.528	0	%100
68	M64	Z	-.915	-.915	0	%100
69	M66	X	-.164	-.164	0	%100
70	M66	Z	-.284	-.284	0	%100
71	M67	X	0	0	0	%100
72	M67	Z	0	0	0	%100
73	M69	X	0	0	0	%100
74	M69	Z	0	0	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.287	-.287	0	%100
78	M75	Z	-.498	-.498	0	%100
79	M79B	X	-.195	-.195	0	%100
80	M79B	Z	-.338	-.338	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-.195	-.195	0	%100
84	M78	Z	-.338	-.338	0	%100
85	MP5A	X	-.26	-.26	0	%100
86	MP5A	Z	-.45	-.45	0	%100
87	MP4A	X	-.26	-.26	0	%100
88	MP4A	Z	-.45	-.45	0	%100
89	MP2A	X	-.26	-.26	0	%100
90	MP2A	Z	-.45	-.45	0	%100
91	MP1A	X	-.26	-.26	0	%100
92	MP1A	Z	-.45	-.45	0	%100
93	MP3A	X	-.315	-.315	0	%100
94	MP3A	Z	-.545	-.545	0	%100
95	MP5C	X	-.26	-.26	0	%100
96	MP5C	Z	-.45	-.45	0	%100
97	MP4C	X	-.26	-.26	0	%100
98	MP4C	Z	-.45	-.45	0	%100
99	MP2C	X	-.26	-.26	0	%100
100	MP2C	Z	-.45	-.45	0	%100
101	MP1C	X	-.26	-.26	0	%100
102	MP1C	Z	-.45	-.45	0	%100
103	MP3C	X	-.315	-.315	0	%100
104	MP3C	Z	-.545	-.545	0	%100
105	MP5B	X	-.26	-.26	0	%100
106	MP5B	Z	-.45	-.45	0	%100
107	MP4B	X	-.26	-.26	0	%100
108	MP4B	Z	-.45	-.45	0	%100
109	MP2B	X	-.26	-.26	0	%100
110	MP2B	Z	-.45	-.45	0	%100
111	MP1B	X	-.26	-.26	0	%100
112	MP1B	Z	-.45	-.45	0	%100
113	MP3B	X	-.315	-.315	0	%100
114	MP3B	Z	-.545	-.545	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,%]
115	M130	X	-.137	-.137	0	%100
116	M130	Z	-.238	-.238	0	%100
117	M131	X	0	0	0	%100
118	M131	Z	0	0	0	%100
119	M134	X	-.137	-.137	0	%100
120	M134	Z	-.238	-.238	0	%100
121	OVP	X	-.237	-.237	0	%100
122	OVP	Z	-.41	-.41	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	M32	Y	-1.884	-4.426	0	.832
2	M32	Y	-4.426	-7.044	.832	1.665
3	M32	Y	-7.044	-8.26	1.665	2.497
4	M32	Y	-8.26	-6.573	2.497	3.329
5	M32	Y	-6.573	-3.462	3.329	4.162
6	M33	Y	-3.463	-6.545	0	.832
7	M33	Y	-6.545	-8.189	.832	1.665
8	M33	Y	-8.189	-6.902	1.665	2.497
9	M33	Y	-6.902	-4.228	2.497	3.329
10	M33	Y	-4.228	-1.661	3.329	4.162
11	M56	Y	-1.661	-4.228	0	.832
12	M56	Y	-4.228	-6.902	.832	1.665
13	M56	Y	-6.902	-8.189	1.665	2.497
14	M56	Y	-8.189	-6.545	2.497	3.329
15	M56	Y	-6.545	-3.463	3.329	4.162
16	M57	Y	-3.462	-6.573	0	.832
17	M57	Y	-6.573	-8.26	.832	1.665
18	M57	Y	-8.26	-7.044	1.665	2.497
19	M57	Y	-7.044	-4.426	2.497	3.329
20	M57	Y	-4.426	-1.884	3.329	4.162
21	M51B	Y	-1.879	-4.428	0	.832
22	M51B	Y	-4.428	-7.042	.832	1.665
23	M51B	Y	-7.042	-8.256	1.665	2.497
24	M51B	Y	-8.256	-6.578	2.497	3.329
25	M51B	Y	-6.578	-3.47	3.329	4.162
26	M52B	Y	-3.463	-6.545	0	.832
27	M52B	Y	-6.545	-8.189	.832	1.665
28	M52B	Y	-8.189	-6.9	1.665	2.497
29	M52B	Y	-6.9	-4.227	2.497	3.329
30	M52B	Y	-4.227	-1.665	3.329	4.162

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	M32	Y	-3.664	-8.628	0	.832
2	M32	Y	-8.628	-13.716	.832	1.665
3	M32	Y	-13.716	-16.081	1.665	2.497
4	M32	Y	-16.081	-12.812	2.497	3.329
5	M32	Y	-12.812	-6.758	3.329	4.162
6	M33	Y	-6.745	-12.746	0	.832
7	M33	Y	-12.746	-15.952	.832	1.665
8	M33	Y	-15.952	-13.442	1.665	2.497
9	M33	Y	-13.442	-8.232	2.497	3.329
10	M33	Y	-8.232	-3.244	3.329	4.162
11	M51B	Y	-3.661	-8.626	0	.832
12	M51B	Y	-8.626	-13.716	.832	1.665

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,%]
13	M51B	Y	-13.716	-16.082	1.665	2.497
14	M51B	Y	-16.082	-12.813	2.497	3.329
15	M51B	Y	-12.813	-6.759	3.329	4.162
16	M52B	Y	-6.745	-12.748	0	.832
17	M52B	Y	-12.748	-15.951	.832	1.665
18	M52B	Y	-15.951	-13.44	1.665	2.497
19	M52B	Y	-13.44	-8.233	2.497	3.329
20	M52B	Y	-8.233	-3.244	3.329	4.162
21	M56	Y	-3.236	-8.236	0	.832
22	M56	Y	-8.236	-13.444	.832	1.665
23	M56	Y	-13.444	-15.95	1.665	2.497
24	M56	Y	-15.95	-12.748	2.497	3.329
25	M56	Y	-12.748	-6.746	3.329	4.162
26	M57	Y	-6.743	-12.804	0	.832
27	M57	Y	-12.804	-16.09	.832	1.665
28	M57	Y	-16.09	-13.722	1.665	2.497
29	M57	Y	-13.722	-8.622	2.497	3.329
30	M57	Y	-8.622	-3.671	3.329	4.162

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	M32	Y	-.084	-.197	0	.832
2	M32	Y	-.197	-.313	.832	1.665
3	M32	Y	-.313	-.367	1.665	2.497
4	M32	Y	-.367	-.292	2.497	3.329
5	M32	Y	-.292	-.154	3.329	4.162
6	M33	Y	-.154	-.291	0	.832
7	M33	Y	-.291	-.364	.832	1.665
8	M33	Y	-.364	-.307	1.665	2.497
9	M33	Y	-.307	-.188	2.497	3.329
10	M33	Y	-.188	-.074	3.329	4.162
11	M56	Y	-.074	-.188	0	.832
12	M56	Y	-.188	-.307	.832	1.665
13	M56	Y	-.307	-.364	1.665	2.497
14	M56	Y	-.364	-.291	2.497	3.329
15	M56	Y	-.291	-.154	3.329	4.162
16	M57	Y	-.154	-.292	0	.832
17	M57	Y	-.292	-.367	.832	1.665
18	M57	Y	-.367	-.313	1.665	2.497
19	M57	Y	-.313	-.197	2.497	3.329
20	M57	Y	-.197	-.084	3.329	4.162
21	M51B	Y	-.083	-.197	0	.832
22	M51B	Y	-.197	-.313	.832	1.665
23	M51B	Y	-.313	-.367	1.665	2.497
24	M51B	Y	-.367	-.292	2.497	3.329
25	M51B	Y	-.292	-.154	3.329	4.162
26	M52B	Y	-.154	-.291	0	.832
27	M52B	Y	-.291	-.364	.832	1.665
28	M52B	Y	-.364	-.307	1.665	2.497
29	M52B	Y	-.307	-.188	2.497	3.329
30	M52B	Y	-.188	-.074	3.329	4.162

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	M32	Z	-.209	-.491	0	.832
2	M32	Z	-.491	-.782	.832	1.665

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,%]
3	M32	Z	-.782	-.917	1.665	2.497
4	M32	Z	-.917	-.729	2.497	3.329
5	M32	Z	-.729	-.384	3.329	4.162
6	M33	Z	-.384	-.726	0	.832
7	M33	Z	-.726	-.909	.832	1.665
8	M33	Z	-.909	-.766	1.665	2.497
9	M33	Z	-.766	-.469	2.497	3.329
10	M33	Z	-.469	-.184	3.329	4.162
11	M56	Z	-.184	-.469	0	.832
12	M56	Z	-.469	-.766	.832	1.665
13	M56	Z	-.766	-.909	1.665	2.497
14	M56	Z	-.909	-.726	2.497	3.329
15	M56	Z	-.726	-.384	3.329	4.162
16	M57	Z	-.384	-.729	0	.832
17	M57	Z	-.729	-.917	.832	1.665
18	M57	Z	-.917	-.782	1.665	2.497
19	M57	Z	-.782	-.491	2.497	3.329
20	M57	Z	-.491	-.209	3.329	4.162
21	M51B	Z	-.209	-.491	0	.832
22	M51B	Z	-.491	-.781	.832	1.665
23	M51B	Z	-.781	-.916	1.665	2.497
24	M51B	Z	-.916	-.73	2.497	3.329
25	M51B	Z	-.73	-.385	3.329	4.162
26	M52B	Z	-.384	-.726	0	.832
27	M52B	Z	-.726	-.909	.832	1.665
28	M52B	Z	-.909	-.766	1.665	2.497
29	M52B	Z	-.766	-.469	2.497	3.329
30	M52B	Z	-.469	-.185	3.329	4.162

