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

April 19, 2024

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

RE: **Notice of Exempt Modification for Verizon Wireless: 50002446-42**
Crown Site ID# 876380
202 Great Hollow Road, Woodbury, CT 06798
Latitude: 41° 31′ 19.20″ / Longitude: -73° 13′ 14.65″

Dear Ms. Bachman:

Verizon Wireless currently maintains twelve (12) antennas at the 130-foot mount on the existing 138.5-foot monopole tower located at 202 Great Hollow Road, Woodbury, CT. The property is owned by O & G Industries Inc and the tower is owned by Crown Castle. Verizon now intends to add six (6) interference mitigation filters at the 130ft 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:

(6) Kaelus BSF0020F3V1-1 Interference Mitigation Filters

The facility was approved by the Connecticut Siting Council, Docket No. 236 on June 19, 2003. The approval was given without conditions.

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 Barbara Perkinson, First Selectwoman, Town of Woodbury, William Agresta, Town Planner, Town of Woodbury. O & G Industries Inc is the landowner and Crown Castle is the tower owner.

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

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

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

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

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

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

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

Sincerely,

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

Attachments
cc:

Barbara Perkinson, First Selectwoman
Town of Woodbury
281 Main Street South
Woodbury, CT 06798
203-263-2141

William Agresta, Town Planner
Town of Woodbury
281 Main Street South
Woodbury, CT 06798
203-263-23467

O & G Industries Inc, Property Owner
112 Wall Street
Torrington, CT 06790

Crown Castle, Tower Owner

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@po.state.ct.us
Web Site: www.state.ct.us/csc/index.htm

June 24, 2003

TO: Parties and Intervenors

FROM: S. Derek Phelps, Executive Director

RE: **DOCKET NO. 236** - Sprint Spectrum L.P. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless telecommunications facility off Great Hollow Road or at 103 Great Hollow Road, South Woodbury, Connecticut.

By its Decision and Order dated June 19, 2003, the Connecticut Siting Council granted a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless telecommunications facility located at Site A off of Great Hollow Road, Woodbury, Connecticut.

Enclosed are the Council's Findings of Fact, Opinion, and Decision and Order.

SDP/laf

Enclosures (4)

c: Albert Palko, State Documents Librarian
Council Members

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@po.state.ct.us
Web Site: www.state.ct.us/csc/index.htm

CERTIFICATE

OF

ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED

DOCKET NO. 236

Pursuant to General Statutes § 16-50k, as amended, the Connecticut Siting Council hereby issues a Certificate of Environmental Compatibility and Public Need to Sprint Spectrum, L.P. d/b/a Sprint PCS for the construction, maintenance and operation of a wireless telecommunications facility located at Site A off of Great Hollow Road, Woodbury, Connecticut. This Certificate is issued in accordance with and subject to the terms and conditions set forth in the Decision and Order of the Council on June 19, 2003.

By order of the Council,

Pamela B. Katz, P.E., Chairman

June 19, 2003

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@po.state.ct.us
Web Site: www.state.ct.us/csc/index.htm

June 24, 2003

Thomas J. Regan, Esq.
Brown Rudnick Berlack Israels LLP
185 Asylum Street, CityPlace I
Hartford, CT 06103-3402

RE: **DOCKET NO. 236** - Sprint Spectrum L.P. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless telecommunications facility off Great Hollow Road or at 103 Great Hollow Road, South Woodbury, Connecticut.

Dear Attorney Regan:

By its Decision and Order dated June 19, 2003, the Connecticut Siting Council (Council) granted a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a wireless telecommunications facility at Site A off of Great Hollow Road in Woodbury to Sprint Spectrum.

Enclosed are the Council's Certificate, Findings of Fact, Opinion, and Decision and Order.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/CML

Enclosures (4)

Town of Woodbury

Zoning Permit

Number 8156

Date: February 3, 2004

Permission granted to: O & G Ind. (owner) / Peter Maxwell (agent)

To Construct: Telecommunications facilities

Address: Great Hollow Road

District OS-80

Map 34 Lot 15

Set back distance from lot lines

Front:: N/A

Right Side: N/A

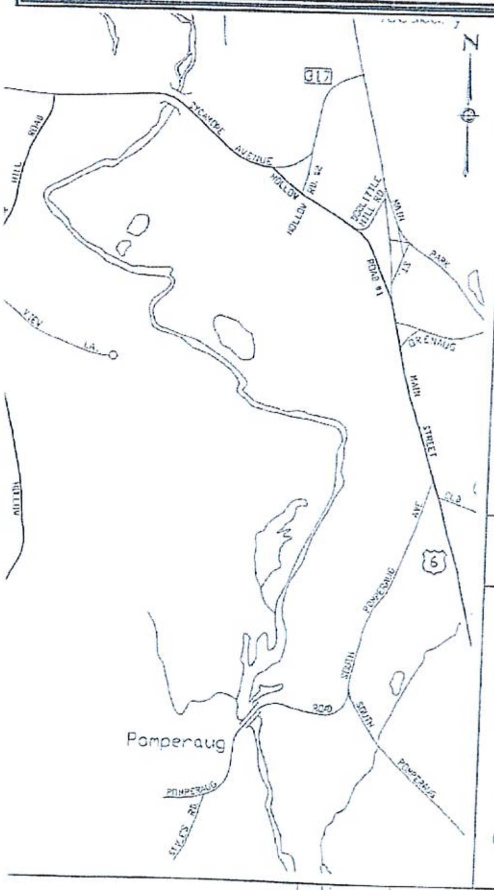
Left Side: N/A

Rear: N/A

A-2 Requirements ☐ Foundation N/A ☐ Final N/A ☐ Both Required

Reviewed and approved: ~~Judi Lynch, Land Use Administrator~~

Building Height must be ... indicated on the final. Mark ... Town Planner



PROPERTY OWNER:	ROBERT CHASE, TRUSTEE C/O O&G INDUSTRIES WOODBURY, CT
PROPERTY LESSEE:	SPRINT SITES USA 535 EAST CRESCENT AVENUE RAMSEY, NEW JERSEY 07446
APPLICANT/SUBLESSEE:	AT&T WIRELESS PCS LLC 12 OMEGA DRIVE STAMFORD, CONNECTICUT 06902
LATITUDE:	41.52201° (NAD 83)
LONGITUDE:	73.22074° (NAD 83)
ELEVATION:	590' AMSL
JURISDICTION:	TOWN OF WOODBURY, CONNECTICUT
CURRENT USE:	TELECOMMUNICATIONS FACILITY
PROPOSED USE:	TELECOMMUNICATIONS FACILITY

B

SITE QUALIFICATION PARTICIPANTS

	NAME	COMPANY	NUMBER
A/E	IGNACIO C ARTAIZ	URS CORPORATION AES	(860) 529-8882
SAC	HOLLIS REDDING	OPTASITE, INC.	(860) 657-1460
RF	KUMAR RUGHOOBUR	BECHTEL	(203) 630-9930
CON	ALI HEMMATI	BECHTEL	(201) 707-8161
LANDLORD	RUSS VAN OUDENAREN	SPRINT SITES USA	(201) 995-4023
OTHER	–		–

0	10/01/03	ISSUED FOR CONSTRUCTION	JCF
A	09/16/03	100% REVIEW	

STATE OF CONNECTICUT ... IGNACIO C. ARTAIZ ...

URS CORPORATION AES

TITLE SHEET

Town of Woodbury

Date: 1/30/04 Zoning Permit Number 8156

Address of property: Great Hollow Road

Map No. 34 Lot No. 15 Subdivision Name:

Name of Owner: O & G Industries Phone Number: 860-489-9261

Address of Owner: 112 Wall Street

DESCRIPTION OF WORK PROPOSED

Concrete pad & telecommunications equipment cabinets within existing fenced enclosure; antennas on existing monopole

Size of structure: Height of structure: 110'

Square footage: Number of stories:

Type of construction: 100x100 SF lease area

Zone: ☐ R-40 ☐ OS-60 ☑ OS-80 ☐ OS-100 ☐ GA ☐ MSD ☐ PI ☐ EE ☐ MQ

Width of lot: Depth of lot: Total Acreage:

Setback distances from property lines

Front yard: 223 Rear yard:

Right side yard: NA Left side yard:

Name of Agent: Peter N. Maxwell Phone Number: 860-202-0219

Address of Agent: URS Corp, 795 Brook St. Bldg 5, Rocky Hill, CT 06067

Please Note:
An agent must provide an approval letter from the owner of the subject property before application will be approved.

Check all applicable

Is this property in the Historic District?	☐ Yes	☑ No
Does this application involve any grading or filling?	☐ Yes	☐ No
Will there be construction in or within 100 feet of a wetland watercourse?	☐ Yes	☐ No
Will this require approval from the Pomperaug Health District	☑ Yes	☐ No

Other

Signature of Owner/Agent:

Approved by: Date: 2-3-04

Please Note

This issued permit is based upon the plot plan submitted. Falsification by misrepresentation or omission, or failure to comply with the conditions of approval of this permit shall constitute a violation of the Town of Woodbury Zoning Regulations.

120203

Town of Woodbury, CT

Property Listing Report

Map Block Lot	Building #	Unique Identifier
034-015		45300

Property Information

Property Location	202 GREAT HOLLOW RD
Mailing Address	112 WALL STREET TORRINGTON CT 06790
Land Use	Residential
Zoning Code	OS80
Neighborhood	22

Owner	O & G INDUSTRIES INC
Co-Owner	
Book / Page	360/ 104
Land Class	Vacant Land
Census Tract	3621
Acreage	210.3

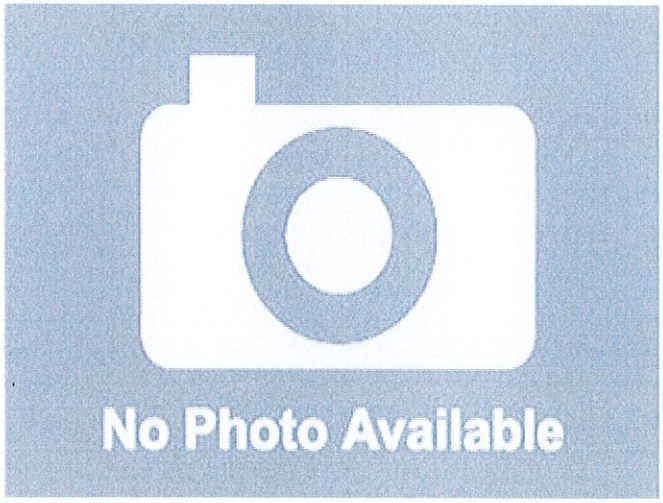
Valuation Summary

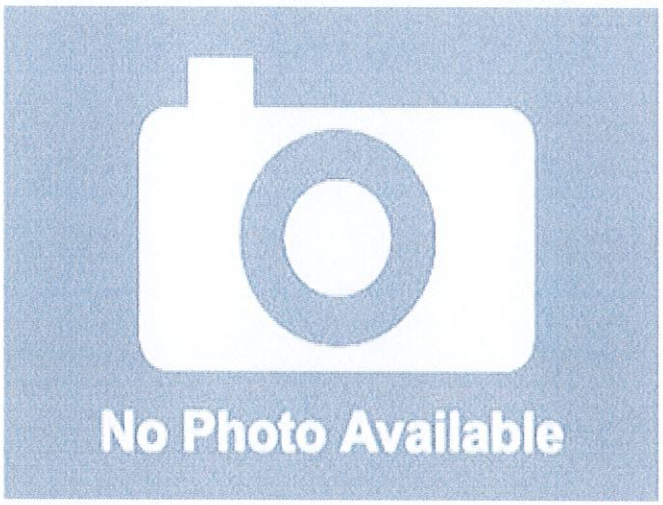
(Assessed value = 70% of Appraised Value)

Item	Appraised	Assessed
Buildings	0	0
Outbuildings	436700	305690
Land	1869800	206220
Total	2306500	0

Utility Information

Electric	No
Gas	No
Sewer	No
Public Water	No
Well	No





Primary Construction Details

Year Built	
Building Desc.	
Building Style	
Stories	
Exterior Walls	
Exterior Walls 2	
Interior Walls	
Interior Walls 2	
Interior Floors 1	
Interior Floors 2	

Heating Fuel	
Heating Type	
AC Type	
Bedrooms	
Full Bathrooms	
Half Bathrooms	
Extra Fixtures	
Total Rooms	
Bath Style	
Kitchen Style	
Occupancy	

Building Use	
Building Condition	
Frame Type	
Fireplaces	
Bsmt Gar	
Fin Bsmt Area	
Fin Bsmt Quality	
Building Grade	
Roof Style	
Roof Cover	

Report Created On 4/18/2024

Town of Woodbury, CT

Property Listing Report | Map Block Lot 034-015 | Building # | Unique Identifier 45300

Detached Outbuildings

Type	Description	Area (sq ft)	Condition	Year Built
Cell Towers	Fencing	600	Average	2010
Cell Towers	Pad	160	Average	2010
Cell Towers	Building/Equipment	300	Average	2010
Cell Towers	Building/Equipment	64	Average	2010
Cell Towers	Pad	200	Average	2002
Cell Towers	Building/Equipment	160	Average	2010
Cell Towers	Mono Pole	150	Average	2002
Cell Towers	Building/Equipment	200	Average	2010

Attached Extra Features

Type	Description	Area (sq ft)	Condition	Year Built

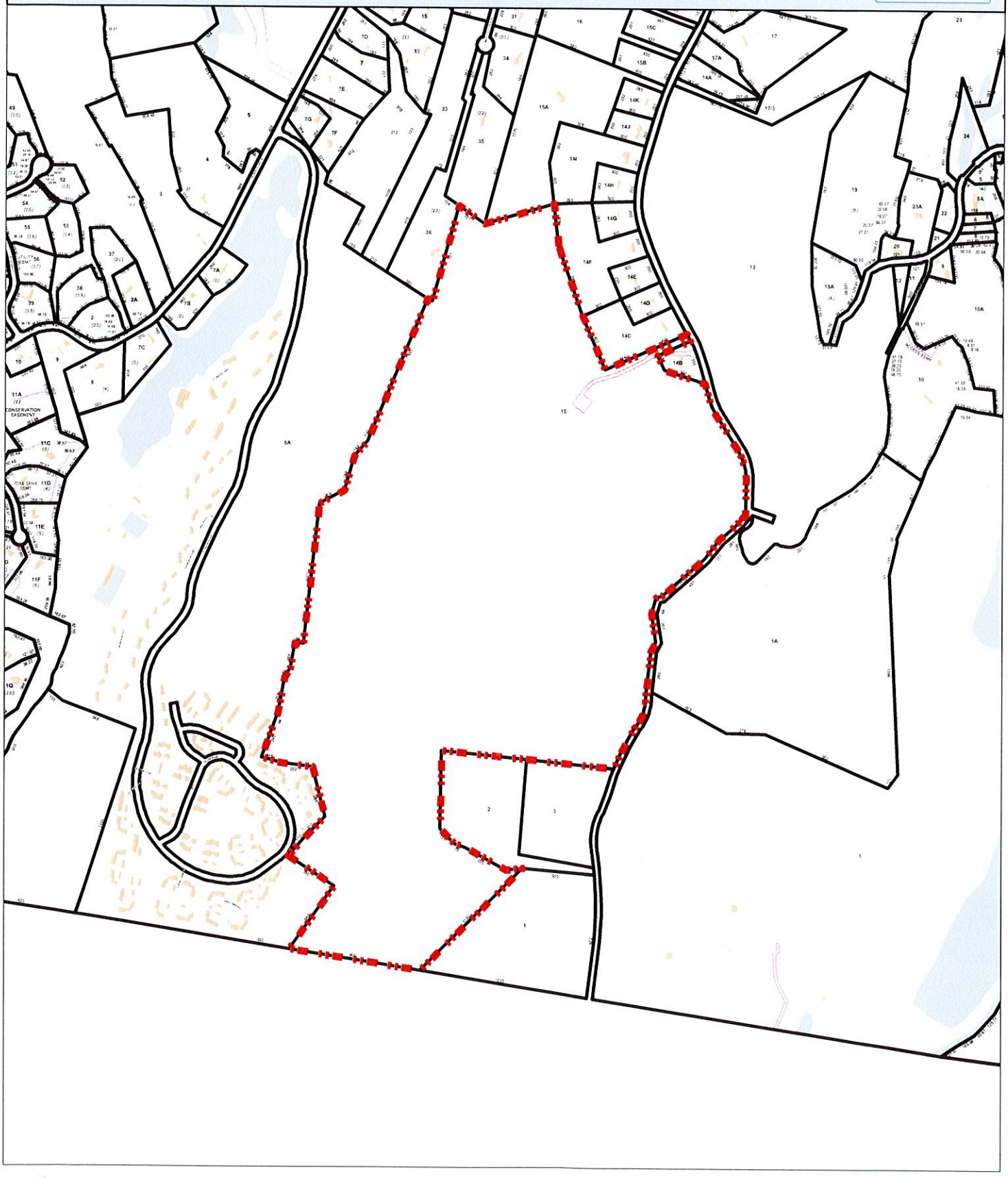
Sales History

Owner of Record	Book/ Page	Sale Date	Sale Price
O & G INDUSTRIES INC	360_ 104	3/20/2008	0
CHASE ROBERT L-TTEE	241_ 210	5/28/1999	0

Report Created On 4/18/2024

Town of Woodbury, Connecticut - Assessment Parcel Map

Parcel: 034-015 Address: 202 GREAT HOLLOW RD



Approximate Scale: 1 inch = 900 feet

0 470 940 1,410 1,880 Feet

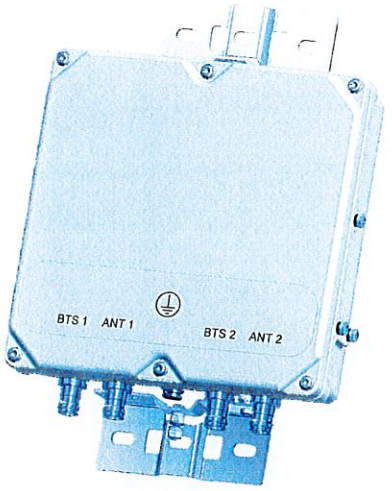
Disclaimer: This map is for informational purposes only. All information is subject to verification by any user. The Town of Woodbury and its mapping contractors assume no legal responsibility for the information contained herein.

Map Produced: 8/2/2023

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

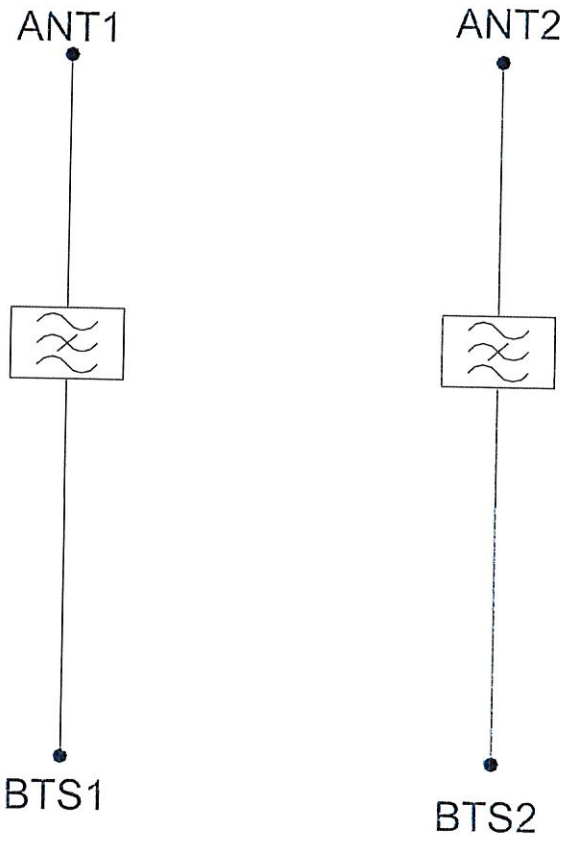
MECHANICAL	
Dimensions H x D x W	263 x 277 x 80mm | 10.60 x 10.90 x 3.15in (Excluding brackets and connectors)
Weight	8.0 kg | 17.6 lbs (no bracket)
Finish	Powder coated, light grey (RAL7035)
Connectors	RF: 4.3-10 (F) x 4
Mounting	Optional pole/wall bracket supplied with two metal clamps 45-178mm diameter poles or custom bracket. See ordering information.