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	M32	X	.209	.491	0	.832
2	M32	X	.491	.782	.832	1.665
3	M32	X	.782	.917	1.665	2.497
4	M32	X	.917	.729	2.497	3.329
5	M32	X	.729	.384	3.329	4.162
6	M33	X	.384	.726	0	.832
7	M33	X	.726	.909	.832	1.665
8	M33	X	.909	.766	1.665	2.497
9	M33	X	.766	.469	2.497	3.329
10	M33	X	.469	.184	3.329	4.162
11	M56	X	.184	.469	0	.832
12	M56	X	.469	.766	.832	1.665
13	M56	X	.766	.909	1.665	2.497
14	M56	X	.909	.726	2.497	3.329
15	M56	X	.726	.384	3.329	4.162
16	M57	X	.384	.729	0	.832
17	M57	X	.729	.917	.832	1.665
18	M57	X	.917	.782	1.665	2.497
19	M57	X	.782	.491	2.497	3.329
20	M57	X	.491	.209	3.329	4.162
21	M51B	X	.209	.491	0	.832
22	M51B	X	.491	.781	.832	1.665
23	M51B	X	.781	.916	1.665	2.497
24	M51B	X	.916	.73	2.497	3.329
25	M51B	X	.73	.385	3.329	4.162

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,%]
26	M52B	X	.384	.726	0	.832
27	M52B	X	.726	.909	.832	1.665
28	M52B	X	.909	.766	1.665	2.497
29	M52B	X	.766	.469	2.497	3.329
30	M52B	X	.469	.185	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57	N59	N35	N34	Y	Two Way	-.005
2	N63	N64	N88	N86	Y	Two Way	-.005
3	N7	N87B	N87C	N6	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N57	N34	N35	Y	Two Way	-.01
2	N7	N87B	N87C	N6	Y	Two Way	-.01
3	N63	N64	N88	N86	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57	N59	N35	N34	Y	Two Way	-.000231
2	N63	N64	N88	N86	Y	Two Way	-.000231
3	N7	N87B	N87C	N6	Y	Two Way	-.000231

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57	N59	N35	N34	Z	Two Way	-.000577
2	N63	N64	N88	N86	Z	Two Way	-.000577
3	N7	N87B	N87C	N6	Z	Two Way	-.000577

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N57	N59	N35	N34	X	Two Way	.000577
2	N63	N64	N88	N86	X	Two Way	.000577
3	N7	N87B	N87C	N6	X	Two Way	.000577

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [...	LC
1	N3	m...	1372.188	10	2746.74	13	2558.78	1	5.523	13	2.023	4	.42	4
2		m...	-1370.124	4	489.309	7	-2677.327	7	-.191	7	-2.015	10	-.476	10
3	N32	m...	2167.775	10	2870.664	21	1713.837	1	-.152	2	2.673	12	-.271	3
4		m...	-2271.719	4	522.247	3	-1661.686	7	-3.016	20	-2.67	6	-5.266	21
5	N61	m...	2189.576	11	2577.756	17	1558.096	1	-.051	11	1.891	8	4.487	17
6		m...	-2091.195	5	412.216	11	-1491.696	7	-2.929	29	-1.891	2	.007	11
7	Totals:	m...	5651.982	10	7714.195	23	5830.714	1						
8		m...	-5651.981	4	2450.807	68	-5830.708	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	PIPE_...	.174	7.813	20	.133	7...		10	28250...	65205	5.749	5.749	...H1-...
2	M4	HSS4...	.345	0	13	.084	0	y	23	12465...	139518	16.181	16.181	...H1-...
3	M10	HSS4...	.183	2.375	14	.054	....	z	2	13626...	139518	16.181	16.181	...H1-...
4	M43	HSS4...	.191	0	24	.059	2...	z	12	13626...	139518	16.181	16.181	...H1-...
5	M46	PL3/8x6	.224	.516	12	.139	1...	y	4	36285...	72900	.57	9.113	...H1-...
6	M51B	L2x2x2	.260	0	3	.015	4...	y	16	6710.6...	15466...	.391	.653	...H2-1
7	M52B	L2x2x2	.277	0	12	.015	0	y	22	6710.6...	15466...	.391	.668	...H2-1
8	M76	PL3/8x6	.242	0	2	.250	0	y	21	70647...	72900	.57	9.113	...H1-...
9	M77	PL3/8x6	.326	.167	8	.369	0	y	14	71583...	72900	.57	9.113	...H1-...
10	M80	PL3/8x6	.101	.112	12	.136	....	y	4	72302...	72900	.57	9.113	...H1-...
11	M84	PL3/8x6	.366	0	12	.262	0	y	17	70647...	72900	.57	9.113	...H1-...
12	M85	PL3/8x6	.380	.167	6	.386	0	y	24	71583...	72900	.57	9.113	...H1-...
13	M91	PL3/8x6	.105	.112	2	.133	....	y	10	72302...	72900	.57	9.113	...H1-...
14	M26	HSS4...	.388	0	23	.083	0	y	43	12465...	139518	16.181	16.181	...H1-...
15	M27	HSS4...	.206	2.375	22	.062	2...	y	21	13626...	139518	16.181	16.181	...H1-...
16	M28	HSS4...	.206	0	20	.062	0	y	21	13626...	139518	16.181	16.181	...H1-...
17	M29	PL3/8x6	.198	.516	8	.155	....	y	6	36285...	72900	.57	9.113	...H1-...
18	M32	L2x2x2	.295	0	11	.015	4...	y	24	6710.6...	15466...	.391	.653	...H2-1
19	M33	L2x2x2	.287	4.162	7	.015	0	y	18	6710.6...	15466...	.391	.653	...H2-1
20	M37	PL3/8x6	.267	0	10	.268	0	y	16	70647...	72900	.57	9.113	...H1-...
21	M38	PL3/8x6	.362	.167	4	.420	0	y	22	71583...	72900	.57	9.113	...H1-...
22	M40	PL3/8x6	.108	.112	7	.154	0	y	6	72302...	72900	.57	9.113	...H1-...
23	M42	PL3/8x6	.273	0	8	.277	0	y	13	70647...	72900	.57	9.113	...H1-...
24	M43A	PL3/8x6	.355	.167	2	.418	0	y	20	71583...	72900	.57	9.113	...H1-...
25	M45	PL3/8x6	.105	.112	11	.151	....	y	6	72302...	72900	.57	9.113	...H1-...
26	M50A	HSS4...	.330	0	17	.086	0	y	42	12465...	139518	16.181	16.181	...H1-...
27	M51C	HSS4...	.190	2.375	18	.061	....	z	6	13626...	139518	16.181	16.181	...H1-...
28	M52A	HSS4...	.184	0	16	.054	0	y	17	13626...	139518	16.181	16.181	...H1-...
29	M53	PL3/8x6	.223	.516	12	.148	....	y	26	36285...	72900	.57	9.113	...H1-...
30	M56	L2x2x2	.281	4.162	6	.015	4...	y	20	6710.6...	15466...	.391	.668	...H2-1
31	M57	L2x2x2	.254	4.162	3	.015	0	y	14	6710.6...	15466...	.391	.653	...H2-1
32	M61	PL3/8x6	.355	0	6	.248	0	y	24	70647...	72900	.57	9.113	...H1-...
33	M62	PL3/8x6	.384	.167	12	.385	0	y	18	71583...	72900	.57	9.113	...H1-...
34	M64	PL3/8x6	.107	.112	3	.246	0	y	26	72302...	72900	.57	9.113	...H1-...
35	M66	PL3/8x6	.256	0	4	.261	0	y	21	70647...	72900	.57	9.113	...H1-...
36	M67	PL3/8x6	.320	.167	10	.370	0	y	16	71583...	72900	.57	9.113	...H1-...
37	M69	PL3/8x6	.101	.112	6	.146	....	y	2	72302...	72900	.57	9.113	...H1-...
38	M74	PIPE_...	.157	7.812	16	.144	7...		6	28250...	65205	5.749	5.749	...H1-...
39	M75	PIPE_...	.172	4.687	22	.132	7...		2	28250...	65205	5.749	5.749	...H1-...
40	M79B	PIPE_...	.193	7.118	5	.191	1...		5	5266.4...	32130	1.872	1.872	...H1-...
41	M77A	PIPE_...	.186	2.135	5	.196	1...		5	5266.4...	32130	1.872	1.872	...H1-...
42	M78	PIPE_...	.199	2.135	12	.205	1...		1	5266.4...	32130	1.872	1.872	...H1-...
43	MP5A	PIPE_...	.239	4.313	11	.097	4...		10	20866...	32130	1.872	1.872	...H1-...
44	MP4A	PIPE_...	.266	4.313	5	.105	3...		10	20866...	32130	1.872	1.872	...H1-...
45	MP2A	PIPE_...	.263	4.313	9	.116	4...		5	20866...	32130	1.872	1.872	...H1-...
46	MP1A	PIPE_...	.229	4.313	10	.095	4...		4	20866...	32130	1.872	1.872	...H1-...
47	MP3A	PIPE_...	.271	4.818	11	.126	2...		10	14558...	50715	3.596	3.596	...H1-...
48	MP5C	PIPE_...	.224	4.313	6	.089	4...		6	20866...	32130	1.872	1.872	...H1-...
49	MP4C	PIPE_...	.257	4.313	1	.115	3...		6	20866...	32130	1.872	1.872	...H1-...
50	MP2C	PIPE_...	.259	4.313	5	.120	4...		12	20866...	32130	1.872	1.872	...H1-...
51	MP1C	PIPE_...	.223	4.313	12	.088	4...		12	20866...	32130	1.872	1.872	...H1-...
52	MP3C	PIPE_...	.263	4.818	6	.137	2...		6	14558...	50715	3.596	3.596	...H1-...
53	MP5B	PIPE_...	.223	4.313	8	.095	4...		2	20866...	32130	1.872	1.872	...H1-...
54	MP4B	PIPE_...	.253	4.313	9	.110	3...		1	20866...	32130	1.872	1.872	...H1-...
55	MP2B	PIPE_...	.282	4.313	1	.111	4...		8	20866...	32130	1.872	1.872	...H1-...
56	MP1B	PIPE_...	.245	4.313	7	.095	4...		8	20866...	32130	1.872	1.872	...H1-...
57	MP3B	PIPE_...	.268	4.818	7	.125	2...		2	14558...	50715	3.596	3.596	...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
58	M130	PIPE_...	.135	.746	4	.388	0		4	30919...	32130	1.872	1.872	...	H3-6
59	M131	PIPE_...	.172	.727	12	.437	0		12	30919...	32130	1.872	1.872	...	H3-6
60	M134	PIPE_...	.140	.746	8	.392	0		8	30919...	32130	1.872	1.872	...	H3-6
61	OVP	PIPE_...	.216	3.5	12	.018	3.5		12	26521...	32130	1.872	1.872	...	H1-...

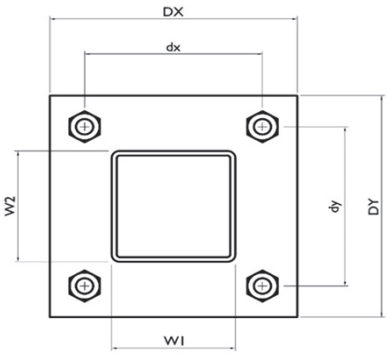
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	MONROE WEST CT		
MDG #:	5000386928		
Fuze ID #:	17123811	Page:	1

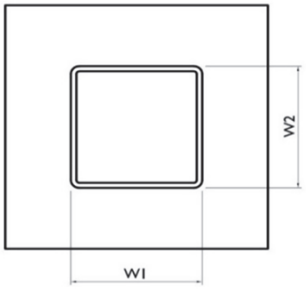
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	8
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	8
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	4.7
Required Shear Strength / bolt (kips):	0.7
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**22.9%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	10
Plate Height, D_y (in):	10
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.625
Length of Yield Line, L_y (in):	7.85
Bolt Eccentricity, e (in):	3.06
M_u (kip-in):	14.52
Phi*M_n (kip-in):	24.84
Plate Bending Utilization:	**58.5%**



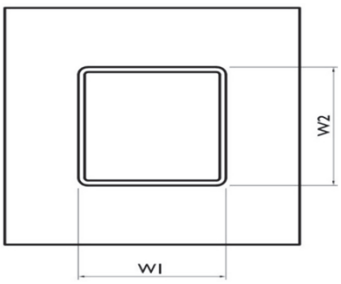
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/11/2023
Site Name:	MONROE WEST CT		
PSLC #:	5000386928		
Fuze ID #:	17123811	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Weld Size (1/16 in):	3
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.37
Weld Capacity (kip/in):	4.18
Weld Utilization:	**56.6%**



Date: **January 16, 2024**

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

Subject:	**Structural Analysis Report**	
Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000386928
	Site Name:	MONROE WEST CT
Crown Castle Designation:	**BU Number:**	876355
	Site Name:	UPPER STEPNEY - TLC
	JDE Job Number:	751366
	Work Order Number:	2278140
	Order Number:	654594 Rev. 0
Engineering Firm Designation:	**Crown Castle Project Number**	2278140
Site Data:	**474-480 Main St., Monroe, Fairfield County, CT**	
	Latitude: *41° 19' 31.99"* Longitude: *-73° 15' 57.05"*	
	191.5 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 - 50.3%**

This analysis has been performed in accordance with the 2022 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 117 mph. Applicable Standard references and design criteria are listed in Section 2 – "Analysis Criteria".

Structural analysis prepared by: Steven Hu

Respectfully submitted by:

Sudarshan Kasera

Digitally signed by Sudarshan C Kasera
Date: 2024.01.19 09:15:37 -05'00'

Sudarshan C Kasera, P.E.
Senior Project Engineer

STATE OF CONNECTICUT
SUDARSHAN CHAKRADHARI KASERA
36378
LICENSED
PROFESSIONAL ENGINEER

TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 191.5 ft Monopole Tower designed by Engineered Endeavors, Inc..

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	117 mph
Exposure Category:	B
Topographic Factor:	1
Ice Thickness:	1.00 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
162	162	1	tower mounts	Platform Mount [LP 303-1_HR-1]	7	1-5/8
	160	4	antel	LPA-80063/6CF w/ Mount Pipe		
		2	antel	LPA-80080/4CF w/ Mount Pipe		
		3	commscope	CBC78T-DS-43-2X		
		6	commscope	JAHH-65B-R3B-V3 w/ Mount Pipe		
		4	kaelus	BSF0020F3V1		
		1	raycap	RCMDC-6627-PF-48		
		3	samsung telecommunications	MT6407-77A w/ Mount Pipe		
		3	samsung telecommunications	RFV01U-D1A		
		3	samsung telecommunications	RFV01U-D2A		

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
192	194	3	ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe	3	1-5/8
	192	3	commscope	ATSBT-TOP-MF-4G		
		3	ericsson	RADIO 4415 B66A_CCIV3		
		3	ericsson	RADIO 4424 B25_TMO		
		3	ericsson	RADIO 4449 B12/B71		
		3	rfs celwave	APX16DWV-16DWV-S-E-A20 w/ Mount Pipe		
		3	rfs celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		1	tower mounts	Platform Mount [LP 303-1_HR-1]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
154	154	3	alcatel lucent	800 EXTERNAL NOTCH FILTER	-	-
		3	alcatel lucent	800MHZ 2X50W RRH		
		3	alcatel lucent	PCS 1900MHZ 4X45W-65MHZ		
		1	tower mounts	Side Arm Mount [SO 102-3]		
150	150	3	alcatel lucent	TD-RRH8X20-25	4	1-1/4
		3	rfs celwave	APXVSPP18-C-A20 w/ Mount Pipe		
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe		
		1	tower mounts	Platform Mount [LP 601-1]		
137	141	1	site pro 1	HRK14	6 1	1-1/4 3/8
	140	6	cci antennas	OPA-65R-BU6DA-K w/ Mount Pipe		
		3	ericsson	RRUS 4449 B5/B12		
		3	ericsson	RRUS 4478 B14_CCIV2		
		3	ericsson	RRUS 8843 B2/B66A_CCIV2		
		1	raycap	DC6-48-60-18-8C-EV		
		1	raycap	DC6-48-60-18-8F		
	137	1	tower mounts	Platform Mount [LP 303-1]		
50	52	1	kathrein	OG-860/1920/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	1531885	CCISITES
4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS	1631625	CCISITES
4-TOWER MANUFACTURER DRAWINGS	1631582	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	191.5 - 172.46	Pole	TP20.46x15.5x0.1875	1	-4.32	711.71	21.1	Pass
L2	172.46 - 127.753	Pole	TP31.6x19.2819x0.3125	2	-19.40	1835.55	39.2	Pass
L3	127.753 - 83.083	Pole	TP42.49x29.8151x0.4375	3	-30.13	3458.67	39.8	Pass
L4	83.083 - 40.456	Pole	TP52.59x40.1114x0.5	4	-45.22	4900.01	38.6	Pass
L5	40.456 - 0	Pole	TP62x49.7661x0.5	5	-66.53	5995.11	41.9	Pass
							Summary	
						Pole (L5)	41.9	Pass
						RATING =	41.9	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC7

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	39.1	Pass
1	Base Plate	0	49.5	Pass
1	Base Foundation (Structural)	0	50.3	Pass
1	Base Foundation (Soil)	0	43.5	Pass

Structure Rating (max from all components) =	**50.3%**

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

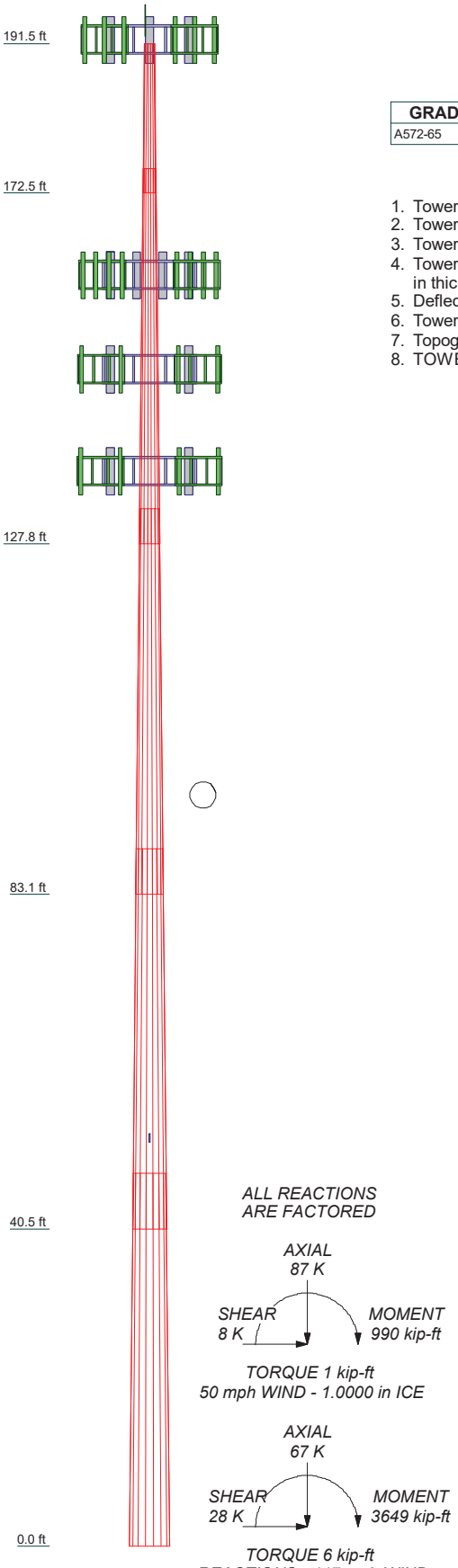
4.1) Recommendations

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	19.04	18	0.1875	3.08	15.5000	20.4600		0.7
2	47.79	18	0.3125	4.50	19.2819	31.6000		4.1
3	49.17	18	0.4375	5.83	29.8151	42.4900	A572-65	8.3
4	48.46	18	0.5000	7.08	40.1114	52.5900		12.0
5	47.54	18	0.5000		49.7661	62.0000		14.2
								39.3



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 B to the TIA-222-H Standard.
3. Tower designed for a 117 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: 41.9%