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

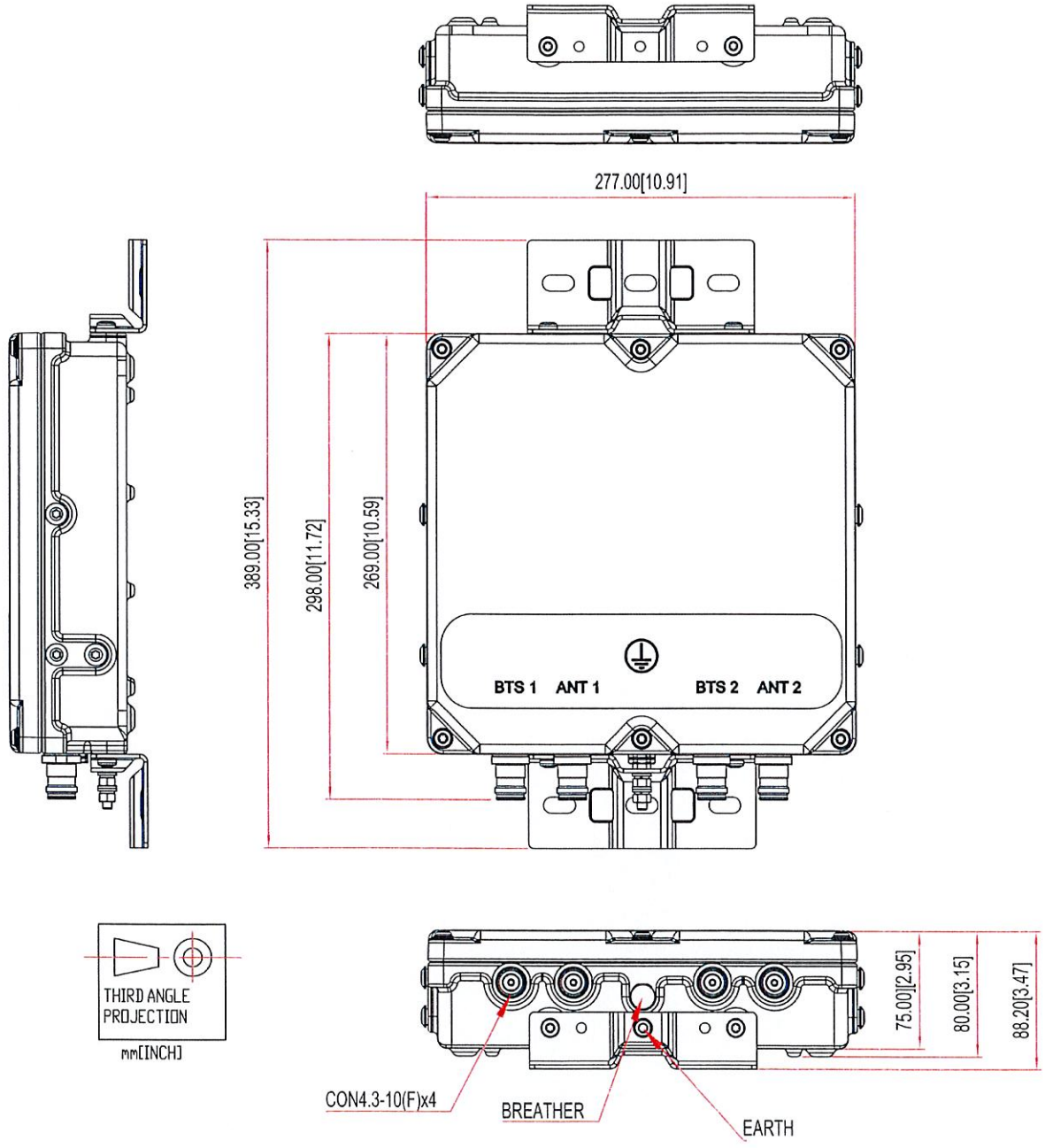
ORDERING INFORMATION

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

ELECTRICAL BLOCK DIAGRAM



MECHANICAL BLOCK DIAGRAM



Barbadora, Jeff

From: TrackingUpdates@fedex.com
Sent: Wednesday, April 24, 2024 11:24 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 273786717880: Your package has been delivered

Hi. Your package was delivered Wed, 04/24/2024 at 11:16am.

Delivered to 281 MAIN ST S, WOODBURY, CT 06798

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	273786717880
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Woodbury Barbara Perkinson, 1st Selectwoman 281 Main Street South WOODBURY, CT, US, 06798
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Tue 4/23/2024 05:17 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	WOODBURY, CT, US, 06798
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: Wednesday, April 24, 2024 11:24 AM
To: Barbadora, Jeff
Subject: FedEx Shipment 273786805591: Your package has been delivered

FedEx

Hi. Your package was delivered Wed, 04/24/2024 at 11:16am.

Delivered to 281 MAIN ST S, WOODBURY, CT 06798

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	273786805591
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	Town of Woodbury William Agresta, Town Planner 281 Main Street South WOODBURY, CT, US, 06798
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Tue 4/23/2024 05:17 PM
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	WOODBURY, CT, US, 06798
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: Wednesday, April 24, 2024 2:04 PM
To: Barbadora, Jeff
Subject: FedEx Shipment 273786991998: Your package has been delivered

FedEx

Hi. Your package was delivered Wed, 04/24/2024 at 1:57pm.

Delivered to 112 WALL ST, TORRINGTON, CT 06790
Received by A.JOE

OBTAIN PROOF OF DELIVERY

How was your delivery ?

TRACKING NUMBER	273786991998
FROM	Crown Castle 1800 W. Park Drive WESTBOROUGH, MA, US, 01581
TO	O&G Industries Inc O&G Industries Inc 112 Wall Street TORRINGTON, CT, US, 06790
REFERENCE	799001.7680
SHIPPER REFERENCE	799001.7680
SHIP DATE	Tue 4/23/2024 05:17 PM
DELIVERED TO	Shipping/Receiving
PACKAGING TYPE	FedEx Envelope
ORIGIN	WESTBOROUGH, MA, US, 01581
DESTINATION	TORRINGTON, CT, US, 06790
SPECIAL HANDLING	Deliver Weekday
NUMBER OF PIECES	1
TOTAL SHIPMENT WEIGHT	0.50 LB
SERVICE TYPE	FedEx Standard Overnight

Date: **January 30, 2024**

Tower Engineering Professionals
326 Tryon Road
Raleigh, NC 27603
(919) 661-6351

Subject: Structural Analysis Report

Carrier Designation:	***Verizon Wireless* Co-Locate**	
	Site Number:	5000244642
	Site Name:	Woodbury S CT
Crown Castle Designation:	**BU Number:**	876380
	Site Name:	O&G Woodbury
	JDE Job Number:	751371
	Work Order Number:	2278931
	Order Number:	654606 Rev. 0
Engineering Firm Designation:	**TEP Project Number:**	25627.923029
Site Data:	**Great Hollow Road, Woodbury, Litchfield County, CT 06798** **Latitude *41° 31' 19.20"*, Longitude *-73° 13' 14.65"*** **138.5 Foot - Monopole Tower**	

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

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

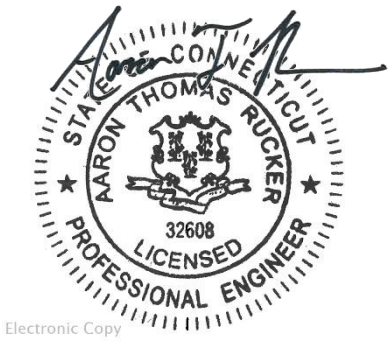
LC5: Proposed Equipment Configuration **Sufficient Capacity – 63.6%**

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

Structural analysis prepared by: SDD / SW

Respectfully submitted by:

Aaron T. Rucker, P.E.



01/30/2024

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tnxTower Output

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1) INTRODUCTION

This tower is a 138.5-ft monopole tower designed by Engineered Endeavors, Inc. The tower has been modified multiple times in the past to accommodate additional loading. The modifications designed by Semaan Engineering Solutions in November of 2005 were determined to be ineffective and not considered structurally in this analysis.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-H
Risk Category:	II
Wind Speed:	116 mph
Exposure Category:	B
Topographic Factor:	1.0
Ice Thickness:	1.0 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
130.0	130.0	3	Samsung Telecom.	RFV01U-D1A	7	1-5/8
		3	Samsung Telecom.	RFV01U-D2A		
		1	Raycap	RHSDC-6627-PF-48		
		1	Tower Mounts	Platform Mount [LP 303-1_HR-1]		
	128.0	3	Samsung Telecom.	MT6407-77A w/ Mount Pipe		
		3	Quintel Technology	QS6656-5D w/ Mount Pipe		
		3	Quintel Technology	QS6656-5D		
		3	Andrew	LNX-8513DS-A1M w/ Mount Pipe		
		6	Kaelus	BSF0020F3V1		

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)
138.0	148.0	1	Dbspectra	DS9A09F36D-N	14 2 4 2 1	1-1/4 3/4 7/16 3/8 1/2
	139.0	3	Powerwave Technologies	7770.00 w/ Mount Pipe		
		1	Quintel Technology	QS66512-2 w/ Mount Pipe		
		2	Kathrein	80010965 w/ Mount Pipe		
		2	Quintel Technology	QS46512-2 w/ Mount Pipe		
		4	Kathrein	80010964 w/ Mount Pipe		
		3	Powerwave Technologies	TT19-08BP111-001		
		3	Raycap	DC6-48-60-18-8F		
		3	Ericsson	RRUS 32		
		6	CCI Antennas	TPX-070821		
		3	Ericsson	RRUS 4478 B14		
		3	Commscope	ATSBT-TOP-FF-4G		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 8843 B2/B66A		
	138.0	1	Tower Mounts	Platform Mount [LP 303-1_HR-1]		
137.0	140.0	3	Ericsson	TME-RRUS-11	-	-
	137.0	1	Tower Mounts	Side Arm Mount [SO 901-3]		
136.0	148.0	1	Telewave	ANT150F6	1	1-1/4
	136.0	1	Tower Mounts	Pipe Mount [PM 601-1]		
113.0	114.0	3	JMA Wireless	MX08FRO665-21 w/ Mount Pipe	1	1-1/2
		3	Fujitsu	TA08025-B604		
		3	Fujitsu	TA08025-B605		
		1	Raycap	RDIDC-9181-PF-48		
	113.0	1	Tower Mounts	Commscope MC-PK8-DSH		
104.0	106.0	3	Ericsson	AIR6449 B41_T-MOBILE w/ Mount Pipe	2	1-5/8
		3	RFS Celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		3	Commscope	VV-65A-R1_TMO w/ Mount Pipe		
		3	Ericsson	RADIO 4480 B71_TMO		
		3	Ericsson	RADIO 4460 B2/B25 B66_TMO		
	104.0	1	Tower Mounts	Miscellaneous [NA 507-1]		
		1	Tower Mounts	Platform Mount [LP 712_KCKR]		

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
87.0	87.0	3	Commscope	LNX-6515DS-VTM w/ Mount Pipe	16 2	1-5/8 3/8
		6	RFS Celwave	APXV18-209014-C w/ Mount Pipe		
		6	Andrew	ETM19V2S12UB		
		3	Commscope	ATBT-BOTTOM-24V		
		3	RFS Celwave	ACU-A20-N		
		1	Tower Mounts	Platform Mount [LP 305-1]		
70.0	71.0	1	Lucent	KS24019-L112A	1	1/2
	70.0	1	Tower Mounts	Side Arm Mount [SO 701-1]		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Geotechnical Report	1531967	CCISites
Tower Foundation Drawings	2122534	CCISites
Tower Manufacturer Drawings	1533002	CCISites
Tower Reinforcement Drawings	2055776	CCISites
Tower Reinforcement Drawings	3030835	CCISites
Post-Modification Inspection	3420974	CCISites
Post-Modification Inspection	8290781	CCISites
Tower Reinforcement Drawings	8337308	CCISites
Post-Modification Inspection	8818850	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) The 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.
3) The top tower section was assumed to match the tower drawing except trimmed 10-ft short per photos.

This analysis may be affected if any assumptions are not valid or have been made in error. Tower Engineering Professionals 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)	ϕP_{allow} (k)	% Capacity	Pass / Fail
L1	138.5 - 108.5	Pole	TP24.5x17.375x0.188	1	-16.15	888.76	53.1	Pass
L2	108.5 - 83.75	Pole	TP31.88x24.5x0.25	2	-22.87	1476.27	55.1	Pass
L3	83.75 - 43	Pole	TP43.42x30.038x0.313	3	-33.39	2518.26	55.8	Pass
L4	43 - 0	Pole	TP55.5x41.021x0.313	4	-46.96	3362.35	63.6	Pass
							Summary	
						Pole (L4)	63.6	Pass
						RATING =	**63.6**	**Pass**

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Flange Connection	108.5	31.6	Pass
1,2	Anchor Rods	-	42.8	Pass
1,2	Base Plate	-	58.2	Pass
1,2	Base Foundation Structural	-	40.5	Pass
1,2	Base Foundation Soil Interaction	-	48.9	Pass

Structure Rating (max from all components) =	**63.6%**

Notes:
1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity listed.
2) Rating per TIA-222-H Section 15.5

4.1) Recommendations

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

APPENDIX A

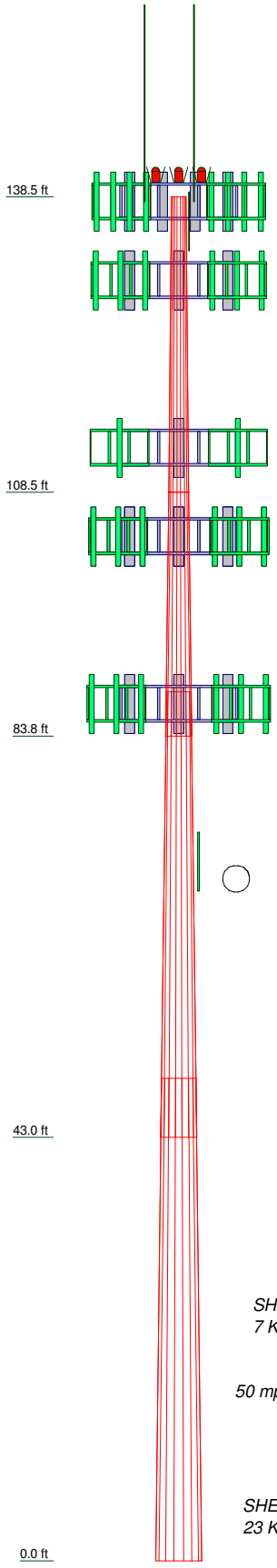
TNXTOWER OUTPUT

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Litchfield County, Connecticut.
2. Tower designed for Exposure B to the TIA-222-H Standard.
3. Tower designed for a 116 mph basic wind in accordance with the TIA-222-H Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Risk Category II.
7. Topographic Category 1 with Crest Height of 0.000 ft
8. TOWER RATING: 63.6%



ALL REACTIONS ARE FACTORED

AXIAL 67 K

SHEAR 7 K *MOMENT 689 kip-ft*

TORQUE 0 kip-ft
50 mph WIND - 1.000 in ICE

AXIAL 47 K

SHEAR 23 K *MOMENT 2402 kip-ft*

TORQUE 0 kip-ft
REACTIONS - 116 mph WIND

Section	1	2	3	4							
Length (ft)	30.00	24.75	45.25	49.00							16.6
Number of Sides	18	18	18	18							
Thickness (in)	0.188	0.250	0.312	0.312							
Socket Length (ft)			6.00								
Top Dia (in)	17.375	24.500	30.038	41.021							
Bot Dia (in)	24.500	31.880	43.420	55.500							
Grade	A572-65										
Weight (K)	1.3	1.9	5.6	7.9							

Tower Engineering Professionals

Tower Engineering Professionals, Inc.
326 Tryon Road
Raleigh, NC 27603
Phone: (919) 661-6351
FAX: (919) 661-6350

Job: ***O&G Woodbury (BU 876380)***			
Project: ***TEP No. 25627.923029***			
Client: Crown Castle	Drawn by: SDD		App'd:
Code: TIA-222-H	Date: 01/30/24		Scale: NTS
Path: C:\Users\sdhuma\Desktop\25627\P-418787_L-923029_876380_O&G WOODBURY_Structural Analysis\trx\Tower\876380_2278931_LC5.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 Litchfield County, Connecticut.
Tower base elevation above sea level: 590.000 ft.
Basic wind speed of 116 mph.
Risk Category II.
Exposure Category B.
Simplified Topographic Factor Procedure for wind speed-up calculations is used.
Topographic Category: 1.
Crest Height: 0.000 ft.
Nominal ice thickness of 1.000 in.
Ice thickness is considered to increase with height.
Ice density of 56 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	138.50-108.50	30.00	0.000	18	17.375	24.500	0.188	0.750	A572-65 (65 ksi)
L2	108.50-83.75	24.75	4.500	18	24.500	31.880	0.250	1.000	A572-65 (65 ksi)
L3	83.75-43.00	45.25	6.000	18	30.038	43.420	0.312	1.250	A572-65 (65 ksi)
L4	43.00-0.00	49.00		18	41.021	55.500	0.312	1.250	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	17.614	10.229	381.754	6.102	8.826	43.251	764.011	5.115	2.728	14.549
	24.849	14.469	1080.524	8.631	12.446	86.817	2162.470	7.236	3.982	21.237
L2	24.839	19.242	1429.617	8.609	12.446	114.866	2861.115	9.623	3.872	15.488
	32.333	25.098	3172.356	11.229	16.195	195.884	6348.887	12.552	5.171	20.684
L3	31.805	29.484	3291.470	10.553	15.259	215.701	6587.271	14.745	4.737	15.158
	44.042	42.757	10038.132	15.303	22.057	455.092	20089.473	21.383	7.092	22.694
L4	43.406	40.377	8453.516	14.451	20.838	405.669	16918.155	20.193	6.670	21.343
	56.308	54.739	21062.822	19.592	28.194	747.068	42153.359	27.375	9.218	29.498

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 138.50-108.50				1	1	1			
L2 108.50-83.75				1	1	1			
L3 83.75-43.00				1	1	1			
L4 43.00-0.00				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight plf
HB158-U12S24-XXX-LI (1-5/8) *70*	A	No	Surface Ar (CaAa)	130.00 - 0.00	1	1	0.000 0.000	1.976		3.200
LDF4-50A(1/2) ***	C	No	Surface Ar (CaAa)	70.00 - 0.00	1	1	0.500 0.500	0.625		0.150

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
138									
LCF114-50J(1-1/4)	A	No	No	Inside Pole	138.00 - 0.00	12	No Ice	0.00	0.700
							1/2" Ice	0.00	0.700
							1" Ice	0.00	0.700
WR-VG86ST-BRD(3/4)	A	No	No	Inside Pole	138.00 - 0.00	2	No Ice	0.00	0.584
							1/2" Ice	0.00	0.584
							1" Ice	0.00	0.584
WR-VG122ST-BRDA(7/16)	A	No	No	Inside Pole	138.00 - 0.00	4	No Ice	0.00	0.141
							1/2" Ice	0.00	0.141
							1" Ice	0.00	0.141
FB-L98B-002-75000(3/8)	A	No	No	Inside Pole	138.00 - 0.00	2	No Ice	0.00	0.059
							1/2" Ice	0.00	0.059
							1" Ice	0.00	0.059
LCF114-50J(1-1/4)	C	No	No	Inside Pole	138.00 - 0.00	2	No Ice	0.00	0.700
							1/2" Ice	0.00	0.700
							1" Ice	0.00	0.700
LDF4-50A(1/2)	C	No	No	Inside Pole	138.00 - 0.00	1	No Ice	0.00	0.150
							1/2" Ice	0.00	0.150
							1" Ice	0.00	0.150
136									
AVA6-50(1-1/4)	C	No	No	Inside Pole	136.00 - 0.00	1	No Ice	0.00	0.460
							1/2" Ice	0.00	0.460
							1" Ice	0.00	0.460
130									
LDF7-50A(1-5/8)	A	No	No	Inside Pole	130.00 - 0.00	6	No Ice	0.00	0.820
							1/2" Ice	0.00	0.820
							1" Ice	0.00	0.820
113									
CU12PSM9P6XXX(1-1/2)	A	No	No	Inside Pole	113.00 - 0.00	1	No Ice	0.00	2.350
							1/2" Ice	0.00	2.350
							1" Ice	0.00	2.350
104									
HB158-21U6S24-xxM_TMO(1-5/8)	B	No	No	Inside Pole	104.00 - 0.00	2	No Ice	0.00	2.500
							1/2" Ice	0.00	2.500
							1" Ice	0.00	2.500
87									
LDF7-50A(1-5/8)	C	No	No	Inside Pole	87.00 - 0.00	16	No Ice	0.00	0.820
							1/2" Ice	0.00	0.820
							1" Ice	0.00	0.820
LDF2-50(3/8)	C	No	No	Inside Pole	87.00 - 0.00	2	No Ice	0.00	0.080
							1/2" Ice	0.00	0.080
							1" Ice	0.00	0.080
***									

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	138.50-108.50	A	0.000	0.000	4.248	0.000	0.49
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.06
L2	108.50-83.75	A	0.000	0.000	4.891	0.000	0.51
		B	0.000	0.000	0.000	0.000	0.10

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
		C	0.000	0.000	0.000	0.000	0.09
L3	83.75-43.00	A	0.000	0.000	8.052	0.000	0.84
		B	0.000	0.000	0.000	0.000	0.20
		C	0.000	0.000	1.688	0.000	0.63
L4	43.00-0.00	A	0.000	0.000	8.497	0.000	0.89
		B	0.000	0.000	0.000	0.000	0.21
		C	0.000	0.000	2.688	0.000	0.66

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	138.50-108.50	A	0.969	0.000	0.000	8.416	0.000	0.56
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.06
L2	108.50-83.75	A	0.945	0.000	0.000	9.570	0.000	0.60
		B		0.000	0.000	0.000	0.000	0.10
		C		0.000	0.000	0.000	0.000	0.09
L3	83.75-43.00	A	0.906	0.000	0.000	15.757	0.000	0.98
		B		0.000	0.000	0.000	0.000	0.20
		C		0.000	0.000	6.793	0.000	0.68
L4	43.00-0.00	A	0.811	0.000	0.000	16.292	0.000	1.03
		B		0.000	0.000	0.000	0.000	0.21
		C		0.000	0.000	10.483	0.000	0.74

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	138.50-108.50	-1.024	-0.591	-1.119	-0.646
L2	108.50-83.75	-1.333	-0.769	-1.471	-0.849
L3	83.75-43.00	-1.605	-0.601	-2.095	-0.472
L4	43.00-0.00	-1.737	-0.531	-2.364	-0.313

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	14	HB158-U12S24-XXX-LI(1-5/8)	108.50 - 130.00	1.0000	1.0000
L2	14	HB158-U12S24-XXX-LI(1-5/8)	83.75 - 108.50	1.0000	1.0000
L3	14	HB158-U12S24-XXX-LI(1-5	43.00 - 83.75	1.0000	1.0000