CROWN CASTLE
The Pathway to Possible

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

Job: ***BU# 876355***			
Project:			
Client: Crown Castle	Drawn by: SHu	App'd:	
Code: TIA-222-H	Date: 01/16/24	Scale: NTS	
Path: C:\SAPI Work Area\876355\WO 2278140 - SA\Prod\876355.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: 446.00 ft.
Basic wind speed of 117 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.00 ft.
Nominal ice thickness of 1.0000 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	191.50-172.46	19.04	3.08	18	15.5000	20.4600	0.1875	0.7500	A572-65 (65 ksi)
L2	172.46-127.75	47.79	4.50	18	19.2819	31.6000	0.3125	1.2500	A572-65 (65 ksi)
L3	127.75-83.08	49.17	5.83	18	29.8151	42.4900	0.4375	1.7500	A572-65 (65 ksi)
L4	83.08-40.46	48.46	7.08	18	40.1114	52.5900	0.5000	2.0000	A572-65 (65 ksi)
L5	40.46-0.00	47.54		18	49.7661	62.0000	0.5000	2.0000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	15.7102	9.1129	269.9504	5.4359	7.8740	34.2838	540.2560	4.5573	2.3980	12.789
	20.7467	12.0647	626.4228	7.1967	10.3937	60.2696	1253.6699	6.0335	3.2710	17.445
L2	20.3380	18.8152	855.3677	6.7341	9.7952	87.3253	1711.8609	9.4094	2.8436	9.1
	32.0393	31.0333	3838.0178	11.1071	16.0528	239.0871	7681.0857	15.5196	5.0116	16.037
L3	31.3854	40.7945	4448.0675	10.4290	15.1461	293.6780	8901.9879	20.4011	4.4775	10.234
	43.0780	58.3952	13046.6163	14.9286	21.5849	604.4320	26110.3996	29.2031	6.7082	15.333
L4	42.1782	62.8633	12461.6197	14.0620	20.3766	611.5657	24939.6367	31.4376	6.1796	12.359
	53.3242	82.6668	28338.5385	18.4919	26.7157	1060.7440	56714.3657	41.3413	8.3758	16.752
L5	52.3076	78.1853	23975.0231	17.4895	25.2812	948.3348	47981.5932	39.1001	7.8788	15.758
	62.8793	97.6005	46637.9792	21.8325	31.4960	1480.7588	93337.3258	48.8095	10.0320	20.064

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 191.50-172.46				1	1	1			
L2 172.46-127.75				1	1	1			
L3 127.75-83.08				1	1	1			
L4 83.08-40.46				1	1	1			
L5 40.46-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

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

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight plf
***									
HCS 6X12 4AWG(1-5/8)	C	No	No	Inside Pole	191.50 - 0.00	3	No Ice	0.00	2.40
							1/2'' Ice	0.00	2.40
							1'' Ice	0.00	2.40
***									
AVA7-50(1-5/8)	C	No	No	Inside Pole	162.00 - 0.00	6	No Ice	0.00	0.70
							1/2'' Ice	0.00	0.70
							1'' Ice	0.00	0.70
HB158-1-13U6-S6F18(1-5/8)	C	No	No	Inside Pole	162.00 - 0.00	1	No Ice	0.00	1.90
							1/2'' Ice	0.00	1.90
							1'' Ice	0.00	1.90
***									
HB114-21U3M12-XXXF(1-1/4)	C	No	No	Inside Pole	150.00 - 0.00	1	No Ice	0.00	1.22
							1/2'' Ice	0.00	1.22
							1'' Ice	0.00	1.22
HB114-1-0813U4-M5J(1-1/4)	C	No	No	Inside Pole	150.00 - 0.00	3	No Ice	0.00	1.20
							1/2'' Ice	0.00	1.20
							1'' Ice	0.00	1.20
***									
LDF6-50A(1-1/4)	C	No	No	Inside Pole	137.00 - 0.00	6	No Ice	0.00	0.60
							1/2'' Ice	0.00	0.60
							1'' Ice	0.00	0.60
FB-L98B-002-XXX(3/8)	C	No	No	Inside Pole	137.00 - 0.00	2	No Ice	0.00	0.06
							1/2'' Ice	0.00	0.06
							1'' Ice	0.00	0.06
PWRT-606-S(7/8)	C	No	No	Inside Pole	137.00 - 0.00	2	No Ice	0.00	0.89
							1/2'' Ice	0.00	0.89
							1'' Ice	0.00	0.89
PWRT-608-S(13/16)	C	No	No	Inside Pole	137.00 - 0.00	2	No Ice	0.00	0.62
							1/2'' Ice	0.00	0.62
							1'' Ice	0.00	0.62
***									
LDF4-50A(1/2)	C	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	191.50-172.46	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.14
L2	172.46-127.75	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.70
L3	127.75-83.08	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	1.11
L4	83.08-40.46	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	1.06
L5	40.46-0.00	A	0.000	0.000	0.000	0.000	0.00

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	1.01

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	191.50-172.46	A	1.008	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.14
L2	172.46-127.75	A	0.988	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.70
L3	127.75-83.08	A	0.954	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	1.11
L4	83.08-40.46	A	0.905	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	1.06
L5	40.46-0.00	A	0.807	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	1.01

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	191.50-172.46	0.0000	0.0000	0.0000	0.0000
L2	172.46-127.75	0.0000	0.0000	0.0000	0.0000
L3	127.75-83.08	0.0000	0.0000	0.0000	0.0000
L4	83.08-40.46	0.0000	0.0000	0.0000	0.0000
L5	40.46-0.00	0.0000	0.0000	0.0000	0.0000

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

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
Lightning Rod 5/8''x6'	C	From Leg	0.00 0.00 3.00	0.00	191.50

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft
***					
Platform Mount [LP 303-1_HR-1]	C	None		0.00	192.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From Leg	4.00 0.00 2.00	0.00	192.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From Leg	4.00 0.00 2.00	0.00	192.00
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From Leg	4.00 0.00 2.00	0.00	192.00
APXVAARR24_43-U-NA20 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	192.00
APXVAARR24_43-U-NA20 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	192.00
APXVAARR24_43-U-NA20 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	192.00
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	192.00
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	192.00
APX16DWV-16DWV-S-E-A20 w/ Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4449 B12/B71	A	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4449 B12/B71	B	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4449 B12/B71	C	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4424 B25_TMO	A	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4424 B25_TMO	B	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4424 B25_TMO	C	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4415 B66A_CCIV3	A	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4415 B66A_CCIV3	B	From Leg	4.00 0.00 0.00	0.00	192.00
RADIO 4415 B66A_CCIV3	C	From Leg	4.00 0.00 0.00	0.00	192.00
ATSBT-TOP-MF-4G	A	From Leg	4.00	0.00	192.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
			0.00 0.00		
ATSBT-TOP-MF-4G	B	From Leg	4.00 0.00 0.00	0.00	192.00
ATSBT-TOP-MF-4G	C	From Leg	4.00 0.00 0.00	0.00	192.00
***					
Platform Mount [LP 303-1_HR-1]	C	None		0.00	162.00
6'x2'' Mount Pipe	A	From Leg	2.00 0.00 0.00	0.00	162.00
6'x2'' Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	162.00
6'x2'' Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	162.00
6'x2'' Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	162.00
(2) LPA-80063/6CF w/ Mount Pipe	A	From Leg	4.00 0.00 -2.00	0.00	162.00
(2) LPA-80063/6CF w/ Mount Pipe	B	From Leg	4.00 0.00 -2.00	0.00	162.00
(2) LPA-80080/4CF w/ Mount Pipe	C	From Leg	4.00 0.00 -2.00	0.00	162.00
(2) JAHH-65B-R3B-V3 w/ Mount Pipe	A	From Leg	4.00 0.00 -2.00	0.00	162.00
(2) JAHH-65B-R3B-V3 w/ Mount Pipe	B	From Leg	4.00 0.00 -2.00	0.00	162.00
(2) JAHH-65B-R3B-V3 w/ Mount Pipe	C	From Leg	4.00 0.00 -2.00	0.00	162.00
MT6407-77A w/ Mount Pipe	A	From Leg	4.00 0.00 -2.00	0.00	162.00
MT6407-77A w/ Mount Pipe	B	From Leg	4.00 0.00 -2.00	0.00	162.00
MT6407-77A w/ Mount Pipe	C	From Leg	4.00 0.00 -2.00	0.00	162.00
CBC78T-DS-43-2X	A	From Leg	4.00 0.00 -2.00	0.00	162.00
CBC78T-DS-43-2X	B	From Leg	4.00 0.00 -2.00	0.00	162.00
CBC78T-DS-43-2X	C	From Leg	4.00 0.00	0.00	162.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft
			-2.00		
RCMDC-6627-PF-48	A	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
RFV01U-D1A	A	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
RFV01U-D1A	B	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
RFV01U-D1A	C	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
(3) RFV01U-D2A	A	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
(2) BSF0020F3V1	A	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
(2) BSF0020F3V1	B	From Leg	4.00	0.00	162.00
			0.00		
			-2.00		
***					
Side Arm Mount [SO 102-3]	C	None		0.00	154.00
PCS 1900MHZ 4X45W-65MHZ	A	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
PCS 1900MHZ 4X45W-65MHZ	B	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
PCS 1900MHZ 4X45W-65MHZ	C	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
800 EXTERNAL NOTCH FILTER	A	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
800 EXTERNAL NOTCH FILTER	B	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
800 EXTERNAL NOTCH FILTER	C	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
800MHZ 2X50W RRH	A	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
800MHZ 2X50W RRH	B	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
800MHZ 2X50W RRH	C	From Leg	4.00	0.00	154.00
			0.00		
			0.00		
***					
Platform Mount [LP 601-1]	C	None		0.00	150.00
Transition Ladder	C	From Leg	2.00	0.00	150.00
			0.00		
			-3.00		
6'x2'' Mount Pipe	A	From Leg	4.00	0.00	150.00
			0.00		

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft ft	Azimuth Adjustment °	Placement ft
			0.00		
6'x2'' Mount Pipe	B	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
6'x2'' Mount Pipe	C	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
APXVTM14-C-120 w/ Mount Pipe	A	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
APXVTM14-C-120 w/ Mount Pipe	B	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
APXVTM14-C-120 w/ Mount Pipe	C	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
APXVSPP18-C-A20 w/ Mount Pipe	A	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
APXVSPP18-C-A20 w/ Mount Pipe	B	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
APXVSPP18-C-A20 w/ Mount Pipe	C	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
TD-RRH8X20-25	A	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
TD-RRH8X20-25	B	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
TD-RRH8X20-25	C	From Leg	4.00	0.00	150.00
			0.00		
			0.00		
***					
6'x2'' Mount Pipe	A	From Leg	0.00	0.00	140.00
			0.00		
			0.00		
6'x2'' Mount Pipe	B	From Leg	0.00	0.00	140.00
			0.00		
			0.00		
6'x2'' Mount Pipe	C	From Leg	0.00	0.00	140.00
			0.00		
			0.00		
***					
Platform Mount [LP 303-1]	C	None		0.00	137.00
HRK14	C	From Leg	0.00	0.00	137.00
			0.00		
			4.00		
6'x2'' Mount Pipe	A	From Leg	2.00	0.00	137.00
			0.00		
			3.00		
6'x2'' Mount Pipe	B	From Leg	2.00	0.00	137.00
			0.00		
			3.00		
6'x2'' Mount Pipe	C	From Leg	2.00	0.00	137.00
			0.00		
			3.00		