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
		/8)			
L3	23	LDF4-50A(1/2)	43.00 - 70.00	1.0000	1.0000
L4	14	HB158-U12S24-XXX-LI(1-5	0.00 - 43.00	1.0000	1.0000
		/8)			
L4	23	LDF4-50A(1/2)	0.00 - 43.00	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
138									
DS9A09F36D-N	C	From Centroid-Leg	4.00 0.000 10.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	6.33 8.47 10.62	6.33 8.47 10.62	0.08 0.12 0.18
7770.00 w/ Mount Pipe	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	3.39 3.75 4.12	2.32 2.66 3.02	0.06 0.10 0.15
7770.00 w/ Mount Pipe	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	3.39 3.75 4.12	2.32 2.66 3.02	0.06 0.10 0.15
7770.00 w/ Mount Pipe	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	3.39 3.75 4.12	2.32 2.66 3.02	0.06 0.10 0.15
QS66512-2 w/ Mount Pipe	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	4.04 4.42 4.82	4.18 4.57 4.97	0.14 0.21 0.29
(2) 80010965 w/ Mount Pipe	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	12.26 13.03 13.80	5.79 6.47 7.17	0.14 0.23 0.33
QS46512-2 w/ Mount Pipe	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	2.95 3.25 3.55	3.33 3.63 3.94	0.09 0.15 0.21
QS46512-2 w/ Mount Pipe	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	2.95 3.25 3.55	3.33 3.63 3.94	0.09 0.15 0.21
(2) 80010964 w/ Mount Pipe	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	8.61 9.18 9.77	4.10 4.59 5.10	0.12 0.19 0.26
(2) 80010964 w/ Mount Pipe	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	8.61 9.18 9.77	4.10 4.59 5.10	0.12 0.19 0.26
TT19-08BP111-001	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.55 0.64 0.74	0.44 0.53 0.63	0.02 0.02 0.03
TT19-08BP111-001	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.55 0.64 0.74	0.44 0.53 0.63	0.02 0.02 0.03
TT19-08BP111-001	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.55 0.64 0.74	0.44 0.53 0.63	0.02 0.02 0.03

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(2) DC6-48-60-18-8F	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.85 1.36 1.53	0.85 1.36 1.53	0.02 0.04 0.05
DC6-48-60-18-8F	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.85 1.36 1.53	0.85 1.36 1.53	0.02 0.04 0.05
RRUS 32	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	2.86 3.08 3.32	1.78 1.97 2.17	0.06 0.08 0.10
RRUS 32	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	2.86 3.08 3.32	1.78 1.97 2.17	0.06 0.08 0.10
RRUS 32	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	2.86 3.08 3.32	1.78 1.97 2.17	0.06 0.08 0.10
(2) TPX-070821	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.47 0.56 0.66	0.10 0.15 0.20	0.01 0.01 0.02
(2) TPX-070821	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.47 0.56 0.66	0.10 0.15 0.20	0.01 0.01 0.02
(2) TPX-070821	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.47 0.56 0.66	0.10 0.15 0.20	0.01 0.01 0.02
RRUS 4478 B14	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.84 2.01 2.19	1.06 1.20 1.34	0.06 0.08 0.09
RRUS 4478 B14	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.84 2.01 2.19	1.06 1.20 1.34	0.06 0.08 0.09
RRUS 4478 B14	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.84 2.01 2.19	1.06 1.20 1.34	0.06 0.08 0.09
ATSBT-TOP-FF-4G	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.17 0.23 0.29	0.09 0.14 0.19	0.00 0.00 0.01
ATSBT-TOP-FF-4G	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.17 0.23 0.29	0.09 0.14 0.19	0.00 0.00 0.01
ATSBT-TOP-FF-4G	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	0.17 0.23 0.29	0.09 0.14 0.19	0.00 0.00 0.01
RRUS 4449 B5/B12	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.97 2.14 2.33	1.41 1.56 1.73	0.07 0.09 0.11
RRUS 4449 B5/B12	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.97 2.14 2.33	1.41 1.56 1.73	0.07 0.09 0.11
RRUS 4449 B5/B12	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.97 2.14 2.33	1.41 1.56 1.73	0.07 0.09 0.11
RRUS 8843 B2/B66A	A	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	1.35 1.50 1.65	0.07 0.09 0.11
RRUS 8843 B2/B66A	B	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	1.35 1.50 1.65	0.07 0.09 0.11

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
RRUS 8843 B2/B66A	C	From Centroid-Leg	4.00 0.000 1.000	0.000	138.00	No Ice 1/2" Ice 1" Ice	1.64 1.80 1.97	1.35 1.50 1.65	0.07 0.09 0.11
Platform Mount [LP 303-1_HR-1]	C	None		0.000	138.00	No Ice 1/2" Ice 1" Ice	17.09 21.47 25.72	17.09 21.47 25.72	1.50 1.88 2.35
137									
TME-RRUS-11	A	From Leg	2.00 0.000 3.000	0.000	137.00	No Ice 1/2" Ice 1" Ice	2.78 2.99 3.21	1.19 1.33 1.49	0.05 0.07 0.09
TME-RRUS-11	B	From Leg	2.00 0.000 3.000	0.000	137.00	No Ice 1/2" Ice 1" Ice	2.78 2.99 3.21	1.19 1.33 1.49	0.05 0.07 0.09
TME-RRUS-11	C	From Leg	2.00 0.000 3.000	0.000	137.00	No Ice 1/2" Ice 1" Ice	2.78 2.99 3.21	1.19 1.33 1.49	0.05 0.07 0.09
Side Arm Mount [SO 901-3]	C	None		0.000	137.00	No Ice 1/2" Ice 1" Ice	1.14 1.49 1.91	1.14 1.49 1.91	0.32 0.34 0.37
136									
ANT150F6	B	From Leg	1.00 0.000 12.000	0.000	136.00	No Ice 1/2" Ice 1" Ice	4.80 6.83 8.87	4.80 6.83 8.87	0.03 0.07 0.11
Pipe Mount [PM 601-1]	B	From Leg	0.50 0.000 0.000	0.000	136.00	No Ice 1/2" Ice 1" Ice	1.32 1.58 1.84	1.32 1.58 1.84	0.07 0.08 0.09
130									
MT6407-77A w/ Mount Pipe	A	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	5.94 6.47 7.02	3.10 3.55 4.02	0.10 0.13 0.18
MT6407-77A w/ Mount Pipe	B	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	5.94 6.47 7.02	3.10 3.55 4.02	0.10 0.13 0.18
MT6407-77A w/ Mount Pipe	C	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	5.94 6.47 7.02	3.10 3.55 4.02	0.10 0.13 0.18
QS6656-5D w/ Mount Pipe	A	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.04 4.42 4.82	4.18 4.57 4.97	0.11 0.18 0.26
QS6656-5D w/ Mount Pipe	B	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.04 4.42 4.82	4.18 4.57 4.97	0.11 0.18 0.26
QS6656-5D w/ Mount Pipe	C	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.04 4.42 4.82	4.18 4.57 4.97	0.11 0.18 0.26
QS6656-5D	A	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.01 4.41 4.81	3.37 3.76 4.15	0.09 0.15 0.21
QS6656-5D	B	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.01 4.41 4.81	3.37 3.76 4.15	0.09 0.15 0.21
QS6656-5D	C	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.01 4.41 4.81	3.37 3.76 4.15	0.09 0.15 0.21
LNX-8513DS-A1M w/ Mount Pipe	A	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.09 4.49 4.89	3.30 3.68 4.06	0.07 0.13 0.20

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
LNX-8513DS-A1M w/ Mount Pipe	B	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.09 4.49 4.89	3.30 3.68 4.06	0.07 0.13 0.20
LNX-8513DS-A1M w/ Mount Pipe	C	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.09 4.49 4.89	3.30 3.68 4.06	0.07 0.13 0.20
(2) BSF0020F3V1	A	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	0.96 1.09 1.22	0.29 0.36 0.45	0.02 0.02 0.03
(2) BSF0020F3V1	B	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	0.96 1.09 1.22	0.29 0.36 0.45	0.02 0.02 0.03
(2) BSF0020F3V1	C	From Centroid-Leg	4.00 0.000 -2.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	0.96 1.09 1.22	0.29 0.36 0.45	0.02 0.02 0.03
RFV01U-D1A	A	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D1A	B	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D1A	C	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.25 1.39 1.54	0.08 0.10 0.12
RFV01U-D2A	A	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
RFV01U-D2A	B	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
RFV01U-D2A	C	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.01 1.14 1.28	0.07 0.09 0.11
RHSDC-6627-PF-48	B	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	4.06 4.32 4.58	3.10 3.34 3.58	0.03 0.07 0.11
2.4" Dia x 6-ft Pipe	A	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.43 1.93 2.30	1.43 1.93 2.30	0.02 0.03 0.05
2.4" Dia x 6-ft Pipe	B	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.43 1.93 2.30	1.43 1.93 2.30	0.02 0.03 0.05
2.4" Dia x 6-ft Pipe	C	From Centroid-Leg	4.00 0.000 0.000	0.000	130.00	No Ice 1/2" Ice 1" Ice	1.43 1.93 2.30	1.43 1.93 2.30	0.02 0.03 0.05
Platform Mount [LP 303-1_HR-1]	C	None		0.000	130.00	No Ice 1/2" Ice 1" Ice	25.40 33.00 40.10	25.40 33.00 40.10	3.70 4.49 5.38
113									
MX08FRO665-21 w/ Mount Pipe	A	From Centroid-Leg	4.00 0.000 1.000	0.000	113.00	No Ice 1/2" Ice 1" Ice	8.01 8.52 9.04	4.23 4.69 5.16	0.11 0.19 0.29
MX08FRO665-21 w/ Mount Pipe	B	From Centroid-Leg	4.00 0.000 1.000	0.000	113.00	No Ice 1/2" Ice 1" Ice	8.01 8.52 9.04	4.23 4.69 5.16	0.11 0.19 0.29
MX08FRO665-21 w/ Mount Pipe	C	From Centroid-Leg	4.00 0.000	0.000	113.00	No Ice 1/2" Ice	8.01 8.52	4.23 4.69	0.11 0.19

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
		g	1.000			1" Ice	9.04	5.16	0.29
TA08025-B604	A	From	4.00	0.000	113.00	No Ice	1.96	0.98	0.06
		Centroid-Le	0.000			1/2" Ice	2.14	1.11	0.08
		g	1.000			1" Ice	2.32	1.25	0.10
TA08025-B604	B	From	4.00	0.000	113.00	No Ice	1.96	0.98	0.06
		Centroid-Le	0.000			1/2" Ice	2.14	1.11	0.08
		g	1.000			1" Ice	2.32	1.25	0.10
TA08025-B604	C	From	4.00	0.000	113.00	No Ice	1.96	0.98	0.06
		Centroid-Le	0.000			1/2" Ice	2.14	1.11	0.08
		g	1.000			1" Ice	2.32	1.25	0.10
TA08025-B605	A	From	4.00	0.000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.000			1/2" Ice	2.14	1.27	0.09
		g	1.000			1" Ice	2.32	1.41	0.11
TA08025-B605	B	From	4.00	0.000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.000			1/2" Ice	2.14	1.27	0.09
		g	1.000			1" Ice	2.32	1.41	0.11
TA08025-B605	C	From	4.00	0.000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.000			1/2" Ice	2.14	1.27	0.09
		g	1.000			1" Ice	2.32	1.41	0.11
RDIDC-9181-PF-48	C	From	4.00	0.000	113.00	No Ice	2.01	1.17	0.02
		Centroid-Le	0.000			1/2" Ice	2.19	1.31	0.04
		g	1.000			1" Ice	2.37	1.46	0.06
(2) 2.4" Dia x 8-ft Mount Pipe	A	From	4.00	0.000	113.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.000			1/2" Ice	2.73	2.73	0.04
		g	0.000			1" Ice	3.40	3.40	0.06
(2) 2.4" Dia x 8-ft Mount Pipe	B	From	4.00	0.000	113.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.000			1/2" Ice	2.73	2.73	0.04
		g	0.000			1" Ice	3.40	3.40	0.06
(2) 2.4" Dia x 8-ft Mount Pipe	C	From	4.00	0.000	113.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.000			1/2" Ice	2.73	2.73	0.04
		g	0.000			1" Ice	3.40	3.40	0.06
Commscope MC-PK8-DSH	C	None		0.000	113.00	No Ice	34.24	34.24	1.75
						1/2" Ice	62.95	62.95	2.10
						1" Ice	91.66	91.66	2.02
104									
AIR6449 B41_T-MOBILE w/ Mount Pipe	A	From	4.00	0.000	104.00	No Ice	5.19	2.71	0.13
		Centroid-Le	0.000			1/2" Ice	5.59	3.04	0.17
		g	2.000			1" Ice	6.02	3.38	0.23
AIR6449 B41_T-MOBILE w/ Mount Pipe	B	From	4.00	0.000	104.00	No Ice	5.19	2.71	0.13
		Centroid-Le	0.000			1/2" Ice	5.59	3.04	0.17
		g	2.000			1" Ice	6.02	3.38	0.23
AIR6449 B41_T-MOBILE w/ Mount Pipe	C	From	4.00	0.000	104.00	No Ice	5.19	2.71	0.13
		Centroid-Le	0.000			1/2" Ice	5.59	3.04	0.17
		g	2.000			1" Ice	6.02	3.38	0.23
APXVAALL24_43-U-NA20 _TMO w/ Mount Pipe	A	From	4.00	0.000	104.00	No Ice	14.69	6.87	0.18
		Centroid-Le	0.000			1/2" Ice	15.46	7.55	0.31
		g	2.000			1" Ice	16.23	8.25	0.45
APXVAALL24_43-U-NA20 _TMO w/ Mount Pipe	B	From	4.00	0.000	104.00	No Ice	14.69	6.87	0.18
		Centroid-Le	0.000			1/2" Ice	15.46	7.55	0.31
		g	2.000			1" Ice	16.23	8.25	0.45
APXVAALL24_43-U-NA20 _TMO w/ Mount Pipe	C	From	4.00	0.000	104.00	No Ice	14.69	6.87	0.18
		Centroid-Le	0.000			1/2" Ice	15.46	7.55	0.31
		g	2.000			1" Ice	16.23	8.25	0.45
VV-65A-R1_TMO w/ Mount Pipe	A	From	4.00	0.000	104.00	No Ice	4.46	2.69	0.05
		Centroid-Le	0.000			1/2" Ice	4.91	3.10	0.10
		g	2.000			1" Ice	5.36	3.52	0.15
VV-65A-R1_TMO w/ Mount	B	From	4.00	0.000	104.00	No Ice	4.46	2.69	0.05

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft	Offsets: Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
Pipe		Centroid-Leg	0.000	2.000			1/2" Ice	4.91	3.10	0.10
							1" Ice	5.36	3.52	0.15
VV-65A-R1_TMO w/ Mount Pipe	C	From Centroid-Leg	4.00	0.000	0.000	104.00	No Ice	4.46	2.69	0.05
			0.000	2.000			1/2" Ice	4.91	3.10	0.10
							1" Ice	5.36	3.52	0.15
RADIO 4480 B71_TMO	A	From Centroid-Leg	4.00	0.000	0.000	104.00	No Ice	2.85	1.38	0.09
			0.000	2.000			1/2" Ice	3.06	1.54	0.11
							1" Ice	3.28	1.71	0.14
RADIO 4480 B71_TMO	B	From Centroid-Leg	4.00	0.000	0.000	104.00	No Ice	2.85	1.38	0.09
			0.000	2.000			1/2" Ice	3.06	1.54	0.11
							1" Ice	3.28	1.71	0.14
RADIO 4480 B71_TMO	C	From Centroid-Leg	4.00	0.000	0.000	104.00	No Ice	2.85	1.38	0.09
			0.000	2.000			1/2" Ice	3.06	1.54	0.11
							1" Ice	3.28	1.71	0.14
RADIO 4460 B2/B25 B66_TMO	A	From Centroid-Leg	4.00	0.000	0.000	104.00	No Ice	2.14	1.69	0.11
			0.000	2.000			1/2" Ice	2.32	1.85	0.13
							1" Ice	2.51	2.02	0.16
RADIO 4460 B2/B25 B66_TMO	B	From Centroid-Leg	4.00	0.000	0.000	104.00	No Ice	2.14	1.69	0.11
			0.000	2.000			1/2" Ice	2.32	1.85	0.13
							1" Ice	2.51	2.02	0.16
RADIO 4460 B2/B25 B66_TMO	C	From Centroid-Leg	4.00	0.000	0.000	104.00	No Ice	2.14	1.69	0.11
			0.000	2.000			1/2" Ice	2.32	1.85	0.13
							1" Ice	2.51	2.02	0.16
Miscellaneous [NA 507-1]	C	None			0.000	104.00	No Ice	4.56	4.56	0.24
							1/2" Ice	6.39	6.39	0.31
							1" Ice	8.18	8.18	0.40
Platform Mount [LP 712-1_KCKR]	C	None			0.000	104.00	No Ice	35.78	35.78	1.61
							1/2" Ice	42.14	42.14	2.33
							1" Ice	48.66	48.66	3.15
87										
LNX-6515DS-VTM w/ Mount Pipe	A	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	5.31	4.27	0.08
			0.000	0.000			1/2" Ice	5.80	4.75	0.17
							1" Ice	6.30	5.24	0.26
LNX-6515DS-VTM w/ Mount Pipe	B	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	5.31	4.27	0.08
			0.000	0.000			1/2" Ice	5.80	4.75	0.17
							1" Ice	6.30	5.24	0.26
LNX-6515DS-VTM w/ Mount Pipe	C	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	5.31	4.27	0.08
			0.000	0.000			1/2" Ice	5.80	4.75	0.17
							1" Ice	6.30	5.24	0.26
(2) APXV18-209014-C w/ Mount Pipe	A	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	2.55	2.14	0.05
			0.000	0.000			1/2" Ice	2.95	2.54	0.08
							1" Ice	3.37	2.95	0.12
(2) APXV18-209014-C w/ Mount Pipe	B	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	2.55	2.14	0.05
			0.000	0.000			1/2" Ice	2.95	2.54	0.08
							1" Ice	3.37	2.95	0.12
(2) APXV18-209014-C w/ Mount Pipe	C	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	2.55	2.14	0.05
			0.000	0.000			1/2" Ice	2.95	2.54	0.08
							1" Ice	3.37	2.95	0.12
(2) ETM19V2S12UB	A	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	0.67	0.20	0.01
			0.000	0.000			1/2" Ice	0.77	0.27	0.02
							1" Ice	0.88	0.34	0.02
(2) ETM19V2S12UB	B	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	0.67	0.20	0.01
			0.000	0.000			1/2" Ice	0.77	0.27	0.02
							1" Ice	0.88	0.34	0.02
(2) ETM19V2S12UB	C	From Centroid-Leg	4.00	0.000	0.000	87.00	No Ice	0.67	0.20	0.01
			0.000	0.000			1/2" Ice	0.77	0.27	0.02
							1" Ice	0.88	0.34	0.02

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft Vert ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
ATBT-BOTTOM-24V	A	From Centroid-Leg	4.00 0.000 0.000	0.000	87.00	No Ice 1/2" Ice 1" Ice	0.10 0.15 0.20	0.06 0.10 0.15	0.00 0.00 0.01
ATBT-BOTTOM-24V	B	From Centroid-Leg	4.00 0.000 0.000	0.000	87.00	No Ice 1/2" Ice 1" Ice	0.10 0.15 0.20	0.06 0.10 0.15	0.00 0.00 0.01
ATBT-BOTTOM-24V	C	From Centroid-Leg	4.00 0.000 0.000	0.000	87.00	No Ice 1/2" Ice 1" Ice	0.10 0.15 0.20	0.06 0.10 0.15	0.00 0.00 0.01
ACU-A20-N	A	From Centroid-Leg	4.00 0.000 0.000	0.000	87.00	No Ice 1/2" Ice 1" Ice	0.07 0.10 0.15	0.12 0.16 0.21	0.00 0.00 0.00
ACU-A20-N	B	From Centroid-Leg	4.00 0.000 0.000	0.000	87.00	No Ice 1/2" Ice 1" Ice	0.07 0.10 0.15	0.12 0.16 0.21	0.00 0.00 0.00
ACU-A20-N	C	From Centroid-Leg	4.00 0.000 0.000	0.000	87.00	No Ice 1/2" Ice 1" Ice	0.07 0.10 0.15	0.12 0.16 0.21	0.00 0.00 0.00
Platform Mount [LP 305-1]	C	None		0.000	87.00	No Ice 1/2" Ice 1" Ice	18.04 22.04 26.06	18.04 22.04 26.06	1.12 1.47 1.88
70									
KS24019-L112A	C	From Face	3.00 0.000 1.000	0.000	70.00	No Ice 1/2" Ice 1" Ice	0.08 0.13 0.19	0.08 0.13 0.19	0.01 0.01 0.01
Side Arm Mount [SO 701-1]	C	From Face	1.50 0.000 0.000	0.000	70.00	No Ice 1/2" Ice 1" Ice	0.85 1.14 1.43	1.67 2.34 3.01	0.07 0.08 0.09
***									

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

Comb. No.	Description
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	138.5 - 108.5	Pole	Max Tension	33	0.00	-0.00	0.00
			Max. Compression	26	-26.23	0.15	0.39
			Max. Mx	20	-16.17	258.59	0.41
			Max. My	2	-16.15	0.35	263.19
			Max. Vy	20	-12.34	258.59	0.41
			Max. Vx	2	-12.48	0.35	263.19
			Max. Torque	17			-0.76
L2	108.5 - 83.75	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-36.93	0.31	0.49
			Max. Mx	20	-22.88	575.36	0.51
			Max. My	2	-22.87	0.50	582.75
			Max. Vy	20	-16.69	575.36	0.51
			Max. Vx	2	-16.83	0.50	582.75
			Max. Torque	24			0.22
L3	83.75 - 43	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-50.78	0.70	0.29
			Max. Mx	20	-33.40	1329.02	0.46
			Max. My	2	-33.39	0.81	1340.91
			Max. Vy	20	-20.29	1329.02	0.46
			Max. Vx	2	-20.40	0.81	1340.91