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft	Azimuth Adjustment °	Placement ft
2'x2'' Mount Pipe	A	From Leg	4.00 0.00 0.00	0.00	137.00
2'x2'' Mount Pipe	B	From Leg	4.00 0.00 0.00	0.00	137.00
2'x2'' Mount Pipe	C	From Leg	4.00 0.00 0.00	0.00	137.00
(2) OPA-65R-BU6DA-K w/ Mount Pipe	A	From Leg	4.00 0.00 3.00	0.00	137.00
(2) OPA-65R-BU6DA-K w/ Mount Pipe	B	From Leg	4.00 0.00 3.00	0.00	137.00
(2) OPA-65R-BU6DA-K w/ Mount Pipe	C	From Leg	4.00 0.00 3.00	0.00	137.00
RRUS 4449 B5/B12	A	From Leg	4.00 0.00 3.00	0.00	137.00
RRUS 4449 B5/B12	B	From Leg	4.00 0.00 3.00	0.00	137.00
RRUS 4449 B5/B12	C	From Leg	4.00 0.00 3.00	0.00	137.00
RRUS 4478 B14_CCIV2	A	From Leg	4.00 0.00 3.00	0.00	137.00
RRUS 4478 B14_CCIV2	B	From Leg	4.00 0.00 3.00	0.00	137.00
RRUS 4478 B14_CCIV2	C	From Leg	4.00 0.00 3.00	0.00	137.00
(2) RRUS 8843 B2/B66A_CCIV2	A	From Leg	4.00 0.00 3.00	0.00	137.00
RRUS 8843 B2/B66A_CCIV2	B	From Leg	4.00 0.00 3.00	0.00	137.00
DC6-48-60-18-8C-EV	C	From Leg	2.00 0.00 3.00	0.00	137.00
DC6-48-60-18-8F	C	From Leg	2.00 0.00 3.00	0.00	137.00
***					
Side Arm Mount [SO 701-1]	A	From Leg	1.50 0.00 0.00	0.00	50.00
OG-860/1920/GPS-A	A	From Leg	3.00 0.00 2.00	0.00	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
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	191.5 - 172.46	Pole	Max Tension	26	0.00	0.00	-0.00
			Max. Compression	26	-7.74	0.00	0.04
			Max. Mx	20	-4.33	72.03	0.18
			Max. My	2	-4.32	-0.00	72.10
			Max. Vy	8	4.72	-72.02	0.18
			Max. Vx	2	-4.72	-0.00	72.10
			Max. Torque	21			2.24
L2	172.46 - 127.753	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-33.76	-0.11	3.51
			Max. Mx	20	-19.43	536.48	2.14
			Max. My	2	-19.40	0.15	545.15
			Max. Vy	20	-18.28	536.48	2.14
			Max. Vx	2	-18.53	0.15	545.15
			Max. Torque	13			5.86
L3	127.753 - 83.083	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-46.23	-0.12	3.63
			Max. Mx	20	-30.16	1396.66	2.13
			Max. My	2	-30.14	0.15	1416.35
			Max. Vy	20	-21.45	1396.66	2.13
			Max. Vx	2	-21.71	0.15	1416.35
			Max. Torque	13			5.86
L4	83.083 - 40.456	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-63.47	-0.12	4.05
			Max. Mx	20	-45.23	2351.87	2.44
			Max. My	2	-45.22	0.15	2382.20
			Max. Vy	20	-24.69	2351.87	2.44
			Max. Vx	2	-24.92	0.15	2382.20
			Max. Torque	13			5.92
L5	40.456 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-87.42	-0.12	4.05
			Max. Mx	20	-66.53	3603.04	2.47
			Max. My	2	-66.53	0.15	3643.82
			Max. Vy	20	-27.87	3603.04	2.47
			Max. Vx	2	-28.08	0.15	3643.82
			Max. Torque	13			5.91

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	87.42	-0.00	7.71
	Max. H_x	20	66.54	27.84	-0.00
	Max. H_z	2	66.54	0.00	28.06
	Max. M_x	2	3643.82	0.00	28.06
	Max. M_z	8	3602.74	-27.84	-0.00
	Max. Torsion	13	5.91	-14.05	-24.33
	Min. Vert	7	49.90	-24.08	13.90
	Min. H_x	8	66.54	-27.84	-0.00
	Min. H_z	14	66.54	0.00	-28.06
	Min. M_x	14	-3638.99	0.00	-28.06
	Min. M_z	20	-3603.04	27.84	-0.00
	Min. Torsion	25	-5.91	14.05	24.33

Tower Mast Reaction Summary

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
Dead Only	55.45	0.00	0.00	-1.89	0.12	-0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	66.54	0.00	-28.06	-3643.82	0.15	0.04
0.9 Dead+1.0 Wind 0 deg - No Ice	49.90	0.00	-28.06	-3597.95	0.11	0.06
1.2 Dead+1.0 Wind 30 deg - No Ice	66.54	13.96	-24.17	-3134.56	-1808.27	-5.82
0.9 Dead+1.0 Wind 30 deg - No Ice	49.90	13.96	-24.17	-3095.03	-1785.83	-5.82
1.2 Dead+1.0 Wind 60 deg - No Ice	66.54	24.08	-13.90	-1801.14	-3115.34	-1.42
0.9 Dead+1.0 Wind 60 deg - No Ice	49.90	24.08	-13.90	-1778.16	-3076.70	-1.42
1.2 Dead+1.0 Wind 90 deg - No Ice	66.54	27.84	0.00	-2.47	-3602.74	3.36
0.9 Dead+1.0 Wind 90 deg - No Ice	49.90	27.84	0.00	-1.81	-3558.05	3.35
1.2 Dead+1.0 Wind 120 deg - No Ice	66.54	24.24	13.99	1811.39	-3141.44	-1.46
0.9 Dead+1.0 Wind 120 deg - No Ice	49.90	24.24	13.99	1789.51	-3102.46	-1.48
1.2 Dead+1.0 Wind 150 deg - No Ice	66.54	14.05	24.33	3155.91	-1823.24	-5.89
0.9 Dead+1.0 Wind 150 deg - No Ice	49.90	14.05	24.33	3117.30	-1800.63	-5.91
1.2 Dead+1.0 Wind 180 deg - No Ice	66.54	0.00	28.06	3638.99	0.15	-0.04
0.9 Dead+1.0 Wind 180 deg - No Ice	49.90	0.00	28.06	3594.41	0.11	-0.06
1.2 Dead+1.0 Wind 210 deg - No Ice	66.54	-13.96	24.17	3129.80	1808.47	5.82
0.9 Dead+1.0 Wind 210 deg - No Ice	49.90	-13.96	24.17	3091.53	1785.98	5.82
1.2 Dead+1.0 Wind 240 deg - No Ice	66.54	-24.08	13.90	1796.32	3115.63	1.42
0.9 Dead+1.0 Wind 240 deg - No Ice	49.90	-24.08	13.90	1774.63	3076.92	1.42
1.2 Dead+1.0 Wind 270 deg - No Ice	66.54	-27.84	0.00	-2.47	3603.04	-3.36
0.9 Dead+1.0 Wind 270 deg - No Ice	49.90	-27.84	0.00	-1.81	3558.27	-3.35
1.2 Dead+1.0 Wind 300 deg - No Ice	66.54	-24.24	-13.99	-1816.21	3141.75	1.46
0.9 Dead+1.0 Wind 300 deg - No Ice	49.90	-24.24	-13.99	-1793.04	3102.69	1.48
1.2 Dead+1.0 Wind 330 deg - No Ice	66.54	-14.05	-24.33	-3160.67	1823.65	5.89
0.9 Dead+1.0 Wind 330 deg - No Ice	49.90	-14.05	-24.33	-3120.79	1800.93	5.91
1.2 Dead+1.0 Ice+1.0 Temp	87.42	0.00	-0.00	-4.05	-0.12	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	87.42	0.00	-7.71	-989.98	-0.12	-0.11
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	87.42	3.84	-6.65	-853.65	-490.52	-1.21
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	87.42	6.64	-3.83	-492.76	-846.21	-0.33
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	87.42	7.67	-0.00	-4.28	-978.21	0.65

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	87.42	6.67	3.85	487.23	-851.43	-0.22
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	87.42	3.86	6.68	850.33	-493.52	-1.03
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	87.42	0.00	7.71	981.43	-0.12	0.11
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	87.42	-3.84	6.65	845.11	490.27	1.21
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	87.42	-6.64	3.83	484.21	845.96	0.33
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	87.42	-7.67	-0.00	-4.28	977.97	-0.65
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	87.42	-6.67	-3.85	-495.78	851.19	0.22
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	87.42	-3.86	-6.68	-858.88	493.29	1.03
Dead+Wind 0 deg - Service	55.45	0.00	-6.95	-897.59	0.12	0.01
Dead+Wind 30 deg - Service	55.45	3.46	-5.99	-772.33	-444.64	-1.46
Dead+Wind 60 deg - Service	55.45	5.97	-3.44	-444.38	-766.11	-0.35
Dead+Wind 90 deg - Service	55.45	6.90	0.00	-2.00	-885.98	0.84
Dead+Wind 120 deg - Service	55.45	6.01	3.47	444.10	-772.53	-0.36
Dead+Wind 150 deg - Service	55.45	3.48	6.03	774.77	-448.34	-1.47
Dead+Wind 180 deg - Service	55.45	0.00	6.95	893.60	0.12	-0.01
Dead+Wind 210 deg - Service	55.45	-3.46	5.99	768.34	444.88	1.46
Dead+Wind 240 deg - Service	55.45	-5.97	3.44	440.39	766.35	0.35
Dead+Wind 270 deg - Service	55.45	-6.90	0.00	-2.00	886.23	-0.84
Dead+Wind 300 deg - Service	55.45	-6.01	-3.47	-448.09	772.78	0.36
Dead+Wind 330 deg - Service	55.45	-3.48	-6.03	-778.76	448.59	1.47