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Torque	22			0.33
L4	43 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-66.69	1.32	0.46
			Max. Mx	20	-46.96	2384.64	0.73
			Max. My	2	-46.96	1.26	2401.52
			Max. Vy	20	-22.79	2384.64	0.73
			Max. Vx	2	-22.89	1.26	2401.52
			Max. Torque	22			0.33

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	27	66.69	0.00	6.51
	Max. H_x	21	35.23	22.76	0.00
	Max. H_z	3	35.23	0.00	22.86
	Max. M_x	2	2401.52	0.00	22.86
	Max. M_z	8	2382.99	-22.76	-0.00
	Max. Torsion	22	0.33	19.71	11.43
	Min. Vert	7	35.23	-19.71	11.43
	Min. H_x	9	35.23	-22.76	-0.00
	Min. H_z	15	35.23	-0.00	-22.86
	Min. M_x	14	-2400.94	-0.00	-22.86
	Min. M_z	20	-2384.64	22.76	0.00
	Min. Torsion	10	-0.32	-19.71	-11.43

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	39.15	0.00	0.00	-0.22	0.64	0.00
1.2 Dead+1.0 Wind 0 deg - No Ice	46.98	-0.00	-22.86	-2401.52	1.26	-0.19
0.9 Dead+1.0 Wind 0 deg - No Ice	35.23	-0.00	-22.86	-2362.83	1.03	-0.19
1.2 Dead+1.0 Wind 30 deg - No Ice	46.98	11.38	-19.80	-2079.62	-1190.69	-0.03
0.9 Dead+1.0 Wind 30 deg - No Ice	35.23	11.38	-19.80	-2046.13	-1171.80	-0.03
1.2 Dead+1.0 Wind 60 deg - No Ice	46.98	19.71	-11.43	-1200.56	-2063.40	0.13
0.9 Dead+1.0 Wind 60 deg - No Ice	35.23	19.71	-11.43	-1181.19	-2030.51	0.13
1.2 Dead+1.0 Wind 90 deg - No Ice	46.98	22.76	0.00	0.14	-2382.99	0.26
0.9 Dead+1.0 Wind 90 deg - No Ice	35.23	22.76	0.00	0.21	-2344.96	0.26
1.2 Dead+1.0 Wind 120 deg - No Ice	46.98	19.71	11.43	1200.72	-2063.83	0.32
0.9 Dead+1.0 Wind 120 deg - No Ice	35.23	19.71	11.43	1181.50	-2030.93	0.32

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
1.2 Dead+1.0 Wind 150 deg - No Ice	46.98	11.38	19.80	2079.47	-1191.44	0.30
0.9 Dead+1.0 Wind 150 deg - No Ice	35.23	11.38	19.80	2046.12	-1172.54	0.29
1.2 Dead+1.0 Wind 180 deg - No Ice	46.98	0.00	22.86	2400.94	0.38	0.19
0.9 Dead+1.0 Wind 180 deg - No Ice	35.23	0.00	22.86	2362.41	0.18	0.19
1.2 Dead+1.0 Wind 210 deg - No Ice	46.98	-11.38	19.80	2079.04	1192.33	0.04
0.9 Dead+1.0 Wind 210 deg - No Ice	35.23	-11.38	19.80	2045.70	1173.01	0.04
1.2 Dead+1.0 Wind 240 deg - No Ice	46.98	-19.71	11.43	1199.97	2065.04	-0.13
0.9 Dead+1.0 Wind 240 deg - No Ice	35.23	-19.71	11.43	1180.76	2031.72	-0.13
1.2 Dead+1.0 Wind 270 deg - No Ice	46.98	-22.76	-0.00	-0.73	2384.64	-0.27
0.9 Dead+1.0 Wind 270 deg - No Ice	35.23	-22.76	-0.00	-0.64	2346.17	-0.26
1.2 Dead+1.0 Wind 300 deg - No Ice	46.98	-19.71	-11.43	-1201.31	2065.47	-0.33
0.9 Dead+1.0 Wind 300 deg - No Ice	35.23	-19.71	-11.43	-1181.93	2032.14	-0.32
1.2 Dead+1.0 Wind 330 deg - No Ice	46.98	-11.38	-19.80	-2080.06	1193.08	-0.30
0.9 Dead+1.0 Wind 330 deg - No Ice	35.23	-11.38	-19.80	-2046.55	1173.74	-0.30
1.2 Dead+1.0 Ice+1.0 Temp	66.69	-0.00	-0.00	-0.46	1.32	-0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	66.69	-0.00	-6.51	-688.99	1.52	-0.08
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	66.69	3.25	-5.63	-596.73	-341.15	-0.01
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	66.69	5.62	-3.25	-344.71	-592.03	0.06
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	66.69	6.49	0.00	-0.47	-683.87	0.12
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	66.69	5.62	3.25	343.75	-592.12	0.14
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	66.69	3.25	5.63	595.71	-341.30	0.13
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	66.69	0.00	6.51	687.89	1.36	0.08
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	66.69	-3.25	5.63	595.63	344.03	0.01
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	66.69	-5.62	3.25	343.61	594.91	-0.06
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	66.69	-6.49	-0.00	-0.63	686.75	-0.12
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	66.69	-5.62	-3.25	-344.85	594.99	-0.14
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	66.69	-3.25	-5.63	-596.81	344.18	-0.13
Dead+Wind 0 deg - Service	39.15	-0.00	-5.76	-600.03	0.79	-0.04
Dead+Wind 30 deg - Service	39.15	2.87	-4.99	-519.63	-296.95	-0.01
Dead+Wind 60 deg - Service	39.15	4.97	-2.88	-300.05	-514.94	0.03
Dead+Wind 90 deg - Service	39.15	5.74	0.00	-0.13	-594.76	0.06
Dead+Wind 120 deg - Service	39.15	4.97	2.88	299.75	-515.05	0.07
Dead+Wind 150 deg - Service	39.15	2.87	4.99	519.25	-297.14	0.07
Dead+Wind 180 deg - Service	39.15	0.00	5.76	599.55	0.57	0.04
Dead+Wind 210 deg - Service	39.15	-2.87	4.99	519.15	298.31	0.01

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+Wind 240 deg - Service	39.15	-4.97	2.88	299.57	516.30	-0.03
Dead+Wind 270 deg - Service	39.15	-5.74	-0.00	-0.35	596.12	-0.06
Dead+Wind 300 deg - Service	39.15	-4.97	-2.88	-300.23	516.41	-0.07
Dead+Wind 330 deg - Service	39.15	-2.87	-4.99	-519.74	298.50	-0.07

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
1	0.00	-39.15	0.00	0.00	39.15	0.00	0.000%
2	-0.00	-46.98	-22.86	0.00	46.98	22.86	0.000%
3	-0.00	-35.23	-22.86	0.00	35.23	22.86	0.000%
4	11.38	-46.98	-19.80	-11.38	46.98	19.80	0.000%
5	11.38	-35.23	-19.80	-11.38	35.23	19.80	0.000%
6	19.71	-46.98	-11.43	-19.71	46.98	11.43	0.000%
7	19.71	-35.23	-11.43	-19.71	35.23	11.43	0.000%
8	22.76	-46.98	0.00	-22.76	46.98	-0.00	0.000%
9	22.76	-35.23	0.00	-22.76	35.23	-0.00	0.000%
10	19.71	-46.98	11.43	-19.71	46.98	-11.43	0.000%
11	19.71	-35.23	11.43	-19.71	35.23	-11.43	0.000%
12	11.38	-46.98	19.80	-11.38	46.98	-19.80	0.000%
13	11.38	-35.23	19.80	-11.38	35.23	-19.80	0.000%
14	0.00	-46.98	22.86	-0.00	46.98	-22.86	0.000%
15	0.00	-35.23	22.86	-0.00	35.23	-22.86	0.000%
16	-11.38	-46.98	19.80	11.38	46.98	-19.80	0.000%
17	-11.38	-35.23	19.80	11.38	35.23	-19.80	0.000%
18	-19.71	-46.98	11.43	19.71	46.98	-11.43	0.000%
19	-19.71	-35.23	11.43	19.71	35.23	-11.43	0.000%
20	-22.76	-46.98	-0.00	22.76	46.98	0.00	0.000%
21	-22.76	-35.23	-0.00	22.76	35.23	0.00	0.000%
22	-19.71	-46.98	-11.43	19.71	46.98	11.43	0.000%
23	-19.71	-35.23	-11.43	19.71	35.23	11.43	0.000%
24	-11.38	-46.98	-19.80	11.38	46.98	19.80	0.000%
25	-11.38	-35.23	-19.80	11.38	35.23	19.80	0.000%
26	0.00	-66.69	0.00	0.00	66.69	0.00	0.000%
27	-0.00	-66.69	-6.51	0.00	66.69	6.51	0.000%
28	3.25	-66.69	-5.63	-3.25	66.69	5.63	0.000%
29	5.62	-66.69	-3.25	-5.62	66.69	3.25	0.000%
30	6.49	-66.69	0.00	-6.49	66.69	-0.00	0.000%
31	5.62	-66.69	3.25	-5.62	66.69	-3.25	0.000%
32	3.25	-66.69	5.63	-3.25	66.69	-5.63	0.000%
33	0.00	-66.69	6.51	-0.00	66.69	-6.51	0.000%
34	-3.25	-66.69	5.63	3.25	66.69	-5.63	0.000%
35	-5.62	-66.69	3.25	5.62	66.69	-3.25	0.000%
36	-6.49	-66.69	-0.00	6.49	66.69	0.00	0.000%
37	-5.62	-66.69	-3.25	5.62	66.69	3.25	0.000%
38	-3.25	-66.69	-5.63	3.25	66.69	5.63	0.000%
39	-0.00	-39.15	-5.76	0.00	39.15	5.76	0.000%
40	2.87	-39.15	-4.99	-2.87	39.15	4.99	0.000%
41	4.97	-39.15	-2.88	-4.97	39.15	2.88	0.000%
42	5.74	-39.15	0.00	-5.74	39.15	-0.00	0.000%
43	4.97	-39.15	2.88	-4.97	39.15	-2.88	0.000%
44	2.87	-39.15	4.99	-2.87	39.15	-4.99	0.000%
45	0.00	-39.15	5.76	-0.00	39.15	-5.76	0.000%
46	-2.87	-39.15	4.99	2.87	39.15	-4.99	0.000%
47	-4.97	-39.15	2.88	4.97	39.15	-2.88	0.000%
48	-5.74	-39.15	-0.00	5.74	39.15	0.00	0.000%

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX K	PY K	PZ K	PX K	PY K	PZ K	% Error
49	-4.97	-39.15	-2.88	4.97	39.15	2.88	0.000%
50	-2.87	-39.15	-4.99	2.87	39.15	4.99	0.000%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	5	0.00000001	0.00009497
3	Yes	4	0.00000001	0.00089799
4	Yes	6	0.00000001	0.00046790
5	Yes	6	0.00000001	0.00016394
6	Yes	6	0.00000001	0.00046631
7	Yes	6	0.00000001	0.00016350
8	Yes	5	0.00000001	0.00008580
9	Yes	4	0.00000001	0.00083638
10	Yes	6	0.00000001	0.00047001
11	Yes	6	0.00000001	0.00016491
12	Yes	6	0.00000001	0.00046630
13	Yes	6	0.00000001	0.00016333
14	Yes	5	0.00000001	0.00009086
15	Yes	4	0.00000001	0.00087122
16	Yes	6	0.00000001	0.00047038
17	Yes	6	0.00000001	0.00016485
18	Yes	6	0.00000001	0.00046768
19	Yes	6	0.00000001	0.00016399
20	Yes	5	0.00000001	0.00008268
21	Yes	4	0.00000001	0.00081641
22	Yes	6	0.00000001	0.00046539
23	Yes	6	0.00000001	0.00016301
24	Yes	6	0.00000001	0.00047339
25	Yes	6	0.00000001	0.00016590
26	Yes	4	0.00000001	0.00000512
27	Yes	5	0.00000001	0.00084060
28	Yes	6	0.00000001	0.00016227
29	Yes	6	0.00000001	0.00016197
30	Yes	5	0.00000001	0.00083149
31	Yes	6	0.00000001	0.00016206
32	Yes	6	0.00000001	0.00016127
33	Yes	5	0.00000001	0.00083716
34	Yes	6	0.00000001	0.00016265
35	Yes	6	0.00000001	0.00016225
36	Yes	5	0.00000001	0.00083477
37	Yes	6	0.00000001	0.00016245
38	Yes	6	0.00000001	0.00016396
39	Yes	4	0.00000001	0.00021348
40	Yes	5	0.00000001	0.00009241
41	Yes	5	0.00000001	0.00009240
42	Yes	4	0.00000001	0.00020853
43	Yes	5	0.00000001	0.00009374
44	Yes	5	0.00000001	0.00009145
45	Yes	4	0.00000001	0.00021285
46	Yes	5	0.00000001	0.00009380
47	Yes	5	0.00000001	0.00009286
48	Yes	4	0.00000001	0.00020900
49	Yes	5	0.00000001	0.00009192

50	Yes	5	0.00000001	0.00009517

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection ft	Gov. Load Comb.	Tilt °	Twist °
L1	138.5 - 108.5	1.713	39	1.474	0.001
L2	108.5 - 83.75	1.002	39	1.163	0.000
L3	88.25 - 43	0.641	39	0.875	0.000
L4	49 - 0	0.188	39	0.436	0.000

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection ft	Tilt °	Twist °	Radius of Curvature ft
138.00	DS9A09F36D-N	39	1.701	1.470	0.001	19229
137.00	TME-RRUS-11	39	1.676	1.461	0.001	19229
136.00	ANT150F6	39	1.650	1.451	0.001	19229
130.00	MT6407-77A w/ Mount Pipe	39	1.500	1.396	0.001	11311
113.00	MX08FRO665-21 w/ Mount Pipe	39	1.098	1.219	0.000	3770
104.00	AIR6449 B41_T-MOBILE w/ Mount Pipe	39	0.912	1.102	0.000	3501
87.00	LNX-6515DS-VTM w/ Mount Pipe	39	0.621	0.858	0.000	5102
70.00	KS24019-L112A	39	0.391	0.649	0.000	4883

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection ft	Gov. Load Comb.	Tilt °	Twist °
L1	138.5 - 108.5	6.874	2	5.917	0.005
L2	108.5 - 83.75	4.019	2	4.672	0.002
L3	88.25 - 43	2.569	2	3.514	0.001
L4	49 - 0	0.754	2	1.747	0.000

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection ft	Tilt °	Twist °	Radius of Curvature ft
138.00	DS9A09F36D-N	2	6.824	5.899	0.006	4873
137.00	TME-RRUS-11	2	6.722	5.863	0.006	4873
136.00	ANT150F6	2	6.621	5.827	0.005	4873
130.00	MT6407-77A w/ Mount Pipe	2	6.017	5.607	0.005	2866
113.00	MX08FRO665-21 w/ Mount Pipe	2	4.403	4.897	0.003	952

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection ft	Tilt °	Twist °	Radius of Curvature ft
104.00	AIR6449 B41_T-MOBILE w/ Mount Pipe	2	3.660	4.426	0.002	881
87.00	LNX-6515DS-VTM w/ Mount Pipe	2	2.492	3.445	0.001	1276
70.00	KS24019-L112A	2	1.567	2.605	0.001	1219

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	138.5 - 108.5 (1)	TP24.5x17.375x0.188	30.00	0.00	0.0	14.469	-16.15	846.43	0.019
L2	108.5 - 83.75 (2)	TP31.88x24.5x0.25	24.75	0.00	0.0	24.034	-22.87	1405.97	0.016
L3	83.75 - 43 (3)	TP43.42x30.038x0.313	45.25	0.00	0.0	40.997	-33.39	2398.34	0.014
L4	43 - 0 (4)	TP55.5x41.021x0.313	49.00	0.00	0.0	54.739	-46.96	3202.24	0.015

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	138.5 - 108.5 (1)	TP24.5x17.375x0.188	263.19	490.86	0.536	0.00	490.86	0.000
L2	108.5 - 83.75 (2)	TP31.88x24.5x0.25	582.75	1038.94	0.561	0.00	1038.94	0.000
L3	83.75 - 43 (3)	TP43.42x30.038x0.313	1340.91	2348.02	0.571	0.00	2348.02	0.000
L4	43 - 0 (4)	TP55.5x41.021x0.313	2401.53	3679.57	0.653	0.00	3679.57	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	138.5 - 108.5 (1)	TP24.5x17.375x0.188	12.48	253.93	0.049	0.19	540.66	0.000
L2	108.5 - 83.75 (2)	TP31.88x24.5x0.25	16.83	421.79	0.040	0.19	1118.79	0.000
L3	83.75 - 43 (3)	TP43.42x30.038x0.313	20.40	719.50	0.028	0.19	2604.42	0.000
L4	43 - 0 (4)	TP55.5x41.021x0.313	22.89	960.67	0.024	0.19	4642.97	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	138.5 - 108.5 (1)	0.019	0.536	0.000	0.049	0.000	0.558	1.050	
L2	108.5 - 83.75 (2)	0.016	0.561	0.000	0.040	0.000	0.579	1.050	
L3	83.75 - 43 (3)	0.014	0.571	0.000	0.028	0.000	0.586	1.050	
L4	43 - 0 (4)	0.015	0.653	0.000	0.024	0.000	0.668	1.050	

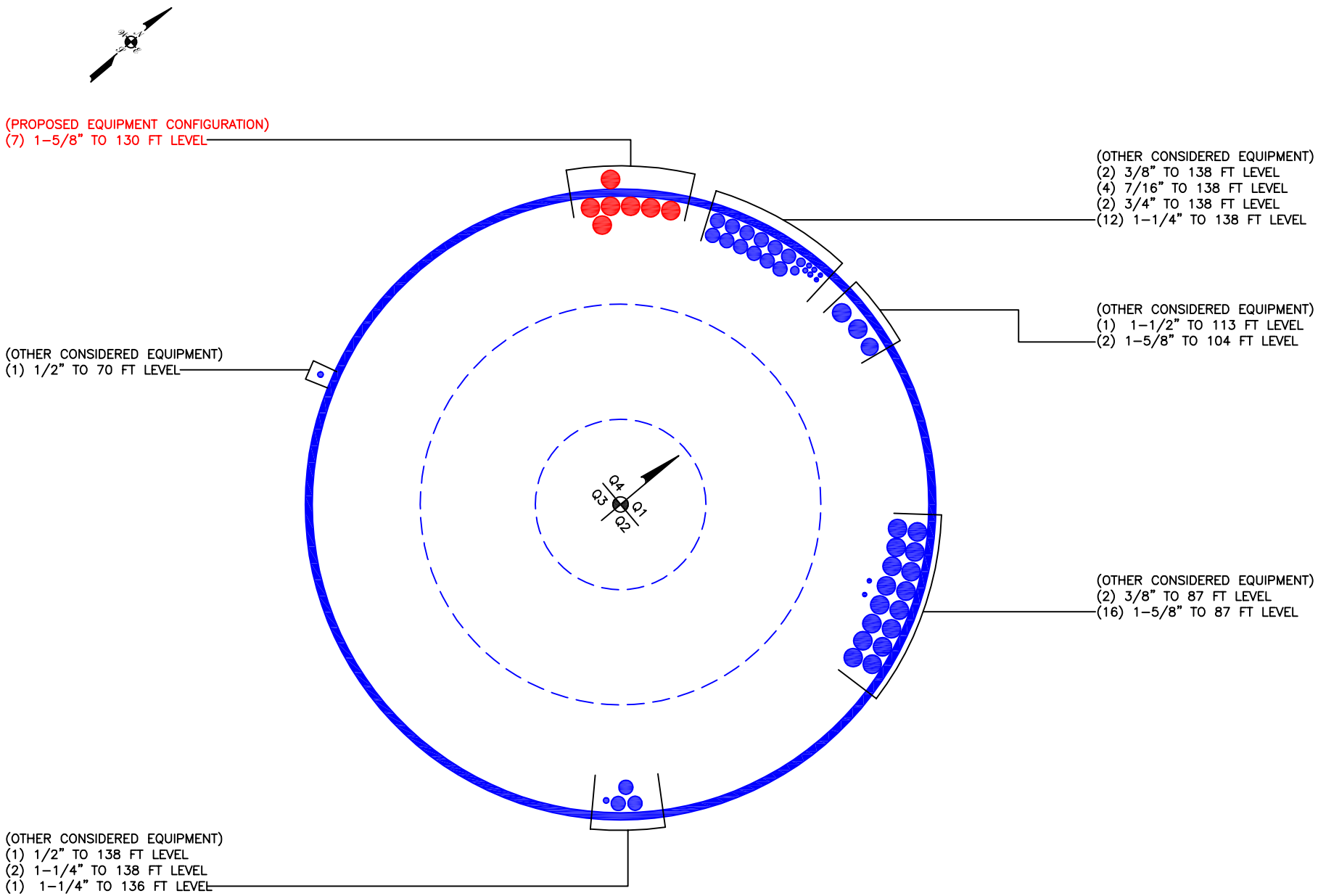
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	138.5 - 108.5	Pole	TP24.5x17.375x0.188	1	-16.15	888.76	53.1	Pass
L2	108.5 - 83.75	Pole	TP31.88x24.5x0.25	2	-22.87	1476.27	55.1	Pass
L3	83.75 - 43	Pole	TP43.42x30.038x0.313	3	-33.39	2518.26	55.8	Pass
L4	43 - 0	Pole	TP55.5x41.021x0.313	4	-46.96	3362.35	63.6	Pass
							Summary	
						Pole (L4)	63.6	Pass
						RATING =	**63.6**	**Pass**

Program Version 8.2.2.0

APPENDIX B

BASE LEVEL DRAWING


(PROPOSED EQUIPMENT CONFIGURATION)
(7) 1-5/8" TO 130 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(2) 3/8" TO 138 FT LEVEL
(4) 7/16" TO 138 FT LEVEL
(2) 3/4" TO 138 FT LEVEL
(12) 1-1/4" TO 138 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1-1/2" TO 113 FT LEVEL
(2) 1-5/8" TO 104 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 70 FT LEVEL
Q4
Q1
Q3
Q2
(OTHER CONSIDERED EQUIPMENT)
(2) 3/8" TO 87 FT LEVEL
(16) 1-5/8" TO 87 FT LEVEL
(OTHER CONSIDERED EQUIPMENT)
(1) 1/2" TO 138 FT LEVEL
(2) 1-1/4" TO 138 FT LEVEL
(1) 1-1/4" TO 136 FT LEVEL

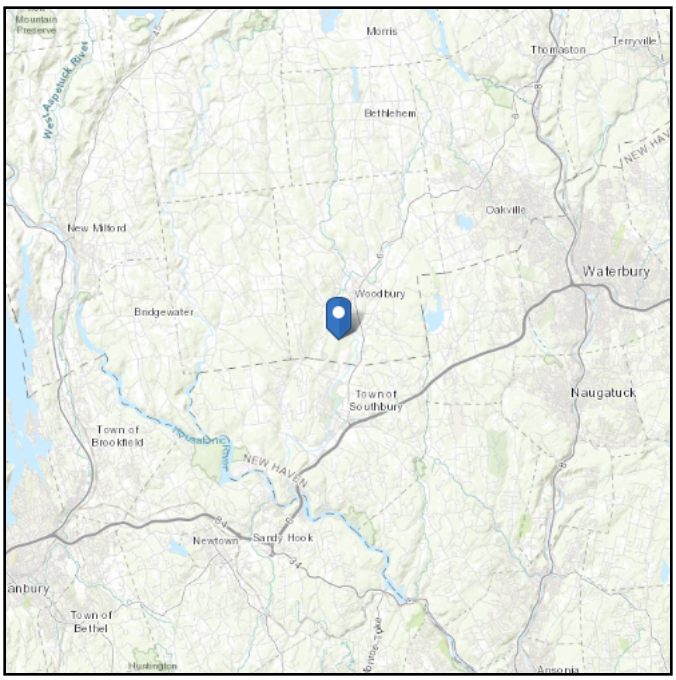
APPENDIX C

ADDITIONAL CALCULATIONS

ASCE Hazards Report

Address:
No Address at This Location

Standard:	ASCE/SEI 7-16	**Latitude:**	41.522
Risk Category:	II	**Longitude:**	-73.220736
Soil Class:	D - Default (see Section 11.4.3)	**Elevation:**	589.5911177612721 ft (NAVD 88)



Wind

Results:

Wind Speed	116 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	96 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:	Wed Jan 24 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.

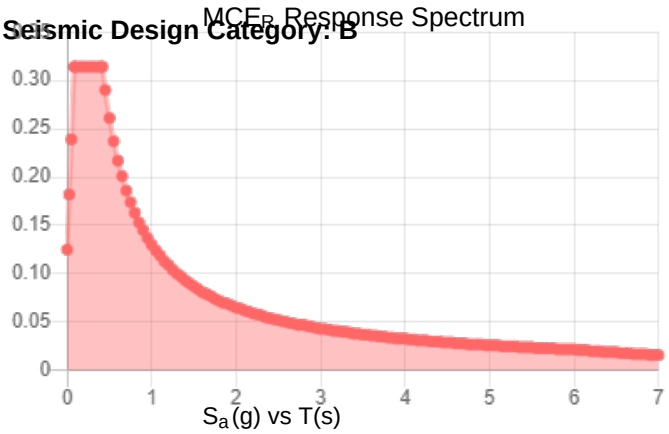
Seismic

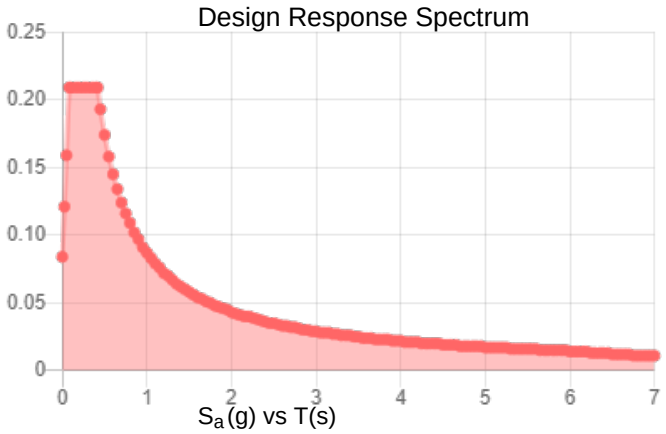
Site Soil Class: D - Default (see Section 11.4.3)

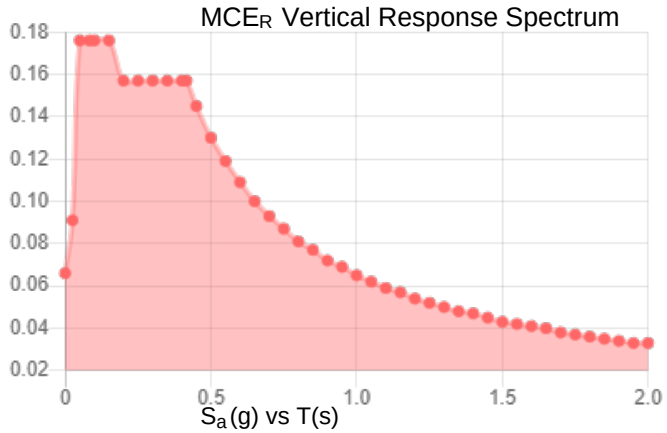
Results:

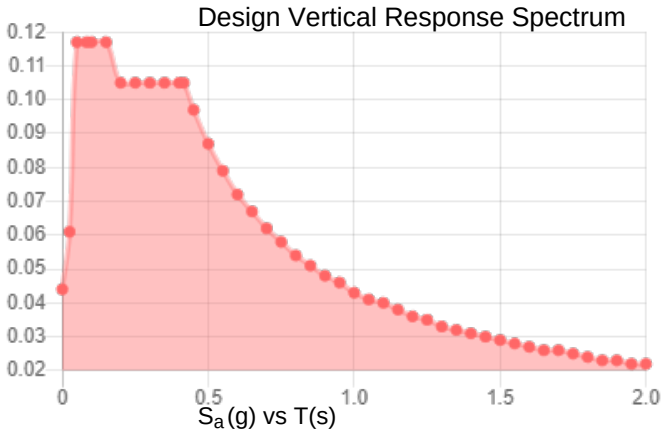
S_S :	0.196	S_{D1} :	0.087
S_1 :	0.054	T_L :	6
F_a :	1.6	PGA :	0.109
F_v :	2.4	PGA_M :	0.172
S_{MS} :	0.314	F_{PGA} :	1.583
S_{M1} :	0.13	I_e :	1
S_{DS} :	0.209	C_v :	0.7

Seismic Design Category: B









Data Accessed: **Wed Jan 24 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:	Wed Jan 24 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.

Monopole Flange Plate Connection

Elevation = 108.5 ft.

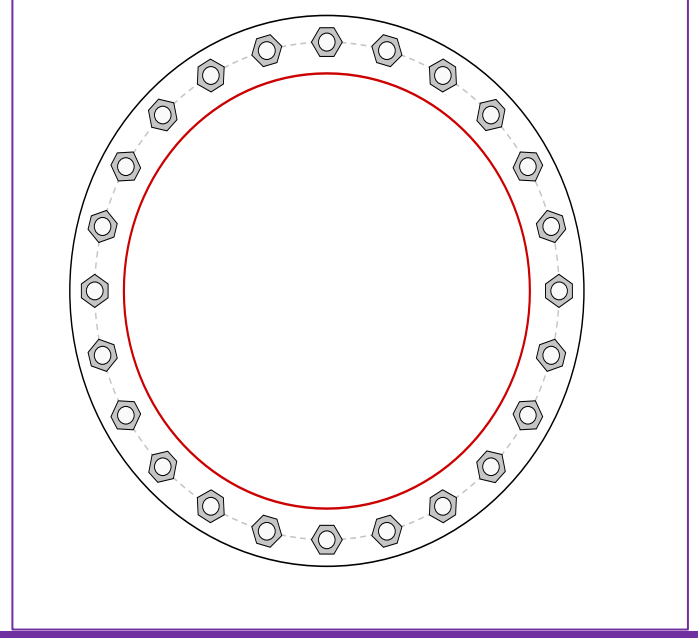
BU #	876380
Site Name	O&G Woodbury
Order #	654606 Rev. 0

TIA-222 Revision	H

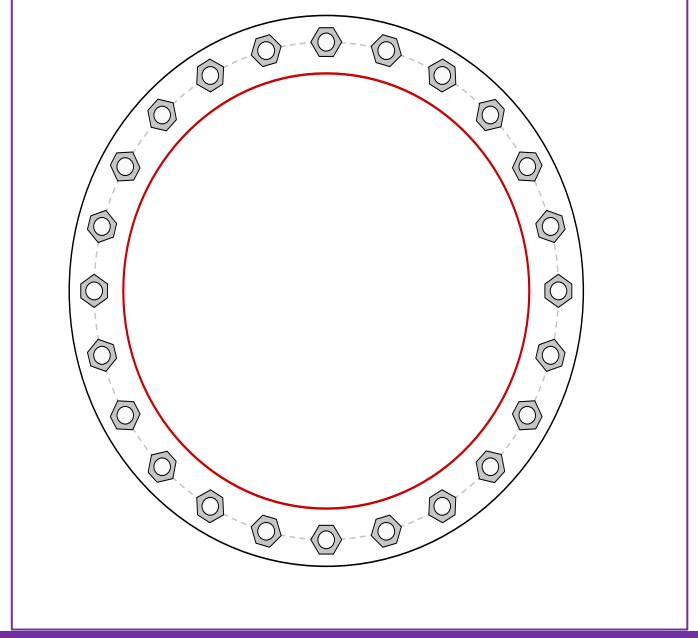
Applied Loads	
Moment (kip-ft)	263.19
Axial Force (kips)	16.15
Shear Force (kips)	12.48

**TIA-222-H Section 15.5 Applied*

Top Plate - External



Bottom Plate - External



Connection Properties

Bolt Data

(24) 1" ø bolts (A325 N; Fy=92 ksi, Fu=120 ksi) on 28" BC

Top Plate Data

31" OD x 1.5" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Bottom Plate Data

31" OD x 1.5" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Top Stiffener Data

N/A

Bottom Stiffener Data

N/A

Top Pole Data

24.5" x 0.1875" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Bottom Pole Data

24.5" x 0.25" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	18.12	
Allowable (kips)	54.53	
Stress Rating:	**31.6%**	**Pass**

Top Plate Capacity

Max Stress (ksi):	11.49	(Flexural)
Allowable Stress (ksi):	54.00	
Stress Rating:	**20.3%**	**Pass**
Tension Side Stress Rating:	**10.6%**	**Pass**

Bottom Plate Capacity

Max Stress (ksi):	11.49	(Flexural)
Allowable Stress (ksi):	54.00	
Stress Rating:	**20.3%**	**Pass**
Tension Side Stress Rating:	**10.6%**	**Pass**

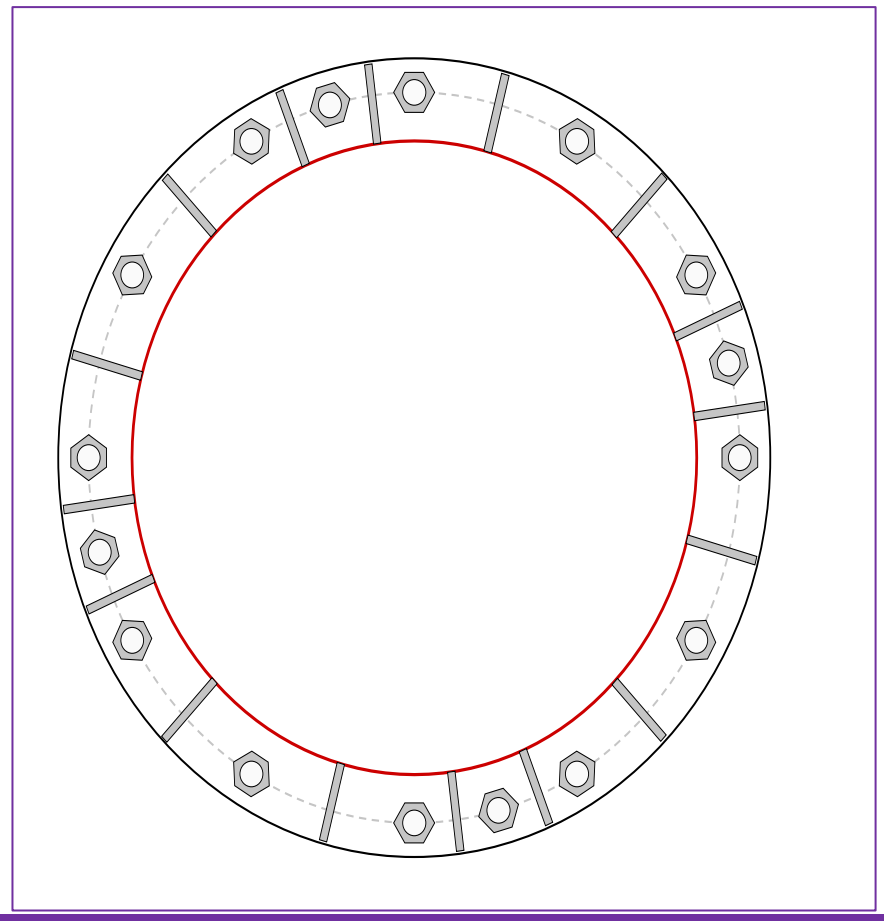
Monopole Base Plate Connection

Site Info	
BU #	876380
Site Name	O&G Woodbury
Order #	654606 Rev. 0

Analysis Considerations	
TIA-222 Revision	H
Grout Considered:	See Custom Sheet
l_{ar} (in)	See Custom Sheet

Applied Loads	
Moment (kip-ft)	2401.52
Axial Force (kips)	46.96
Shear Force (kips)	22.89

**TIA-222-H Section 15.5 Applied*



Connection Properties

Anchor Rod Data

GROUP 1: (12) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 64" BC
GROUP 2: (4) 2-1/4" ø bolts (F1554-105 N; Fy=105 ksi, Fu=125 ksi) on 64" BC

Base Plate Data

70" OD x 1.5" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

(16) 15"H x 7"W x 0.75"T, Notch: 0.75"
plate: Fy= 65 ksi ; weld: Fy= 80 ksi
horiz. weld: 0.375" groove, 45° dbl bevel, 0.25" fillet
vert. weld: 0.25" fillet

Pole Data

55.5" x 0.3125" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

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

GROUP 1:		
Pu_t = 109.58	ϕPn_t = 243.75	**Stress Rating**
Vu = 1.43	ϕVn = 149.1	**42.8%**
Mu = n/a	ϕMn = n/a	**Pass**
GROUP 2:		
Pu_t = 109.58	ϕPn_t = 304.69	**Stress Rating**
Vu = 1.43	ϕVn = 186.38	**34.3%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	33.02	(Roark's Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**58.2%**	**Pass**

Stiffener Summary

Horizontal Weld:	**28.6%**	**Pass**
Vertical Weld:	**48.6%**	**Pass**
Plate Flexure+Shear:	**11.4%**	**Pass**
Plate Tension+Shear:	**28.2%**	**Pass**
Plate Compression:	**37.6%**	**Pass**

Pole Summary

Punching Shear:	**15.0%**	**Pass**

CCIplate

Elevation (ft)	0	*(Base)*

note: Bending interaction not considered when Grout Considered = "Yes"

Bolt Group	Resist Axial	Resist Shear	Induce Plate Bending	Grout Considered	Apply at BARB Elevation	BARB CL Elevation (ft)
1	Yes	Yes	Yes	No	No	
2	Yes	Yes	Yes	No	No	

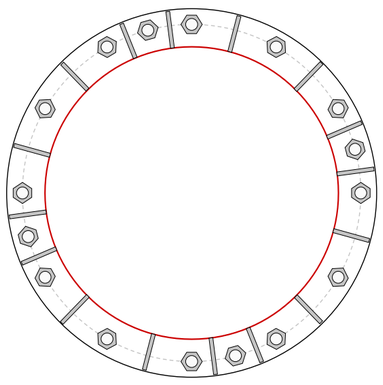
Custom Bolt Connection

Bolt	Bolt Group ID	Location (deg.)	Diameter (in)	Material	Bolt Circle (in)	Eta Factor, η:	l_{ar} (in):	Thread Type	Area Override, in^2	Tension Only
1	1	0	2.25	A615-75	64	0.5	1.125	N-Included		No
2	1	30	2.25	A615-75	64	0.5	1.125	N-Included		No
3	1	60	2.25	A615-75	64	0.5	1.125	N-Included		No
4	1	90	2.25	A615-75	64	0.5	1.125	N-Included		No
5	1	120	2.25	A615-75	64	0.5	1.125	N-Included		No
6	1	150	2.25	A615-75	64	0.5	1.125	N-Included		No
7	1	180	2.25	A615-75	64	0.5	1.125	N-Included		No
8	1	210	2.25	A615-75	64	0.5	1.125	N-Included		No
9	1	240	2.25	A615-75	64	0.5	1.125	N-Included		No
10	1	270	2.25	A615-75	64	0.5	1.125	N-Included		No
11	1	300	2.25	A615-75	64	0.5	1.125	N-Included		No
12	1	330	2.25	A615-75	64	0.5	1.125	N-Included		No
13	2	15	2.25	F1554-105	64	0.5	1.125	N-Included		No
14	2	105	2.25	F1554-105	64	0.5	1.125	N-Included		No
15	2	195	2.25	F1554-105	64	0.5	1.125	N-Included		No
16	2	285	2.25	F1554-105	64	0.5	1.125	N-Included		No

Custom Stiffener Connection

Stiffener	Stiffener Group ID	Location (deg.)	Width (in)	Height (in)	Thickness (in)	H. Notch (in)	V. Notch (in)	Grade (ksi)	Weld Type	Groove Depth (in)	Groove Angle (deg.)	H. Fillet Weld Size (in)	V. Fillet Weld Size (in)	Weld Strength (ksi)
1	1	7.5	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
2	1	45	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
3	1	75	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
4	1	112.5	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
5	1	135	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
6	1	165	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
7	1	202.5	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
8	1	225	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
9	1	255	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
10	1	292.5	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
11	1	315	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
12	1	345	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
13	1	22.5	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
14	1	97.5	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
15	1	187.5	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80
16	1	277.5	7	15	0.75	0.75	0.75	65	Both	0.375	45	0.25	0.25	80

Plot Graphic



Pier and Pad Foundation

BU # :	876380
Site Name:	O&G Woodbury
App. Number:	25627.923029

TIA-222 Revision:	H
Tower Type:	Monopole

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

Superstructure Analysis Reactions

Compression, P_{comp}:	46.98	kips
Base Shear, Vu_comp:	22.86	kips
Moment, M_u:	2401.52	ft-kips
Tower Height, **H**:	138.5	ft
BP Dist. Above Fdn, bp_{dist}:	1.125	in

Foundation Analysis Checks

	Capacity	Demand	Rating*	Check
Lateral (Sliding) (kips)	261.07	22.86	**8.3%**	**Pass**
Bearing Pressure (ksf)	9.00	2.10	**23.4%**	**Pass**
*Overturning (kip*ft)*	5261.42	2575.11	**48.9%**	**Pass**
*Pier Flexure (Comp.) (kip*ft)*	5888.03	2504.39	**40.5%**	**Pass**
Pier Compression (kip)	31187.52	86.67	**0.3%**	**Pass**
*Pad Flexure (kip*ft)*	4020.44	830.25	**19.7%**	**Pass**
Pad Shear - 1-way (kips)	824.79	139.13	**16.1%**	**Pass**
Pad Shear - 2-way (Comp) (ksi)	0.190	0.026	**13.2%**	**Pass**
*Flexural 2-way (Comp) (kip*ft)*	4364.46	1502.63	**32.8%**	**Pass**

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

Structural Rating*:	**40.5%**
Soil Rating*:	**48.9%**

Pier Properties

Pier Shape:	Square	
Pier Diameter, **dpier**:	7	ft
Ext. Above Grade, **E**:	1	ft
Pier Rebar Size, **Sc**:	8	
Pier Rebar Quantity, **mc**:	46	
Pier Tie/Spiral Size, **St**:	4	
Pier Tie/Spiral Quantity, **mt**:	5	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier}:	3	in

Pad Properties

Depth, **D**:	6.5	ft
Pad Width, W_1:	23	ft
Pad Thickness, **T**:	3	ft
Pad Rebar Size (Top dir.2), Sp_{top2}:	8	
Pad Rebar Quantity (Top dir. 2), mp_{top2}:	21	
Pad Rebar Size (Bottom dir. 2), Sp_2:	8	
Pad Rebar Quantity (Bottom dir. 2), mp_2:	37	
Pad Clear Cover, cc_{pad}:	3	in

Material Properties

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

Soil Properties

Total Soil Unit Weight, γ:	125	pcf
Ultimate Gross Bearing, Qult:	12.000	ksf
Cohesion, **Cu**:	0.000	ksf
Friction Angle, φ:	34	degrees
SPT Blow Count, N_{blows}:		
Base Friction, μ:		
Neglected Depth, **N**:	3.50	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, **gw**:	N/A	ft

<--Toggle between Gross and Net

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10206824
Colliers Engineering & Design CT, P.C. Project #: 23777126

July 10, 2023

Site Information	*Site ID:*	*5000244642-VZW / WOODBURY S CT*
	Site Name:	*WOODBURY S CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*202 Great Hill Road* *Woodbury, Connecticut 06798* *Litchfield County*
	Latitude:	*41.522006°*
	Longitude:	*-73.220736°*
Structure Information	*Tower Type:*	*140-Ft Monopole*
	Mount Type:	*14.00-Ft Platform*

FUZE ID # 17123977

Analysis Results

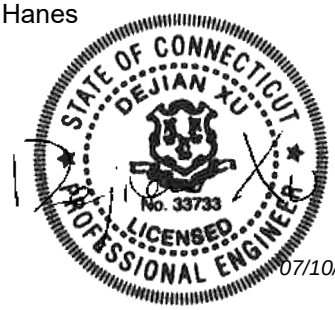
Platform: **78.5% Pass***

***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: Andy Hanes



07/10/2023

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: 325195, dated February 11, 2021*
Desktop Mount Mapping Form	*Colliers Engineering & Design, Project #: 21777422, dated June 14 2021*
Previous Mount Analysis	*Maser Consulting Connecticut, Project #: 21777422A, dated June 28, 2021*
PMI Report	*Maser Consulting Connecticut, Project #: 21777422A, dated February 24, 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:	0.979
Seismic Parameters:	S_S:	0.194 g
	S_1:	0.054 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
130.00	130.00	6	Quintel	QS6656-5D	Retained
		3	Samsung	MT6407-77A	
		1	RFS	DB-C1-12C-24AB-0Z	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Andrew	LNX-8513DS-A1M	
		6	KAelus	BSF0020F3V1-1	Added

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

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Connection Check	78.5 %	Pass
Face Horizontal	15.1 %	Pass
Standoff Horizontal	35.1 %	Pass
Platform Crossmember	17.5 %	Pass
Corner Plate	13.1 %	Pass
Grating Support	14.4 %	Pass
Cross Arm Plate	38.9 %	Pass
Mount Pipe	42.6 %	Pass
MOD Support Rail	12.0 %	Pass
MOD Corner Bracket	11.5 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**78.5%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	25.4	25.4	39.1	39.1
0.5	33.0	33.0	52.4	52.4
1	40.1	40.1	65.3	65.3

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.