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	-55.45	0.00	0.00	55.45	0.00	0.000%
2	0.00	-66.54	-28.06	0.00	66.54	28.06	0.000%
3	0.00	-49.90	-28.06	0.00	49.90	28.06	0.000%
4	13.96	-66.54	-24.17	-13.96	66.54	24.17	0.000%
5	13.96	-49.90	-24.17	-13.96	49.90	24.17	0.000%
6	24.08	-66.54	-13.90	-24.08	66.54	13.90	0.000%
7	24.08	-49.90	-13.90	-24.08	49.90	13.90	0.000%
8	27.84	-66.54	0.00	-27.84	66.54	-0.00	0.000%
9	27.84	-49.90	0.00	-27.84	49.90	0.00	0.000%
10	24.24	-66.54	13.99	-24.24	66.54	-13.99	0.000%
11	24.24	-49.90	13.99	-24.24	49.90	-13.99	0.000%
12	14.05	-66.54	24.33	-14.05	66.54	-24.33	0.000%
13	14.05	-49.90	24.33	-14.05	49.90	-24.33	0.000%
14	0.00	-66.54	28.06	0.00	66.54	-28.06	0.000%
15	0.00	-49.90	28.06	0.00	49.90	-28.06	0.000%
16	-13.96	-66.54	24.17	13.96	66.54	-24.17	0.000%
17	-13.96	-49.90	24.17	13.96	49.90	-24.17	0.000%
18	-24.08	-66.54	13.90	24.08	66.54	-13.90	0.000%
19	-24.08	-49.90	13.90	24.08	49.90	-13.90	0.000%
20	-27.84	-66.54	0.00	27.84	66.54	-0.00	0.000%
21	-27.84	-49.90	0.00	27.84	49.90	0.00	0.000%
22	-24.24	-66.54	-13.99	24.24	66.54	13.99	0.000%
23	-24.24	-49.90	-13.99	24.24	49.90	13.99	0.000%
24	-14.05	-66.54	-24.33	14.05	66.54	24.33	0.000%
25	-14.05	-49.90	-24.33	14.05	49.90	24.33	0.000%
26	0.00	-87.42	0.00	-0.00	87.42	0.00	0.000%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
27	0.00	-87.42	-7.71	-0.00	87.42	7.71	0.000%
28	3.84	-87.42	-6.65	-3.84	87.42	6.65	0.000%
29	6.64	-87.42	-3.83	-6.64	87.42	3.83	0.000%
30	7.67	-87.42	0.00	-7.67	87.42	0.00	0.000%
31	6.67	-87.42	3.85	-6.67	87.42	-3.85	0.000%
32	3.86	-87.42	6.68	-3.86	87.42	-6.68	0.000%
33	0.00	-87.42	7.71	-0.00	87.42	-7.71	0.000%
34	-3.84	-87.42	6.65	3.84	87.42	-6.65	0.000%
35	-6.64	-87.42	3.83	6.64	87.42	-3.83	0.000%
36	-7.67	-87.42	0.00	7.67	87.42	0.00	0.000%
37	-6.67	-87.42	-3.85	6.67	87.42	3.85	0.000%
38	-3.86	-87.42	-6.68	3.86	87.42	6.68	0.000%
39	0.00	-55.45	-6.95	0.00	55.45	6.95	0.000%
40	3.46	-55.45	-5.99	-3.46	55.45	5.99	0.000%
41	5.97	-55.45	-3.44	-5.97	55.45	3.44	0.000%
42	6.90	-55.45	0.00	-6.90	55.45	0.00	0.000%
43	6.01	-55.45	3.47	-6.01	55.45	-3.47	0.000%
44	3.48	-55.45	6.03	-3.48	55.45	-6.03	0.000%
45	0.00	-55.45	6.95	0.00	55.45	-6.95	0.000%
46	-3.46	-55.45	5.99	3.46	55.45	-5.99	0.000%
47	-5.97	-55.45	3.44	5.97	55.45	-3.44	0.000%
48	-6.90	-55.45	0.00	6.90	55.45	0.00	0.000%
49	-6.01	-55.45	-3.47	6.01	55.45	3.47	0.000%
50	-3.48	-55.45	-6.03	3.48	55.45	6.03	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00064163
3	Yes	4	0.00000001	0.00026213
4	Yes	5	0.00000001	0.00098446
5	Yes	5	0.00000001	0.00046924
6	Yes	6	0.00000001	0.00006871
7	Yes	5	0.00000001	0.00053393
8	Yes	5	0.00000001	0.00018817
9	Yes	5	0.00000001	0.00009605
10	Yes	6	0.00000001	0.00006579
11	Yes	5	0.00000001	0.00051032
12	Yes	6	0.00000001	0.00008081
13	Yes	5	0.00000001	0.00063169
14	Yes	4	0.00000001	0.00063920
15	Yes	4	0.00000001	0.00026163
16	Yes	6	0.00000001	0.00007865
17	Yes	5	0.00000001	0.00061464
18	Yes	6	0.00000001	0.00006478
19	Yes	5	0.00000001	0.00050292
20	Yes	5	0.00000001	0.00018824
21	Yes	5	0.00000001	0.00009608
22	Yes	6	0.00000001	0.00007045
23	Yes	5	0.00000001	0.00054730
24	Yes	6	0.00000001	0.00006161
25	Yes	5	0.00000001	0.00047699
26	Yes	4	0.00000001	0.00002521
27	Yes	5	0.00000001	0.00028895
28	Yes	5	0.00000001	0.00033380
29	Yes	5	0.00000001	0.00033466

30	Yes	5	0.00000001	0.00028551
31	Yes	5	0.00000001	0.00032905
32	Yes	5	0.00000001	0.00033975
33	Yes	5	0.00000001	0.00028299
34	Yes	5	0.00000001	0.00033694
35	Yes	5	0.00000001	0.00032546
36	Yes	5	0.00000001	0.00028504
37	Yes	5	0.00000001	0.00033675
38	Yes	5	0.00000001	0.00033602
39	Yes	4	0.00000001	0.00005284
40	Yes	4	0.00000001	0.00029693
41	Yes	4	0.00000001	0.00031674
42	Yes	4	0.00000001	0.00018954
43	Yes	4	0.00000001	0.00026795
44	Yes	4	0.00000001	0.00049749
45	Yes	4	0.00000001	0.00005222
46	Yes	4	0.00000001	0.00047565
47	Yes	4	0.00000001	0.00026380
48	Yes	4	0.00000001	0.00018963
49	Yes	4	0.00000001	0.00032943
50	Yes	4	0.00000001	0.00031075

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	191.5 - 172.46	26.2028	50	1.36	0.02
L2	175.543 - 127.753	21.7664	50	1.27	0.01
L3	132.253 - 83.083	11.6527	50	0.91	0.00
L4	88.916 - 40.456	4.9632	50	0.55	0.00
L5	47.539 - 0	1.3873	50	0.27	0.00

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
192.00	Platform Mount [LP 303-1_HR-1]	50	26.2028	1.36	0.02	25099
191.50	Lightning Rod 5/8''x6'	50	26.2028	1.36	0.02	25099
162.00	Platform Mount [LP 303-1_HR-1]	50	18.2549	1.17	0.01	7189
154.00	Side Arm Mount [SO 102-3]	50	16.3226	1.11	0.01	6839
150.00	Platform Mount [LP 601-1]	50	15.3981	1.07	0.01	6677
140.00	6'x2'' Mount Pipe	50	13.2143	0.98	0.01	6303
137.00	Platform Mount [LP 303-1]	50	12.5957	0.96	0.01	6199
50.00	Side Arm Mount [SO 701-1]	50	1.5255	0.28	0.00	7636

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	191.5 - 172.46	106.3250	24	5.54	0.09

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L2	175.543 - 127.753	88.3485	24	5.16	0.05
L3	132.253 - 83.083	47.3426	24	3.71	0.02
L4	88.916 - 40.456	20.1680	24	2.22	0.01
L5	47.539 - 0	5.6358	24	1.09	0.00

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
192.00	Platform Mount [LP 303-1_HR-1]	24	106.3250	5.54	0.09	6283
191.50	Lightning Rod 5/8''x6'	24	106.3250	5.54	0.09	6283
162.00	Platform Mount [LP 303-1_HR-1]	24	74.1168	4.76	0.03	1796
154.00	Side Arm Mount [SO 102-3]	24	66.2834	4.49	0.03	1708
150.00	Platform Mount [LP 601-1]	24	62.5353	4.35	0.03	1667
140.00	6'x2'' Mount Pipe	24	53.6783	4.00	0.02	1573
137.00	Platform Mount [LP 303-1]	24	51.1691	3.89	0.02	1547
50.00	Side Arm Mount [SO 701-1]	24	6.1973	1.15	0.00	1880

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	191.5 - 172.46 (1)	TP20.46x15.5x0.1875	19.04	0.00	0.0	11.5867	-4.32	677.82	0.006
L2	172.46 - 127.753 (2)	TP31.6x19.2819x0.3125	47.79	0.00	0.0	29.8828	-19.40	1748.14	0.011
L3	127.753 - 83.083 (3)	TP42.49x29.8151x0.4375	49.17	0.00	0.0	56.3072	-30.13	3293.97	0.009
L4	83.083 - 40.456 (4)	TP52.59x40.1114x0.5	48.46	0.00	0.0	79.7723	-45.22	4666.68	0.010
L5	40.456 - 0 (5)	TP62x49.7661x0.5	47.54	0.00	0.0	97.6005	-66.53	5709.63	0.012

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	191.5 - 172.46 (1)	TP20.46x15.5x0.1875	72.11	336.46	0.214	0.00	336.46	0.000
L2	172.46 - 127.753 (2)	TP31.6x19.2819x0.3125	545.88	1367.38	0.399	0.00	1367.38	0.000
L3	127.753 - 83.083 (3)	TP42.49x29.8151x0.4375	1418.48	3478.03	0.408	0.00	3478.03	0.000
L4	83.083 -	TP52.59x40.1114x0.5	2385.64	6029.52	0.396	0.00	6029.52	0.000

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L5	40.456 (4) 40.456 - 0 (5)	TP62x49.7661x0.5	3649.05	8525.50	0.428	0.00	8525.50	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	191.5 - 172.46 (1)	TP20.46x15.5x0.1875	4.73	203.35	0.023	2.22	346.71	0.006
L2	172.46 - 127.753 (2)	TP31.6x19.2819x0.3125	18.56	524.44	0.035	5.84	1383.70	0.004
L3	127.753 - 83.083 (3)	TP42.49x29.8151x0.4375	21.74	988.19	0.022	5.83	3509.13	0.002
L4	83.083 - 40.456 (4)	TP52.59x40.1114x0.5	24.96	1400.00	0.018	5.90	6162.89	0.001
L5	40.456 - 0 (5)	TP62x49.7661x0.5	28.12	1712.89	0.016	5.89	9225.42	0.001