N/A

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. Desktop Mount Mapping Form
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 #: 5000244642 SMART Project #: 10206824 Fuze Project ID: 17123977

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:

N/A

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:	

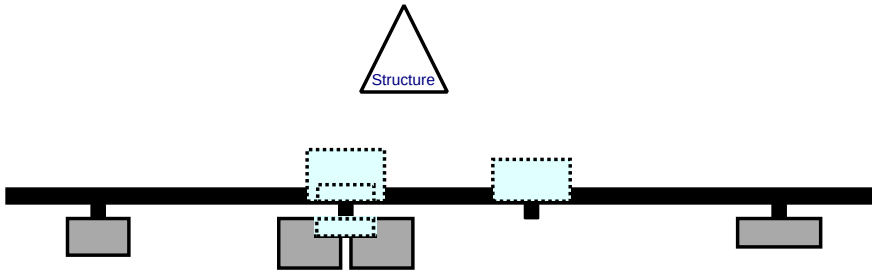
Structure: 5000244642-VZW - WOODBURY S CT

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

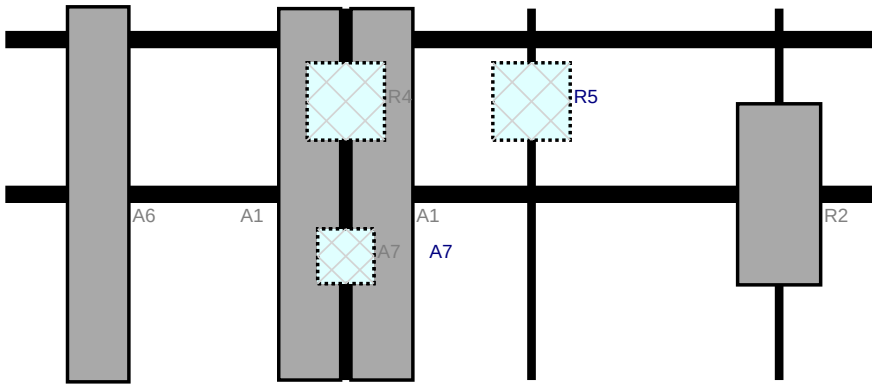
Structure Type: Monopole 10206824

Mount Elev: 130.00 Page: 1

Plan View



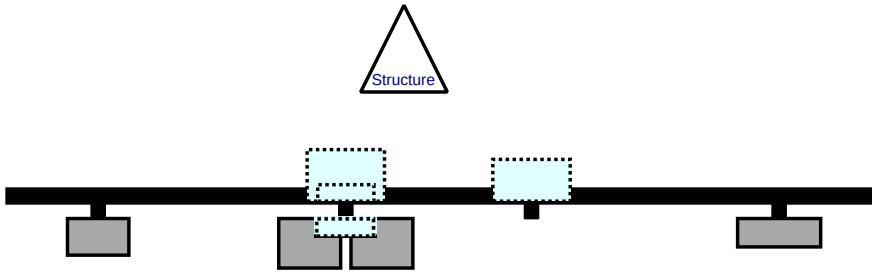
Front View - Looking at Structure



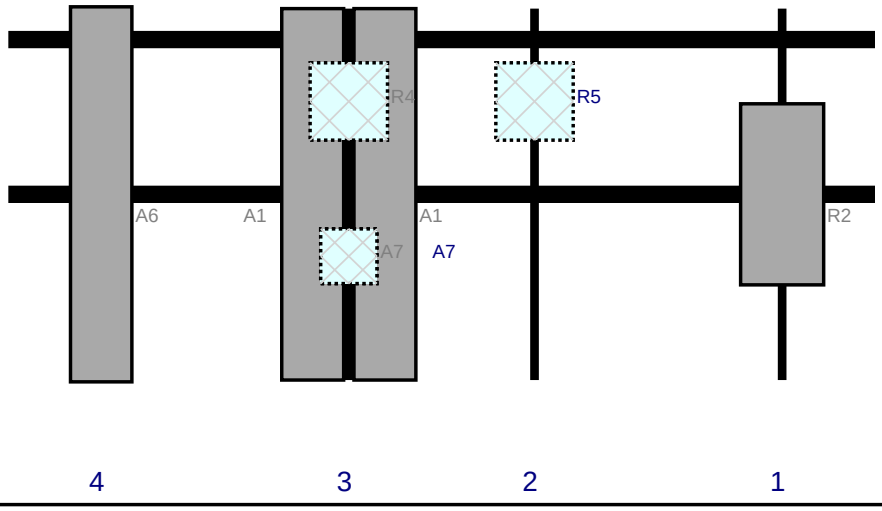
4 3 2 1

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R2	MT6407-77A	35.1	16.1	150	1	a	Front	36	0	Retained	02/15/2022
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	102	2	a	Behind	18	0	Retained	02/15/2022
A1	QS6656-5D	72	12	66	3	a	Front	36	-7	Retained	02/15/2022
A1	QS6656-5D	72	12	66	3	b	Front	36	7	Retained	02/15/2022
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	66	3	a	Behind	18	0	Retained	02/15/2022
A7	BSF0020F3V1-1	10.6	10.9	66	3	a	Behind	48	0	Added	
A7	BSF0020F3V1-1	10.6	10.9	66	3	b	Front	48	0	Added	
A6	LNX-8513DS-A1M	72.7	11.9	18	4	a	Front	36	0	Retained	02/15/2022
OVP1	DB-C1-12C-24AB-0Z	29.5	16.5		Member					Retained	02/15/2022

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
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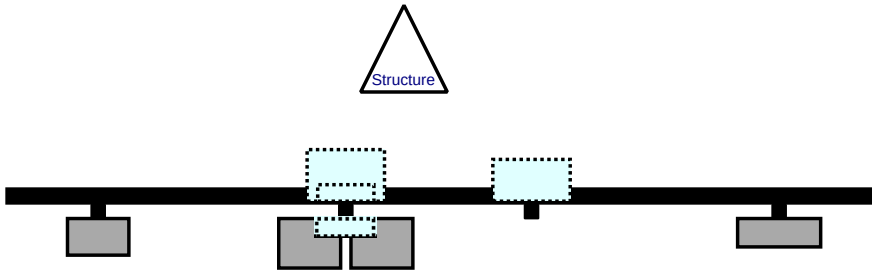
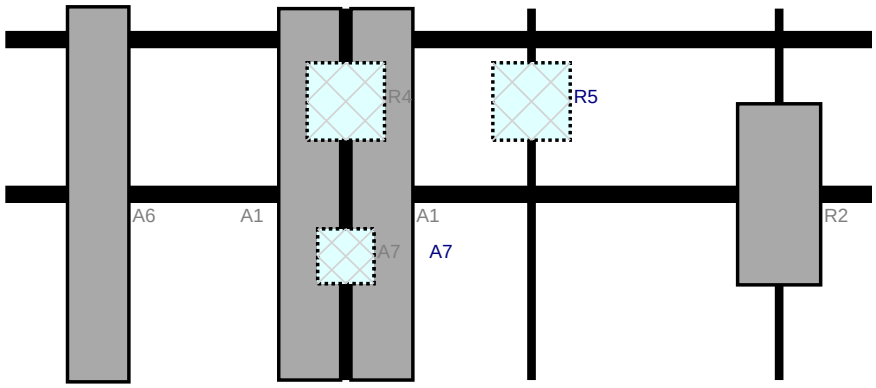
A1	QS6656-5D	72	12	66	3	b	Front	36	-7	Retained	02/15/2022
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	66	3	a	Behind	18	0	Retained	02/15/2022
A7	BSF0020F3V1-1	10.6	10.9	66	3	a	Behind	48	0	Added	
A7	BSF0020F3V1-1	10.6	10.9	66	3	b	Front	48	0	Added	
A6	LNX-8513DS-A1M	72.7	11.9	18	4	a	Front	36	0	Retained	02/15/2022

Plan View

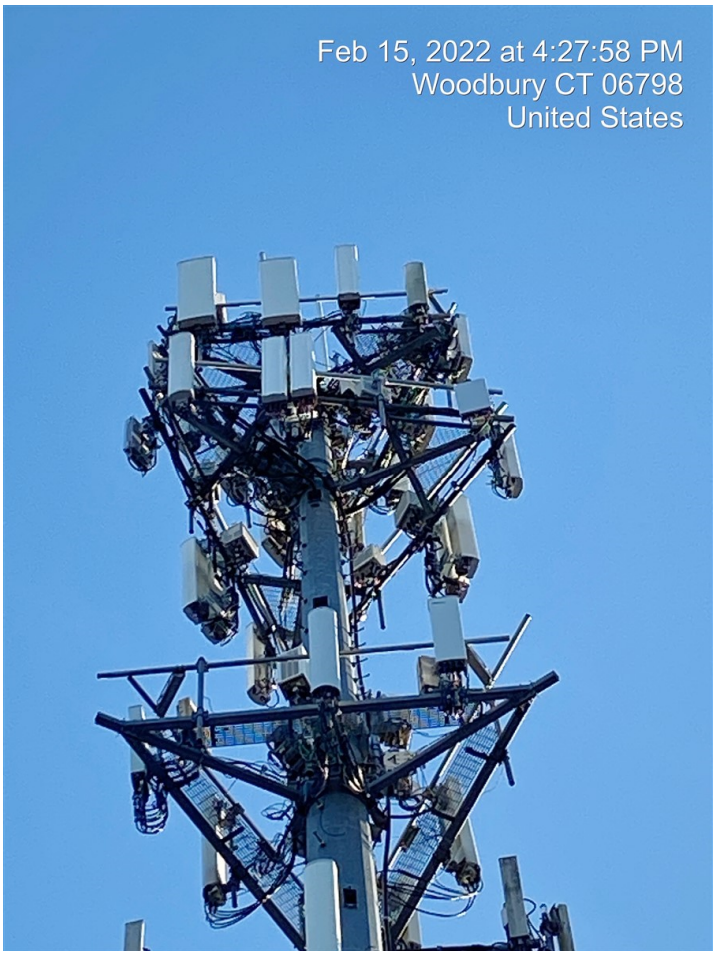


Front View - Looking at Structure



4 3 2 1

Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R2	MT6407-77A	35.1	16.1	150	1	a	Front	36	0	Retained	02/15/2022
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	102	2	a	Behind	18	0	Retained	02/15/2022
A1	QS6656-5D	72	12	66	3	a	Front	36	7	Retained	02/15/2022
A1	QS6656-5D	72	12	66	3	b	Front	36	-7	Retained	02/15/2022
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	66	3	a	Behind	18	0	Retained	02/15/2022
A7	BSF0020F3V1-1	10.6	10.9	66	3	a	Behind	48	0	Added	
A7	BSF0020F3V1-1	10.6	10.9	66	3	b	Front	48	0	Added	
A6	LNX-8513DS-A1M	72.7	11.9	18	4	a	Front	36	0	Retained	02/15/2022


Feb 15, 2022 at 4:27:58 PM
Woodbury CT 06798
United States


Feb 15, 2022 at 3:38:56 PM
Woodbury CT 06798
United States

Colliers Engineering & Design

Desktop Mount Mapping Form

Site Name:	Woodbury S CT	**Tower Type:**	Monopole
Site ID:	467570	**Tower Owner:**	
FUZE Project ID:	16272072	**Tower Height (Ft.):**	140
Customer:	Verizon Wireless	**Mount Elevation (Ft.):**	130
Colliers Project No.	21777422	**Date:**	6/14/2021

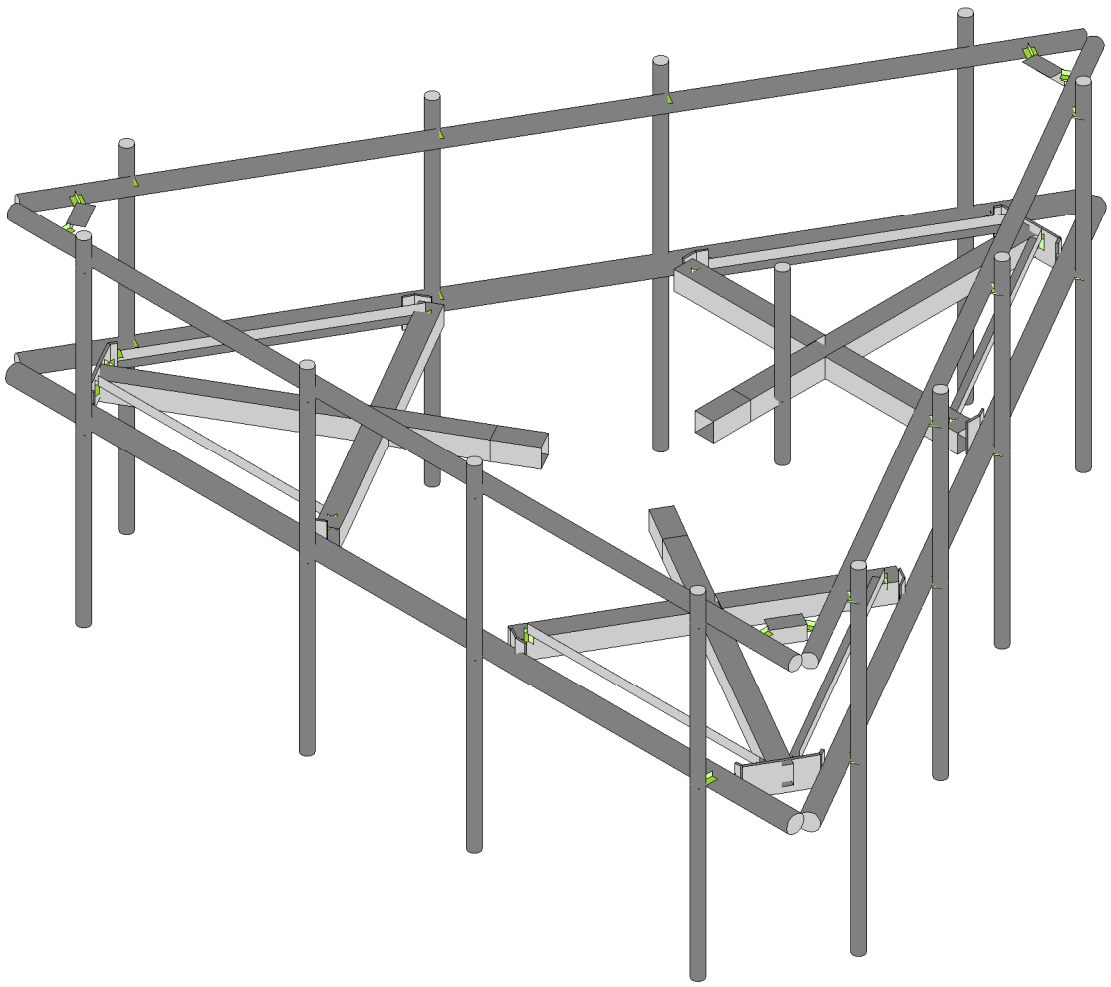
Document Type	Provided? (Yes/No)	Source Name	Project No.	Dated	Comments/Remarks
Previous Mount Mapping	No				
Previous Mapping Photos	No				
Previous Mount Analysis	No				
Previous Mount Modifications	No				
Previous Structural Analysis	No				
Construction Drawings	No				
Closeout Package	No				
Closeout Photos	Yes	Woodbury CT Photos		10/20/2015	SitePro1 Platform
Handover Package	No				
New Build 445 Documentation	No				
Other	No				
Previous PMI	No				

The desktop mount mapping is based on the engineering review of the available site documents in FUZE, as listed above, in place of a full mount mapping. It is assumed that the information provided in the documents listed above, provide an accurate representation of the existing mount. EOR reserves the right and will typically require additional clarification and verification as will be included in the PMI requirements. During the Post Modification Inspection (PMI) process, the GC on site will be required to confirm all questions, confirmations, and validations as posed by the EOR. The engineering review for this desktop mount mapping was performed in accordance to the ANSI/TIA-222-H requirements and Verizon's NSTD446 standard.

Photo taken from: Closeout Package

SAFETY CLIMB PHOTO

Photo taken from: Closeout Package



Envelope Only Solution

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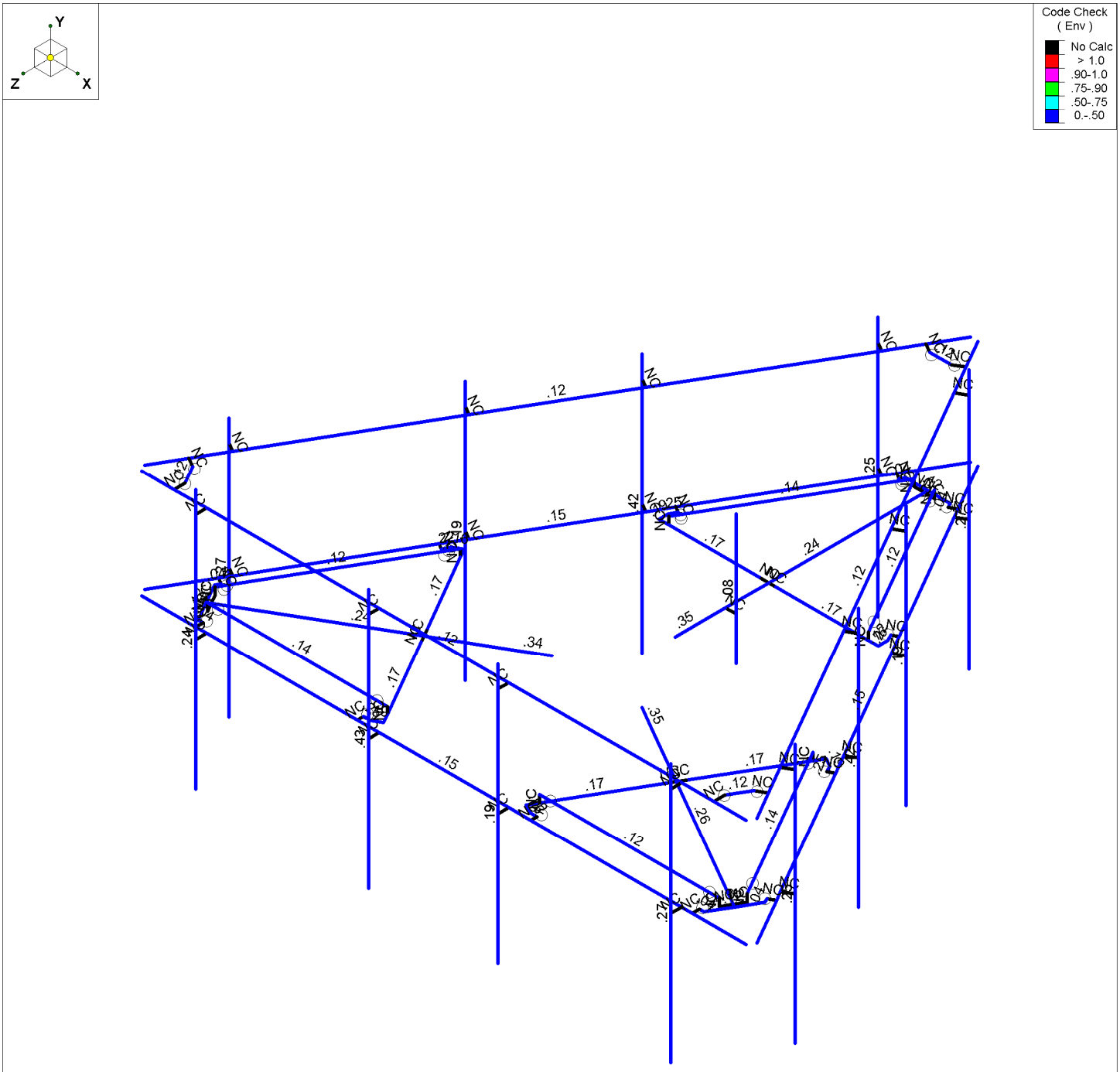
		July 10, 2023 at 9:33 AM
		5000244642-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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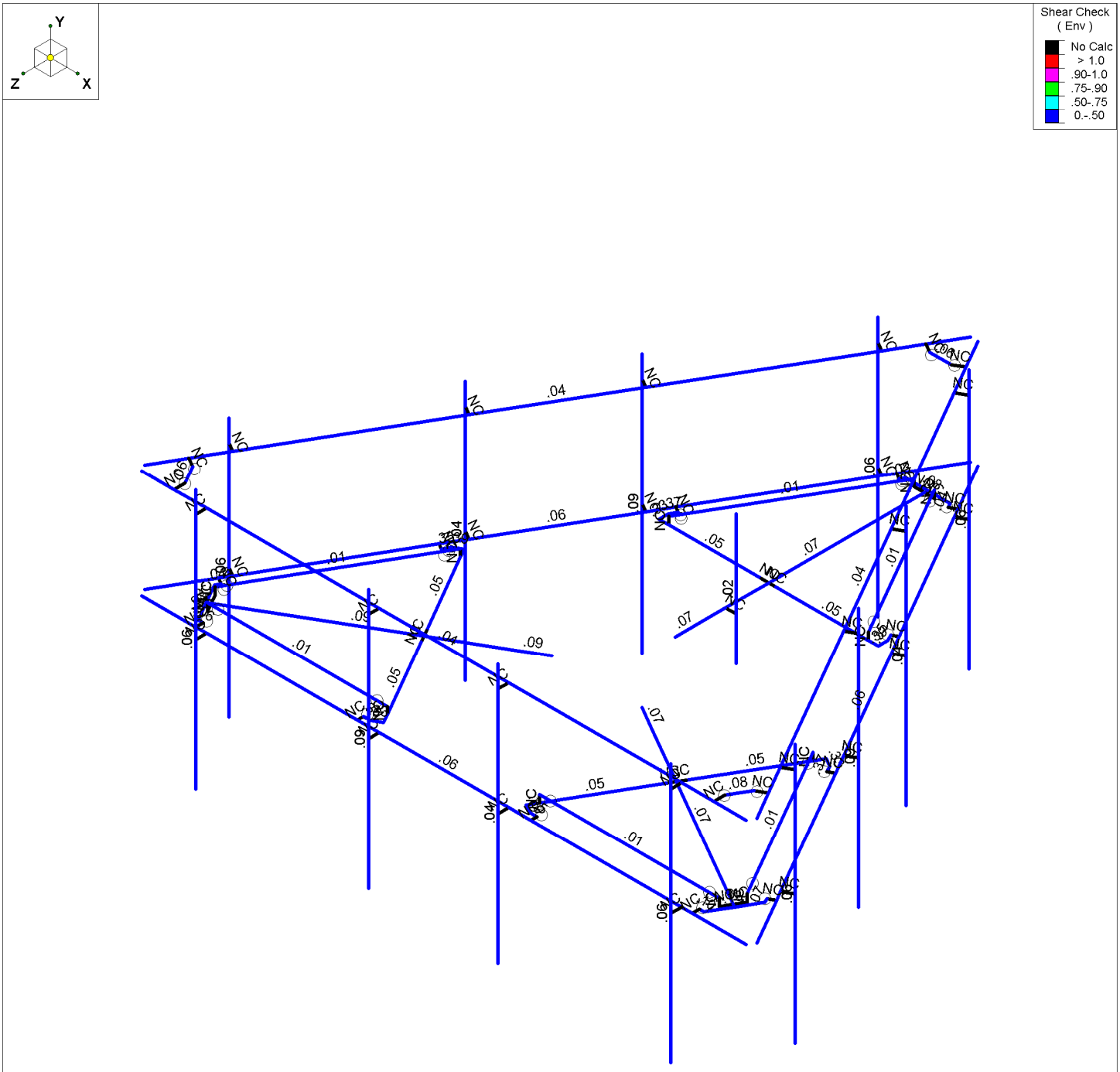

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

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		July 10, 2023 at 9:33 AM
		5000244642-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					111			
2	Antenna Di	None					111			
3	Antenna Wo (0 Deg)	None					111			
4	Antenna Wo (30 Deg)	None					111			
5	Antenna Wo (60 Deg)	None					111			
6	Antenna Wo (90 Deg)	None					111			
7	Antenna Wo (120 Deg)	None					111			
8	Antenna Wo (150 Deg)	None					111			
9	Antenna Wo (180 Deg)	None					111			
10	Antenna Wo (210 Deg)	None					111			
11	Antenna Wo (240 Deg)	None					111			
12	Antenna Wo (270 Deg)	None					111			
13	Antenna Wo (300 Deg)	None					111			
14	Antenna Wo (330 Deg)	None					111			
15	Antenna Wi (0 Deg)	None					111			
16	Antenna Wi (30 Deg)	None					111			
17	Antenna Wi (60 Deg)	None					111			
18	Antenna Wi (90 Deg)	None					111			
19	Antenna Wi (120 Deg)	None					111			
20	Antenna Wi (150 Deg)	None					111			
21	Antenna Wi (180 Deg)	None					111			
22	Antenna Wi (210 Deg)	None					111			
23	Antenna Wi (240 Deg)	None					111			
24	Antenna Wi (270 Deg)	None					111			
25	Antenna Wi (300 Deg)	None					111			
26	Antenna Wi (330 Deg)	None					111			
27	Antenna Wm (0 Deg)	None					111			
28	Antenna Wm (30 Deg)	None					111			
29	Antenna Wm (60 Deg)	None					111			
30	Antenna Wm (90 Deg)	None					111			
31	Antenna Wm (120 Deg)	None					111			
32	Antenna Wm (150 Deg)	None					111			
33	Antenna Wm (180 Deg)	None					111			
34	Antenna Wm (210 Deg)	None					111			
35	Antenna Wm (240 Deg)	None					111			
36	Antenna Wm (270 Deg)	None					111			
37	Antenna Wm (300 Deg)	None					111			
38	Antenna Wm (330 Deg)	None					111			
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					111			
82	Antenna Eh (0 Deg)	None					74			
83	Antenna Eh (90 Deg)	None					74			
84	Structure Ev	ELY		-.023					3	
85	Structure Eh (0 Deg)	ELZ			-.058				3	
86	Structure Eh (90 Deg)	ELX	.058						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	Sol...	P...	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 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										

Load Combinations (Continued)

	Description	Sol...	P...	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 (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 D...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 D...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 D...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 D...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 D...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 D...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 D...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 D...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 D...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 D...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 D...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 D...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 D...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 D...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 D...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 D...	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 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				

Load Combinations (Continued)

	Description	Sol...	P...	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 (240 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	E...	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N144A	7	0	4.143857	0	
2	N145	-7	0	4.143857	0	
3	N146	0	0	-1.875	0	
4	N147	-2.541667	0	-3.375	0	
5	N148A	2.315104	0.166667	-3.375	0	
6	N149	-2.315104	0.166667	-3.375	0	
7	N150	0	0	-3.375	0	
8	N151	0	0	-7.0625	0	
9	N152	2.315104	0	-3.375	0	
10	N153	-2.315104	0	-3.375	0	
11	N154	2.541667	0	-3.375	0	
12	N155	-0.166667	0	-3.375	0	
13	N156	0.166667	0	-3.375	0	
14	N157	-2.541667	0	-3.59375	0	
15	N158	2.541667	0	-3.59375	0	
16	N159	2.458333	0	-3.738088	0	
17	N160	0.571615	0	-6.965523	0	
18	N161	-2.458333	0	-3.738088	0	
19	N162	-0.571615	0	-6.965523	0	
20	N163	2.584629	0	-3.811004	0	
21	N164	-2.584629	0	-3.811004	0	
22	N165	-0.515625	0	-7.0625	0	
23	N166	0.515625	0	-7.0625	0	
24	N167	0.715429	0	-7.048554	0	
25	N168	-0.715429	0	-7.048554	0	
26	N169	0	0	-6.979167	0	
27	N170	0.234238	0.166667	-6.979167	0	
28	N171	0.234238	0	-6.979167	0	
29	N172	-0.234238	0.166667	-6.979167	0	
30	N173	-0.234238	0	-6.979167	0	
31	N174	0	0	0	0	
32	N175	0	0	-1.208333	0	
33	N176	-1.623798	0	0.9375	0	
34	N177	-1.652002	0	3.888648	0	
35	N178	-4.080388	0.166667	-0.317439	0	
36	N179	-1.765284	0.166667	3.692439	0	
37	N180	-2.922836	0	1.6875	0	
38	N181	-6.116304	0	3.53125	0	
39	N182	-4.080388	0	-0.317439	0	
40	N183	-1.765284	0	3.692439	0	
41	N184	-4.193669	0	-0.513648	0	
42	N185	-2.839502	0	1.831838	0	
43	N186	-3.006169	0	1.543162	0	
44	N187	-1.841445	0	3.998023	0	
45	N188	-4.383112	0	-0.404273	0	
46	N189	-4.466445	0	-0.259935	0	
47	N190	-6.318127	0	2.987729	0	
48	N191	-2.008112	0	3.998023	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N192	-5.746513	0	3.977794	0	
50	N193	-4.592741	0	-0.332852	0	
51	N194	-2.008112	0	4.143857	0	
52	N195	-5.858492	0	3.977794	0	
53	N196	-6.374117	0	3.084706	0	
54	N197	-6.461941	0	2.904698	0	
55	N198	-5.746513	0	4.143857	0	
56	N199	-6.044136	0	3.489583	0	
57	N200	-6.161254	0.166667	3.286728	0	
58	N201	-6.161254	0	3.286728	0	
59	N202	-5.927017	0.166667	3.692439	0	
60	N203	-5.927017	0	3.692439	0	
61	N204	-1.046447	0	0.604167	0	
62	N205	1.623798	0	0.9375	0	
63	N206	4.193669	0	-0.513648	0	
64	N207	1.765284	0.166667	3.692439	0	
65	N208	4.080388	0.166667	-0.317439	0	
66	N209	2.922836	0	1.6875	0	
67	N210	6.116304	0	3.53125	0	
68	N211	1.765284	0	3.692439	0	
69	N212	4.080388	0	-0.317439	0	
70	N213	1.652002	0	3.888648	0	
71	N214	3.006169	0	1.543162	0	
72	N215	2.839502	0	1.831838	0	
73	N216	4.383112	0	-0.404273	0	
74	N217	1.841445	0	3.998023	0	
75	N218	2.008112	0	3.998023	0	
76	N219	5.746513	0	3.977794	0	
77	N220	4.466445	0	-0.259935	0	
78	N221	6.318127	0	2.987729	0	
79	N222	2.008112	0	4.143857	0	
80	N223	4.592741	0	-0.332852	0	
81	N224	6.374117	0	3.084706	0	
82	N225	5.858492	0	3.977794	0	
83	N226	5.746513	0	4.143857	0	
84	N227	6.461941	0	2.904698	0	
85	N228	6.044136	0	3.489583	0	
86	N229	5.927017	0.166667	3.692439	0	
87	N230	5.927017	0	3.692439	0	
88	N231	6.161254	0.166667	3.286728	0	
89	N232	6.161254	0	3.286728	0	
90	N233	1.046447	0	0.604167	0	
91	N234	0.088685	0	-8.134106	0	
92	N235	7.088685	0	3.99025	0	
93	N236	-7.088685	0	3.99025	0	
94	N237	-0.088685	0	-8.134106	0	
95	N238	1.5	0	4.143857	0	
96	N239	-1.5	0	4.143857	0	
97	N240	5.5	0	4.143857	0	
98	N241	-5.5	0	4.143857	0	
99	N242	1.5	0	4.393857	0	
100	N243	-1.5	0	4.393857	0	
101	N244	5.5	0	4.393857	0	
102	N245	-5.5	0	4.393857	0	
103	N246	-5.5	3	4.393857	0	
104	N247	-1.5	3	4.393857	0	
105	N248	5.5	3	4.393857	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N249	1.5	3	4.393857	0	
107	N250	-5.5	-3	4.393857	0	
108	N251	-1.5	-3	4.393857	0	
109	N252	5.5	-3	4.393857	0	
110	N253	1.5	-3	4.393857	0	
111	N254	6.338685	0	2.691211	0	
112	N255	4.338685	0	-0.77289	0	
113	N256	0.838685	0	-6.835068	0	
114	N257	2.838685	0	-3.370966	0	
115	N258	6.555191	0	2.566211	0	
116	N259	4.555191	0	-0.89789	0	
117	N260	1.055191	0	-6.960068	0	
118	N261	3.055191	0	-3.495966	0	
119	N262	6.555191	3	2.566211	0	
120	N263	4.555191	3	-0.89789	0	
121	N264	1.055191	3	-6.960068	0	
122	N265	3.055191	3	-3.495966	0	
123	N266	6.555191	-3	2.566211	0	
124	N267	4.555191	-3	-0.89789	0	
125	N268	1.055191	-3	-6.960068	0	
126	N269	3.055191	-3	-3.495966	0	
127	N270	-0.838685	0	-6.835068	0	
128	N271	-2.838685	0	-3.370966	0	
129	N272	-6.338685	0	2.691211	0	
130	N273	-4.338685	0	-0.77289	0	
131	N274	-1.055191	0	-6.960068	0	
132	N275	-3.055191	0	-3.495966	0	
133	N276	-6.555191	0	2.566211	0	
134	N277	-4.555191	0	-0.89789	0	
135	N278	-1.055191	3	-6.960068	0	
136	N279	-3.055191	3	-3.495966	0	
137	N280	-6.555191	3	2.566211	0	
138	N281	-4.555191	3	-0.89789	0	
139	N282	-1.055191	-3	-6.960068	0	
140	N283	-3.055191	-3	-3.495966	0	
141	N284	-6.555191	-3	2.566211	0	
142	N285	-4.555191	-3	-0.89789	0	
143	N143	0	0	-2.375	0	
144	N144	.25	0	-2.375	0	
145	N145A	.25	2	-2.375	0	
146	N146A	.25	-1	-2.375	0	
147	N147A	7	2.5	4.143857	0	
148	N148	-7	2.5	4.143857	0	
149	N149A	-5.5	2.5	4.143857	0	
150	N150A	-1.5	2.5	4.143857	0	
151	N151A	5.5	2.5	4.143857	0	
152	N152A	1.5	2.5	4.143857	0	
153	N153A	-5.5	2.5	4.393857	0	
154	N154A	-1.5	2.5	4.393857	0	
155	N155A	5.5	2.5	4.393857	0	
156	N156A	1.5	2.5	4.393857	0	
157	N157A	-6.25	2.5	4.143857	0	
158	N158A	6.25	2.5	4.143857	0	
159	N159A	-6.25	2.5	3.893857	0	
160	N160A	6.25	2.5	3.893857	0	
161	N161A	0.088685	2.5	-8.134106	0	
162	N162A	7.088685	2.5	3.99025	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N163A	6.338685	2.5	2.691211	0	
164	N164A	4.338685	2.5	-0.77289	0	
165	N165A	0.838685	2.5	-6.835068	0	
166	N166A	2.838685	2.5	-3.370966	0	
167	N167A	6.555191	2.5	2.566211	0	
168	N168A	4.555191	2.5	-0.89789	0	
169	N169A	1.055191	2.5	-6.960068	0	
170	N170A	3.055191	2.5	-3.495966	0	
171	N171A	6.713685	2.5	3.34073	0	
172	N172A	0.463685	2.5	-7.484587	0	
173	N173A	6.497179	2.5	3.46573	0	
174	N174A	0.247179	2.5	-7.359587	0	
175	N175A	-7.088685	2.5	3.99025	0	
176	N176A	-0.088685	2.5	-8.134106	0	
177	N177A	-0.838685	2.5	-6.835068	0	
178	N178A	-2.838685	2.5	-3.370966	0	
179	N179A	-6.338685	2.5	2.691211	0	
180	N180A	-4.338685	2.5	-0.77289	0	
181	N181A	-1.055191	2.5	-6.960068	0	
182	N182A	-3.055191	2.5	-3.495966	0	
183	N183A	-6.555191	2.5	2.566211	0	
184	N184A	-4.555191	2.5	-0.89789	0	
185	N185A	-0.463685	2.5	-7.484587	0	
186	N186A	-6.713685	2.5	3.34073	0	
187	N187A	-0.247179	2.5	-7.359587	0	
188	N188A	-6.497179	2.5	3.46573	0	