Pole Interaction Design Data

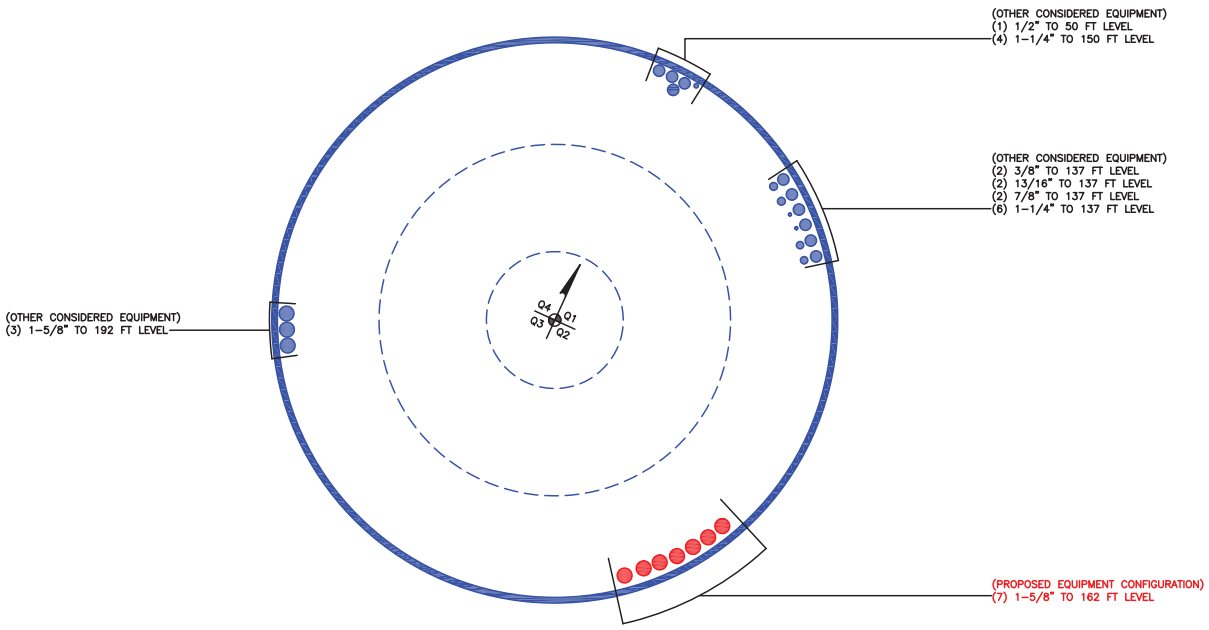
Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	191.5 - 172.46 (1)	0.006	0.214	0.000	0.023	0.006	0.222	1.050	
L2	172.46 - 127.753 (2)	0.011	0.399	0.000	0.035	0.004	0.412	1.050	
L3	127.753 - 83.083 (3)	0.009	0.408	0.000	0.022	0.002	0.418	1.050	
L4	83.083 - 40.456 (4)	0.010	0.396	0.000	0.018	0.001	0.406	1.050	
L5	40.456 - 0 (5)	0.012	0.428	0.000	0.016	0.001	0.440	1.050	

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	191.5 - 172.46	Pole	TP20.46x15.5x0.1875	1	-4.32	711.71	21.1	Pass
L2	172.46 - 127.753	Pole	TP31.6x19.2819x0.3125	2	-19.40	1835.55	39.2	Pass
L3	127.753 - 83.083	Pole	TP42.49x29.8151x0.4375	3	-30.13	3458.67	39.8	Pass
L4	83.083 - 40.456	Pole	TP52.59x40.1114x0.5	4	-45.22	4900.01	38.6	Pass
L5	40.456 - 0	Pole	TP62x49.7661x0.5	5	-66.53	5995.11	41.9	Pass
							Summary	
						Pole (L5)	41.9	Pass
						RATING =	**41.9**	**Pass**

APPENDIX B

BASE LEVEL DRAWING


(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 50 FT LEVEL
(4) 1-1/4" TO 150 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(2) 3/8" TO 137 FT LEVEL
(2) 13/16" TO 137 FT LEVEL
(2) 7/8" TO 137 FT LEVEL
(6) 1-1/4" TO 137 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(3) 1-5/8" TO 192 FT LEVEL
Q4
Q1
Q3
Q2
(PROPOSED EQUIPMENT CONFIGURATION)
(7) 1-5/8" TO 162 FT LEVEL

APPENDIX C

ADDITIONAL CALCULATIONS

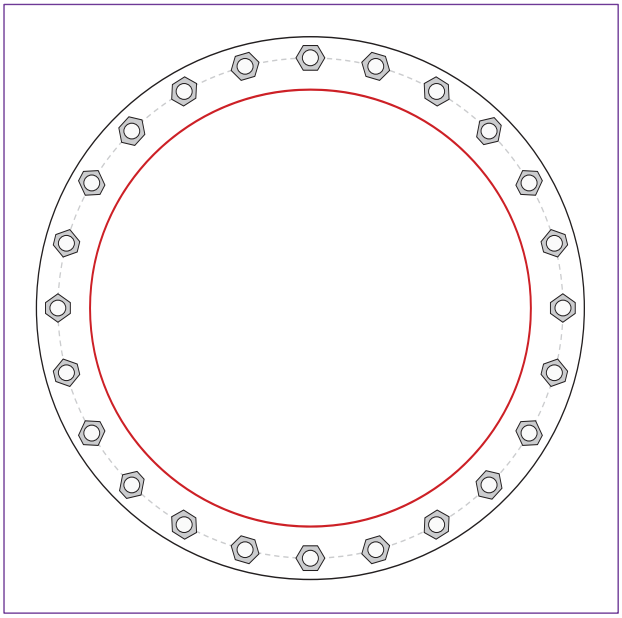
Monopole Base Plate Connection

Site Info	
BU #	876355
Site Name	Upper stepway - TLC
Order #	654594 REV. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	No
l_{ar} (in)	2

Applied Loads	
Moment (kip-ft)	3649.05
Axial Force (kips)	66.53
Shear Force (kips)	28.12

**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 71" BC

Base Plate Data

77" OD x 2.25" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

62" 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 = 99.98	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.17	ϕVn = 149.1	**39.1%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	28.08	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**49.5%**	**Pass**

Pier and Pad Foundation

BU # :	876355
Site Name:	Upper Stepway - T
App. Number:	654594 REV. 0

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp}:	66.54	kips
Base Shear, Vu_comp:	28.1	kips
Moment, M_u:	3649.05	ft-kips
Tower Height, **H**:	191.5	ft
BP Dist. Above Fdn, bp_{dist}:	4.25	in

Pier Properties		
Pier Shape:	Square	
Pier Diameter, **dpier**:	7.5	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	8	
Pier Rebar Quantity, **mc**:	51	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	4	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties		
Depth, **D**:	5	ft
Pad Width, W_1:	30	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Top dir.2), Sp_{top2}:	8	
Pad Rebar Quantity (Top dir. 2), mp_{top2}:	26	
Pad Rebar Size (Bottom dir. 2), Sp_2:	8	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	52	
Pad Clear Cover, cc_{pad}:	3	in

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

Soil Properties		
Total Soil Unit Weight, γ:	110	pcf
Ultimate Gross Bearing, Qult:	24.000	ksf
Cohesion, **Cu**:		ksf
Friction Angle, φ:	30	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:	0.7	
Neglected Depth, **N**:	3.50	ft
Foundation Bearing on Rock?	Yes	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

Foundation Analysis Checks	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	364.56	28.10	**7.3%**	**Pass**
Bearing Pressure (ksf)	18.00	1.74	**9.7%**	**Pass**
*Overturning (kip*ft)*	8791.94	3827.60	**43.5%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	7071.71	3733.35	**50.3%**	**Pass**
Pier Compression (kip)	35802.00	96.92	**0.3%**	**Pass**
*Pad Flexure (kip*ft)*	5636.96	1384.18	**23.4%**	**Pass**
Pad Shear - 1-way (kips)	1075.81	180.41	**16.0%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.034	**17.0%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	4646.67	2240.01	**45.9%**	**Pass**

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

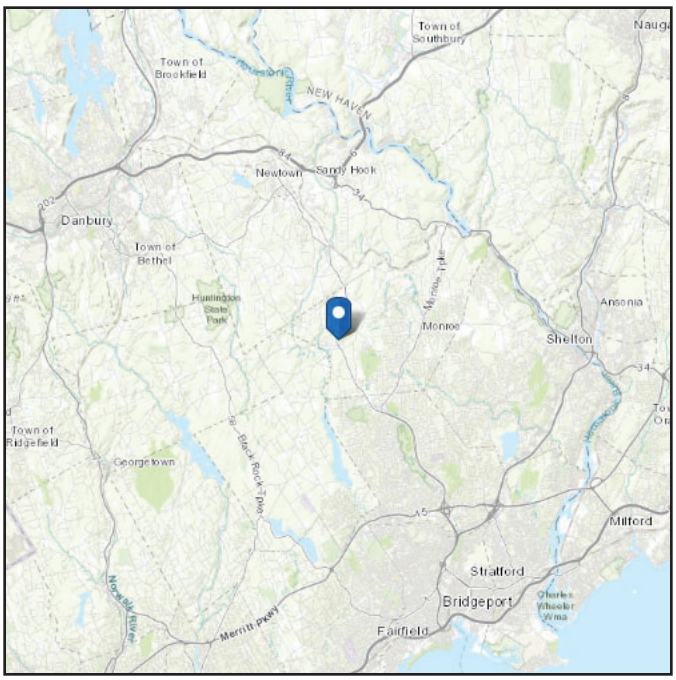
Structural Rating*:	**50.3%**
Soil Rating*:	**43.5%**

Version 5.0.2

ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.325553
Risk Category:	II	**Longitude:**	-73.265847
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	447.44477990550286 ft (NAVD 88)



Wind

Results:

Wind Speed	117 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

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

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

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

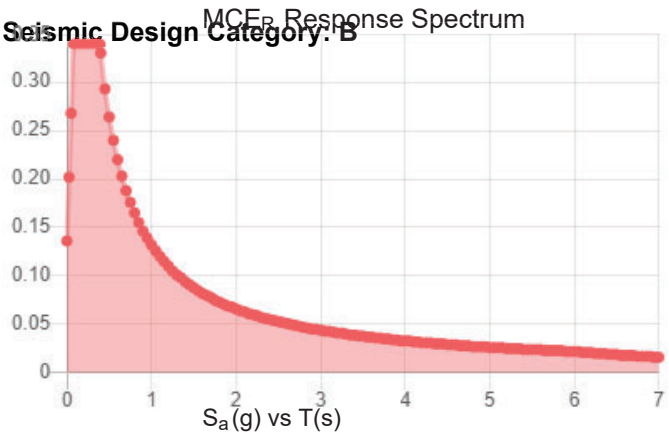
Seismic

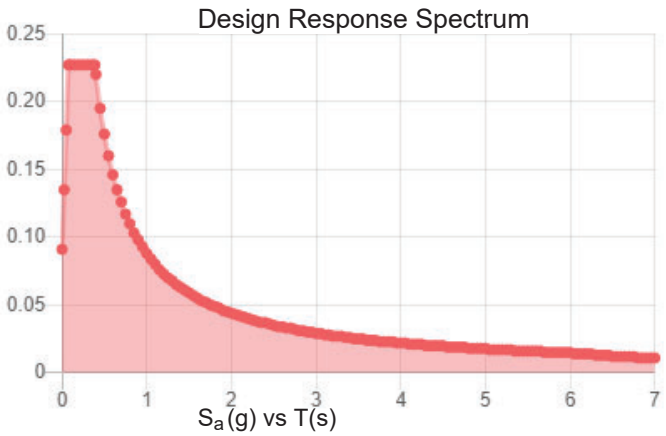
Site Soil Class: D - Default (see Section 11.4.3)

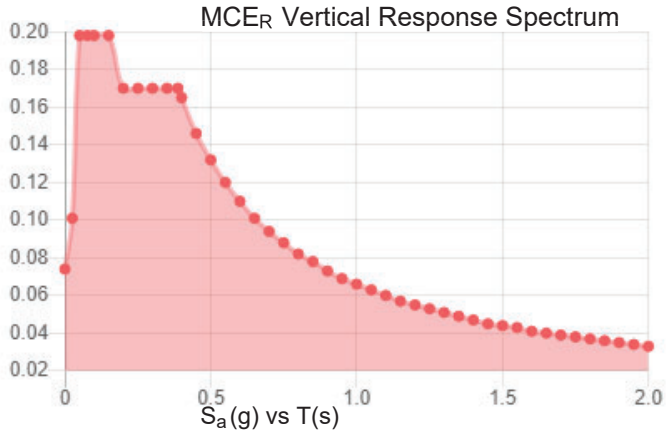
Results:

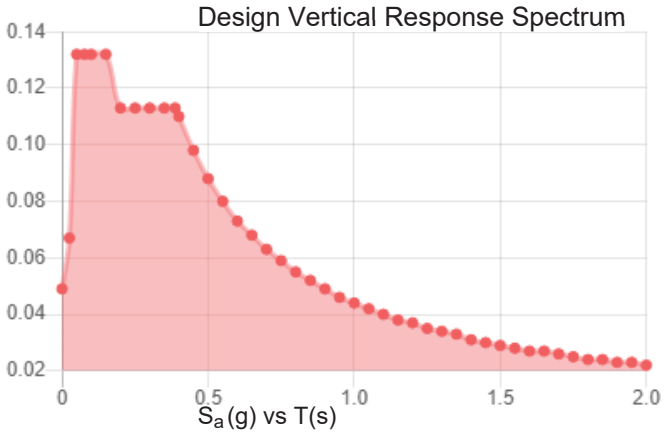
S_S :	0.213	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.121
F_v :	2.4	PGA_M :	0.189
S_{MS} :	0.34	F_{PGA} :	1.558
S_{M1} :	0.132	I_e :	1
S_{DS} :	0.227	C_v :	0.726

Seismic Design Category: B









Data Accessed: Tue Jan 16 2024

Date Source:

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

Ice

Results:

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

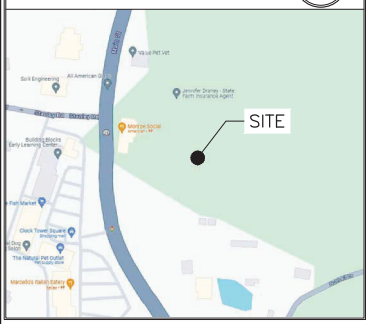
Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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

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

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

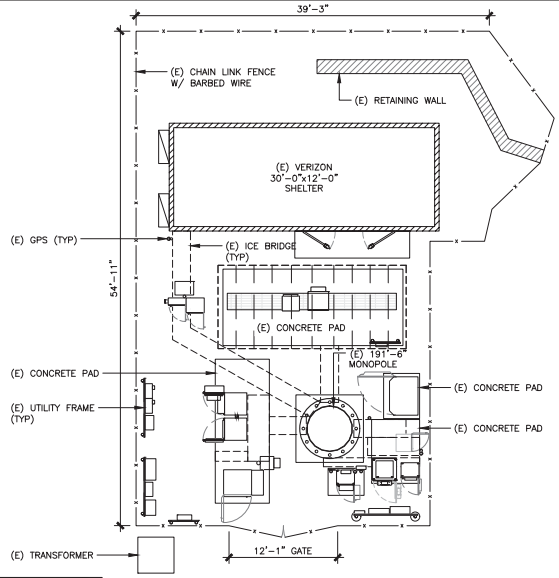
LOCATION MAP
N.T.S



APPROXIMATE COORDINATES:	LATITUDE:	41° 19' 31.99" N	41.325510° N
	LONGITUDE:	73° 15' 57.05" W	73.265781° W

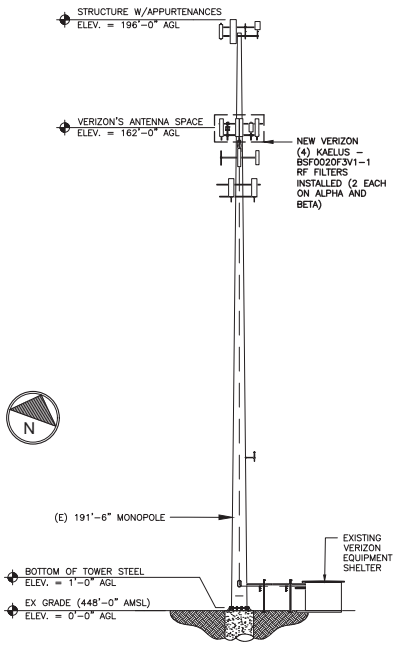
N

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



2 SITE PLAN
SCALE: 0' 4' 8' 16' 32'

INSTALLER NOTE:
FAA APPROVED HEIGHT 249'-0"



N

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 900
TULSA, OK 74119
PH: (918) 587-4630
btes@btgrp.com

MONROE WEST CT

474-480 MAIN ST.
MONROE, CT 06468

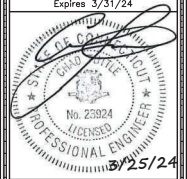
EXISTING MONOPOLE

PROJECT NO:	137165.008.01
CHECKED BY:	LR

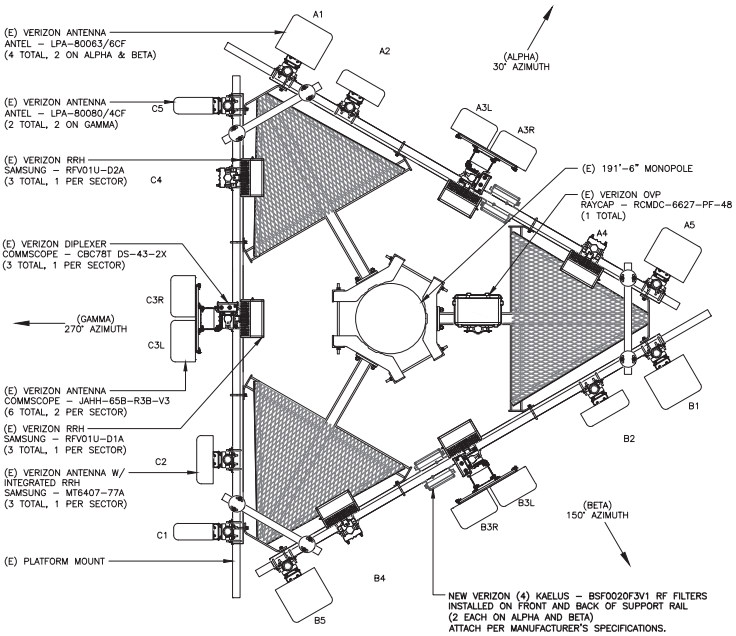
ISSUED FOR:

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

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



SHEET NUMBER:	REVISION:
LE-1	0



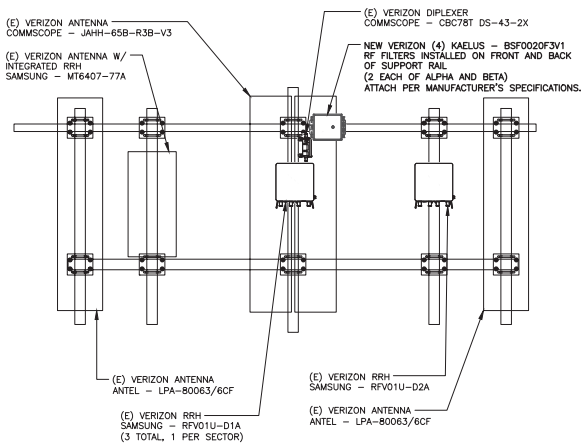
NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

1 NEW RF FILTER PLAN

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

N



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

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

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

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

MONROE WEST CT

474-480 MAIN ST.
MONROE, CT 06468

EXISTING MONOPOLE

PROJECT NO:	137165.008.01
CHECKED BY:	LR

ISSUED FOR:

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

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

STATE OF CONNECTICUT
CHRISTOPHER
No. 25924
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-2	0

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

2949899

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

⑈2949899⑈ ⑆111000614⑆ 10341045 3⑈

Check No 2949899
Check Date 04/01/24

Stub 1 of 1

CKRQ 654594 ZN APP	03/27/24	Invoice Summ	625.00		625.00
			625.00		625.00