Hot Rolled Steel Section Sets

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

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
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	M100	N144A	N145			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M101	N146	N151			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M102	N154	N156			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M103	N155	N147			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
5	M104	N165	N166			Corner Plate	Beam	BAR	A36 Gr.36	Typical
6	M105	N149	N153			RIGID	None	None	RIGID	Typical
7	M106	N148A	N152			RIGID	None	None	RIGID	Typical
8	M107	N170	N148A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M108	N149	N172			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
10	M109	N172	N173			RIGID	None	None	RIGID	Typical
11	M110	N155	N150			RIGID	None	None	RIGID	Typical
12	M111	N150	N156			RIGID	None	None	RIGID	Typical
13	M112	N154	N158			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M113	N158	N159			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
15	M114	N159	N163			RIGID	None	None	RIGID	Typical
16	M115	N166	N160			Corner Plate	Beam	BAR	A36 Gr.36	Typical
17	M116	N160	N167			RIGID	None	None	RIGID	Typical
18	M117	N147	N157			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M118	N157	N161			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M119	N161	N164			RIGID	None	None	RIGID	Typical
21	M120	N165	N162			Corner Plate	Beam	BAR	A36 Gr.36	Typical
22	M121	N162	N168			RIGID	None	None	RIGID	Typical
23	M122	N173	N169			RIGID	None	None	RIGID	Typical
24	M123	N169	N171			RIGID	None	None	RIGID	Typical
25	M124	N170	N171			RIGID	None	None	RIGID	Typical
26	M125	N175	N146			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
27	M126	N176	N181			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
28	M127	N184	N186			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
29	M128	N185	N177			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
30	M129	N195	N196			Corner Plate	Beam	BAR	A36 Gr.36	Typical
31	M130	N179	N183			RIGID	None	None	RIGID	Typical
32	M131	N178	N182			RIGID	None	None	RIGID	Typical
33	M132	N200	N178			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
34	M133	N179	N202			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
35	M134	N202	N203			RIGID	None	None	RIGID	Typical
36	M135	N185	N180			RIGID	None	None	RIGID	Typical
37	M136	N180	N186			RIGID	None	None	RIGID	Typical
38	M137	N184	N188			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
39	M138	N188	N189			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
40	M139	N189	N193			RIGID	None	None	RIGID	Typical
41	M140	N196	N190			Corner Plate	Beam	BAR	A36 Gr.36	Typical
42	M141	N190	N197			RIGID	None	None	RIGID	Typical
43	M142	N177	N187			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
44	M143	N187	N191			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M144	N191	N194			RIGID	None	None	RIGID	Typical
46	M145	N195	N192			Corner Plate	Beam	BAR	A36 Gr.36	Typical
47	M146	N192	N198			RIGID	None	None	RIGID	Typical
48	M147	N203	N199			RIGID	None	None	RIGID	Typical
49	M148	N199	N201			RIGID	None	None	RIGID	Typical
50	M149	N200	N201			RIGID	None	None	RIGID	Typical
51	M150	N204	N176			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
52	M151	N205	N210			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
53	M152	N213	N215			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
54	M153	N214	N206			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
55	M154	N224	N225			Corner Plate	Beam	BAR	A36 Gr.36	Typical
56	M155	N208	N212			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
57	M156	N207	N211			RIGID	None	None	RIGID	Typical
58	M157	N229	N207			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
59	M158	N208	N231			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
60	M159	N231	N232			RIGID	None	None	RIGID	Typical
61	M160	N214	N209			RIGID	None	None	RIGID	Typical
62	M161	N209	N215			RIGID	None	None	RIGID	Typical
63	M162	N213	N217			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
64	M163	N217	N218			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
65	M164	N218	N222			RIGID	None	None	RIGID	Typical
66	M165	N225	N219			Corner Plate	Beam	BAR	A36 Gr.36	Typical
67	M166	N219	N226			RIGID	None	None	RIGID	Typical
68	M167	N206	N216			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
69	M168	N216	N220			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M169	N220	N223			RIGID	None	None	RIGID	Typical
71	M170	N224	N221			Corner Plate	Beam	BAR	A36 Gr.36	Typical
72	M171	N221	N227			RIGID	None	None	RIGID	Typical
73	M172	N232	N228			RIGID	None	None	RIGID	Typical
74	M173	N228	N230			RIGID	None	None	RIGID	Typical
75	M174	N229	N230			RIGID	None	None	RIGID	Typical
76	M175	N233	N205			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
77	M176	N234	N235			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
78	M177	N236	N237			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
79	MP1A	N248	N252			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
80	MP2A	N249	N253			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
81	MP3A	N247	N251			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
82	MP4A	N246	N250			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	M182	N240	N244			RIGID	None	None	RIGID	Typical
84	M183	N241	N245			RIGID	None	None	RIGID	Typical
85	M184	N239	N243			RIGID	None	None	RIGID	Typical
86	M185	N238	N242			RIGID	None	None	RIGID	Typical
87	MP1C	N264	N268			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP2C	N265	N269			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP3C	N263	N267			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP4C	N262	N266			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M190	N256	N260			RIGID	None	None	RIGID	Typical
92	M191	N257	N261			RIGID	None	None	RIGID	Typical
93	M192	N255	N259			RIGID	None	None	RIGID	Typical
94	M193	N254	N258			RIGID	None	None	RIGID	Typical
95	MP1B	N280	N284			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	MP2B	N281	N285			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP3B	N279	N283			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP4B	N278	N282			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	M198	N272	N276			RIGID	None	None	RIGID	Typical
100	M199	N273	N277			RIGID	None	None	RIGID	Typical
101	M200	N271	N275			RIGID	None	None	RIGID	Typical
102	M201	N270	N274			RIGID	None	None	RIGID	Typical
103	M103A	N143	N144			RIGID	None	None	RIGID	Typical
104	OVP1	N145A	N146A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
105	M105A	N147A	N148			MOD Support ...	Column	RECT	A53 Gr.B	Typical
106	M106A	N151A	N155A			RIGID	None	None	RIGID	Typical
107	M107A	N152A	N156A			RIGID	None	None	RIGID	Typical
108	M108A	N150A	N154A			RIGID	None	None	RIGID	Typical
109	M109A	N149A	N153A			RIGID	None	None	RIGID	Typical
110	M110A	N159A	N157A			RIGID	None	None	RIGID	Typical
111	M111A	N160A	N158A			RIGID	None	None	RIGID	Typical
112	M112A	N161A	N162A			MOD Support ...	Column	RECT	A53 Gr.B	Typical
113	M113A	N165A	N169A			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
114	M114A	N166A	N170A			RIGID	None	None	RIGID	Typical
115	M115A	N164A	N168A			RIGID	None	None	RIGID	Typical
116	M116A	N163A	N167A			RIGID	None	None	RIGID	Typical
117	M117A	N173A	N171A			RIGID	None	None	RIGID	Typical
118	M118A	N174A	N172A			RIGID	None	None	RIGID	Typical
119	M119A	N175A	N176A			MOD Support ...	Column	RECT	A53 Gr.B	Typical
120	M120A	N179A	N183A			RIGID	None	None	RIGID	Typical
121	M121A	N180A	N184A			RIGID	None	None	RIGID	Typical
122	M122A	N178A	N182A			RIGID	None	None	RIGID	Typical
123	M123A	N177A	N181A			RIGID	None	None	RIGID	Typical
124	M124A	N187A	N185A			RIGID	None	None	RIGID	Typical
125	M125A	N188A	N186A			RIGID	None	None	RIGID	Typical
126	M126A	N188A	N159A		180	MOD Corner B...	Column	RECT	A36 Gr.36	Typical
127	M127A	N160A	N173A		180	MOD Corner B...	Column	RECT	A36 Gr.36	Typical
128	M128A	N174A	N187A		180	MOD Corner B...	Column	RECT	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M100						Yes	Default			None
2	M101						Yes				None
3	M102						Yes	Default			None
4	M103						Yes	Default			None
5	M104						Yes	Default			None
6	M105						Yes	** NA **			None
7	M106						Yes	** NA **			None
8	M107	OOOOOX	OOOOOX				Yes	Default			None
9	M108	OOOOOX	OOOOOX				Yes	Default			None
10	M109						Yes	** NA **			None
11	M110						Yes	** NA **			None
12	M111						Yes	** NA **			None
13	M112						Yes	** NA **			None
14	M113						Yes	** NA **			None
15	M114		BenPIN				Yes	** NA **			None
16	M115						Yes				None
17	M116		BenPIN				Yes	** NA **			None
18	M117						Yes	** NA **			None
19	M118						Yes	** NA **			None
20	M119		BenPIN				Yes	** NA **			None
21	M120						Yes				None
22	M121		BenPIN				Yes	** NA **			None
23	M122						Yes	** NA **			None
24	M123						Yes	** NA **			None
25	M124						Yes	** NA **			None
26	M125						Yes				None
27	M126						Yes				None
28	M127						Yes	Default			None
29	M128						Yes	Default			None
30	M129						Yes	Default			None
31	M130						Yes	** NA **			None
32	M131						Yes	** NA **			None
33	M132	OOOOOX	OOOOOX				Yes	Default			None
34	M133	OOOOOX	OOOOOX				Yes	Default			None
35	M134						Yes	** NA **			None
36	M135						Yes	** NA **			None
37	M136						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...
38	M137						Yes	** NA **			None
39	M138						Yes	** NA **			None
40	M139		BenPIN				Yes	** NA **			None
41	M140						Yes				None
42	M141		BenPIN				Yes	** NA **			None
43	M142						Yes	** NA **			None
44	M143						Yes	** NA **			None
45	M144		BenPIN				Yes	** NA **			None
46	M145						Yes				None
47	M146		BenPIN				Yes	** NA **			None
48	M147						Yes	** NA **			None
49	M148						Yes	** NA **			None
50	M149						Yes	** NA **			None
51	M150						Yes				None
52	M151						Yes				None
53	M152						Yes	Default			None
54	M153						Yes	Default			None
55	M154						Yes	Default			None
56	M155						Yes	** NA **			None
57	M156						Yes	** NA **			None
58	M157	OOOOOX	OOOOOX				Yes	Default			None
59	M158	OOOOOX	OOOOOX				Yes	Default			None
60	M159						Yes	** NA **			None
61	M160						Yes	** NA **			None
62	M161						Yes	** NA **			None
63	M162						Yes	** NA **			None
64	M163						Yes	** NA **			None
65	M164		BenPIN				Yes	** NA **			None
66	M165						Yes				None
67	M166		BenPIN				Yes	** NA **			None
68	M167						Yes	** NA **			None
69	M168						Yes	** NA **			None
70	M169		BenPIN				Yes	** NA **			None
71	M170						Yes				None
72	M171		BenPIN				Yes	** NA **			None
73	M172						Yes	** NA **			None
74	M173						Yes	** NA **			None
75	M174						Yes	** NA **			None
76	M175						Yes				None
77	M176						Yes	Default			None
78	M177						Yes	Default			None
79	MP1A						Yes	** NA **			None
80	MP2A						Yes	** NA **			None
81	MP3A						Yes	** NA **			None
82	MP4A						Yes	** NA **			None
83	M182						Yes	** NA **			None
84	M183						Yes	** NA **			None
85	M184						Yes	** NA **			None
86	M185						Yes	** NA **			None
87	MP1C						Yes	** NA **			None
88	MP2C						Yes	** NA **			None
89	MP3C						Yes	** NA **			None
90	MP4C						Yes	** NA **			None
91	M190						Yes	** NA **			None
92	M191						Yes	** NA **			None
93	M192						Yes	** NA **			None
94	M193						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...
95	MP1B						Yes	** NA **			None
96	MP2B						Yes	** NA **			None
97	MP3B						Yes	** NA **			None
98	MP4B						Yes	** NA **			None
99	M198						Yes	** NA **			None
100	M199						Yes	** NA **			None
101	M200						Yes	** NA **			None
102	M201						Yes	** NA **			None
103	M103A						Yes	** NA **			None
104	OVP1						Yes	** NA **			None
105	M105A						Yes	** NA **			None
106	M106A						Yes	** NA **			None
107	M107A						Yes	** NA **			None
108	M108A						Yes	** NA **			None
109	M109A						Yes	** NA **			None
110	M110A		OOOOOO				Yes	** NA **			None
111	M111A		OOOOOO				Yes	** NA **			None
112	M112A						Yes	** NA **			None
113	M113A						Yes	** NA **			None
114	M114A						Yes	** NA **			None
115	M115A						Yes	** NA **			None
116	M116A						Yes	** NA **			None
117	M117A		OOOOOO				Yes	** NA **			None
118	M118A		OOOOOO				Yes	** NA **			None
119	M119A						Yes	** NA **			None
120	M120A						Yes	** NA **			None
121	M121A						Yes	** NA **			None
122	M122A						Yes	** NA **			None
123	M123A						Yes	** NA **			None
124	M124A		OOOOOO				Yes	** NA **			None
125	M125A		OOOOOO				Yes	** NA **			None
126	M126A						Yes	** NA **			None
127	M127A						Yes	** NA **			None
128	M128A						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-17.6	4
2	MP3A	My	.009	4
3	MP3A	Mz	.004	4
4	MP3B	Y	-17.6	4
5	MP3B	My	-.008	4
6	MP3B	Mz	.005	4
7	MP3C	Y	-17.6	4
8	MP3C	My	-.000589	4
9	MP3C	Mz	-.01	4
10	MP3A	Y	-17.6	4
11	MP3A	My	.009	4
12	MP3A	Mz	-.004	4
13	MP3B	Y	-17.6	4
14	MP3B	My	-.000589	4
15	MP3B	Mz	.01	4
16	MP3C	Y	-17.6	4
17	MP3C	My	-.008	4
18	MP3C	Mz	-.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP3A	Y	-32.5	.5
20	MP3A	My	-.016	.5
21	MP3A	Mz	-.019	.5
22	MP3A	Y	-32.5	5.5
23	MP3A	My	-.016	5.5
24	MP3A	Mz	-.019	5.5
25	MP3B	Y	-32.5	.5
26	MP3B	My	-.008	.5
27	MP3B	Mz	-.024	.5
28	MP3B	Y	-32.5	5.5
29	MP3B	My	-.008	5.5
30	MP3B	Mz	-.024	5.5
31	MP3C	Y	-32.5	.5
32	MP3C	My	.025	.5
33	MP3C	Mz	.005	.5
34	MP3C	Y	-32.5	5.5
35	MP3C	My	.025	5.5
36	MP3C	Mz	.005	5.5
37	MP3A	Y	-32.5	.5
38	MP3A	My	-.016	.5
39	MP3A	Mz	.019	.5
40	MP3A	Y	-32.5	5.5
41	MP3A	My	-.016	5.5
42	MP3A	Mz	.019	5.5
43	MP3B	Y	-32.5	.5
44	MP3B	My	.025	.5
45	MP3B	Mz	-.005	.5
46	MP3B	Y	-32.5	5.5
47	MP3B	My	.025	5.5
48	MP3B	Mz	-.005	5.5
49	MP3C	Y	-32.5	.5
50	MP3C	My	-.008	.5
51	MP3C	Mz	.024	.5
52	MP3C	Y	-32.5	5.5
53	MP3C	My	-.008	5.5
54	MP3C	Mz	.024	5.5
55	MP1A	Y	-43.55	2
56	MP1A	My	-.022	2
57	MP1A	Mz	0	2
58	MP1A	Y	-43.55	4
59	MP1A	My	-.022	4
60	MP1A	Mz	0	4
61	MP1B	Y	-43.55	2
62	MP1B	My	.011	2
63	MP1B	Mz	-.019	2
64	MP1B	Y	-43.55	4
65	MP1B	My	.011	4
66	MP1B	Mz	-.019	4
67	MP1C	Y	-43.55	2
68	MP1C	My	.011	2
69	MP1C	Mz	.019	2
70	MP1C	Y	-43.55	4
71	MP1C	My	.011	4
72	MP1C	Mz	.019	4
73	OVP1	Y	-32	1
74	OVP1	My	0	1
75	OVP1	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3A	Y	-84.4	1.5
77	MP3A	My	-.042	1.5
78	MP3A	Mz	0	1.5
79	MP3B	Y	-84.4	1.5
80	MP3B	My	.021	1.5
81	MP3B	Mz	-.037	1.5
82	MP3C	Y	-84.4	1.5
83	MP3C	My	.021	1.5
84	MP3C	Mz	.037	1.5
85	MP2A	Y	-70.3	1.5
86	MP2A	My	.035	1.5
87	MP2A	Mz	0	1.5
88	MP2B	Y	-70.3	1.5
89	MP2B	My	-.018	1.5
90	MP2B	Mz	.03	1.5
91	MP2C	Y	-70.3	1.5
92	MP2C	My	-.018	1.5
93	MP2C	Mz	-.03	1.5
94	MP4A	Y	-13.15	.5
95	MP4A	My	-.007	.5
96	MP4A	Mz	0	.5
97	MP4A	Y	-13.15	5.5
98	MP4A	My	-.007	5.5
99	MP4A	Mz	0	5.5
100	MP4B	Y	-13.15	.5
101	MP4B	My	.003	.5
102	MP4B	Mz	-.006	.5
103	MP4B	Y	-13.15	5.5
104	MP4B	My	.003	5.5
105	MP4B	Mz	-.006	5.5
106	MP4C	Y	-13.15	.5
107	MP4C	My	.003	.5
108	MP4C	Mz	.006	.5
109	MP4C	Y	-13.15	5.5
110	MP4C	My	.003	5.5
111	MP4C	Mz	.006	5.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-17.217	4
2	MP3A	My	.009	4
3	MP3A	Mz	.004	4
4	MP3B	Y	-17.217	4
5	MP3B	My	-.008	4
6	MP3B	Mz	.005	4
7	MP3C	Y	-17.217	4
8	MP3C	My	-.000577	4
9	MP3C	Mz	-.01	4
10	MP3A	Y	-17.217	4
11	MP3A	My	.009	4
12	MP3A	Mz	-.004	4
13	MP3B	Y	-17.217	4
14	MP3B	My	-.000577	4
15	MP3B	Mz	.01	4
16	MP3C	Y	-17.217	4
17	MP3C	My	-.008	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3C	Mz	-.005	4
19	MP3A	Y	-68.458	.5
20	MP3A	My	-.034	.5
21	MP3A	Mz	-.04	.5
22	MP3A	Y	-68.458	5.5
23	MP3A	My	-.034	5.5
24	MP3A	Mz	-.04	5.5
25	MP3B	Y	-68.458	.5
26	MP3B	My	-.017	.5
27	MP3B	Mz	-.05	.5
28	MP3B	Y	-68.458	5.5
29	MP3B	My	-.017	5.5
30	MP3B	Mz	-.05	5.5
31	MP3C	Y	-68.458	.5
32	MP3C	My	.052	.5
33	MP3C	Mz	.01	.5
34	MP3C	Y	-68.458	5.5
35	MP3C	My	.052	5.5
36	MP3C	Mz	.01	5.5
37	MP3A	Y	-68.458	.5
38	MP3A	My	-.034	.5
39	MP3A	Mz	.04	.5
40	MP3A	Y	-68.458	5.5
41	MP3A	My	-.034	5.5
42	MP3A	Mz	.04	5.5
43	MP3B	Y	-68.458	.5
44	MP3B	My	.052	.5
45	MP3B	Mz	-.01	.5
46	MP3B	Y	-68.458	5.5
47	MP3B	My	.052	5.5
48	MP3B	Mz	-.01	5.5
49	MP3C	Y	-68.458	.5
50	MP3C	My	-.017	.5
51	MP3C	Mz	.05	.5
52	MP3C	Y	-68.458	5.5
53	MP3C	My	-.017	5.5
54	MP3C	Mz	.05	5.5
55	MP1A	Y	-35.371	2
56	MP1A	My	-.018	2
57	MP1A	Mz	0	2
58	MP1A	Y	-35.371	4
59	MP1A	My	-.018	4
60	MP1A	Mz	0	4
61	MP1B	Y	-35.371	2
62	MP1B	My	.009	2
63	MP1B	Mz	-.015	2
64	MP1B	Y	-35.371	4
65	MP1B	My	.009	4
66	MP1B	Mz	-.015	4
67	MP1C	Y	-35.371	2
68	MP1C	My	.009	2
69	MP1C	Mz	.015	2
70	MP1C	Y	-35.371	4
71	MP1C	My	.009	4
72	MP1C	Mz	.015	4
73	OVP1	Y	-87.325	1
74	OVP1	My	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	OVP1	Mz	0	1
76	MP3A	Y	-44.59	1.5
77	MP3A	My	-.022	1.5
78	MP3A	Mz	0	1.5
79	MP3B	Y	-44.59	1.5
80	MP3B	My	.011	1.5
81	MP3B	Mz	-.019	1.5
82	MP3C	Y	-44.59	1.5
83	MP3C	My	.011	1.5
84	MP3C	Mz	.019	1.5
85	MP2A	Y	-40.098	1.5
86	MP2A	My	.02	1.5
87	MP2A	Mz	0	1.5
88	MP2B	Y	-40.098	1.5
89	MP2B	My	-.01	1.5
90	MP2B	Mz	.017	1.5
91	MP2C	Y	-40.098	1.5
92	MP2C	My	-.01	1.5
93	MP2C	Mz	-.017	1.5
94	MP4A	Y	-60.726	.5
95	MP4A	My	-.03	.5
96	MP4A	Mz	0	.5
97	MP4A	Y	-60.726	5.5
98	MP4A	My	-.03	5.5
99	MP4A	Mz	0	5.5
100	MP4B	Y	-60.726	.5
101	MP4B	My	.015	.5
102	MP4B	Mz	-.026	.5
103	MP4B	Y	-60.726	5.5
104	MP4B	My	.015	5.5
105	MP4B	Mz	-.026	5.5
106	MP4C	Y	-60.726	.5
107	MP4C	My	.015	.5
108	MP4C	Mz	.026	.5
109	MP4C	Y	-60.726	5.5
110	MP4C	My	.015	5.5
111	MP4C	Mz	.026	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	4
2	MP3A	Z	-31.548	4
3	MP3A	Mx	-.008	4
4	MP3B	X	0	4
5	MP3B	Z	-31.618	4
6	MP3B	Mx	-.01	4
7	MP3C	X	0	4
8	MP3C	Z	-31.618	4
9	MP3C	Mx	.018	4
10	MP3A	X	0	4
11	MP3A	Z	-31.548	4
12	MP3A	Mx	.008	4
13	MP3B	X	0	4
14	MP3B	Z	-31.618	4
15	MP3B	Mx	-.018	4
16	MP3C	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP3C	Z	-31.618	4
18	MP3C	Mx	.01	4
19	MP3A	X	0	.5
20	MP3A	Z	-133.588	.5
21	MP3A	Mx	.078	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-133.588	5.5
24	MP3A	Mx	.078	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-117.198	.5
27	MP3B	Mx	.085	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-117.198	5.5
30	MP3B	Mx	.085	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-117.198	.5
33	MP3C	Mx	-.017	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-117.198	5.5
36	MP3C	Mx	-.017	5.5
37	MP3A	X	0	.5
38	MP3A	Z	-133.588	.5
39	MP3A	Mx	-.078	.5
40	MP3A	X	0	5.5
41	MP3A	Z	-133.588	5.5
42	MP3A	Mx	-.078	5.5
43	MP3B	X	0	.5
44	MP3B	Z	-117.198	.5
45	MP3B	Mx	.017	.5
46	MP3B	X	0	5.5
47	MP3B	Z	-117.198	5.5
48	MP3B	Mx	.017	5.5
49	MP3C	X	0	.5
50	MP3C	Z	-117.198	.5
51	MP3C	Mx	-.085	.5
52	MP3C	X	0	5.5
53	MP3C	Z	-117.198	5.5
54	MP3C	Mx	-.085	5.5
55	MP1A	X	0	2
56	MP1A	Z	-64.411	2
57	MP1A	Mx	0	2
58	MP1A	X	0	4
59	MP1A	Z	-64.411	4
60	MP1A	Mx	0	4
61	MP1B	X	0	2
62	MP1B	Z	-32.74	2
63	MP1B	Mx	.014	2
64	MP1B	X	0	4
65	MP1B	Z	-32.74	4
66	MP1B	Mx	.014	4
67	MP1C	X	0	2
68	MP1C	Z	-32.74	2
69	MP1C	Mx	-.014	2
70	MP1C	X	0	4
71	MP1C	Z	-32.74	4
72	MP1C	Mx	-.014	4
73	OVP1	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	OVP1	Z	-125.516	1
75	OVP1	Mx	0	1
76	MP3A	X	0	1.5
77	MP3A	Z	-50.938	1.5
78	MP3A	Mx	0	1.5
79	MP3B	X	0	1.5
80	MP3B	Z	-38.368	1.5
81	MP3B	Mx	.017	1.5
82	MP3C	X	0	1.5
83	MP3C	Z	-38.368	1.5
84	MP3C	Mx	-.017	1.5
85	MP2A	X	0	1.5
86	MP2A	Z	-50.938	1.5
87	MP2A	Mx	0	1.5
88	MP2B	X	0	1.5
89	MP2B	Z	-33.685	1.5
90	MP2B	Mx	-.015	1.5
91	MP2C	X	0	1.5
92	MP2C	Z	-33.685	1.5
93	MP2C	Mx	.015	1.5
94	MP4A	X	0	.5
95	MP4A	Z	-134.245	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	-134.245	5.5
99	MP4A	Mx	0	5.5
100	MP4B	X	0	.5
101	MP4B	Z	-100.175	.5
102	MP4B	Mx	.043	.5
103	MP4B	X	0	5.5
104	MP4B	Z	-100.175	5.5
105	MP4B	Mx	.043	5.5
106	MP4C	X	0	.5
107	MP4C	Z	-100.175	.5
108	MP4C	Mx	-.043	.5
109	MP4C	X	0	5.5
110	MP4C	Z	-100.175	5.5
111	MP4C	Mx	-.043	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	15.786	4
2	MP3A	Z	-27.342	4
3	MP3A	Mx	.001	4
4	MP3B	X	15.821	4
5	MP3B	Z	-27.402	4
6	MP3B	Mx	-.016	4
7	MP3C	X	15.786	4
8	MP3C	Z	-27.342	4
9	MP3C	Mx	.015	4
10	MP3A	X	15.786	4
11	MP3A	Z	-27.342	4
12	MP3A	Mx	.015	4
13	MP3B	X	15.821	4
14	MP3B	Z	-27.402	4
15	MP3B	Mx	-.016	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	15.786	4
17	MP3C	Z	-27.342	4
18	MP3C	Mx	.001	4
19	MP3A	X	64.062	.5
20	MP3A	Z	-110.959	.5
21	MP3A	Mx	.033	.5
22	MP3A	X	64.062	5.5
23	MP3A	Z	-110.959	5.5
24	MP3A	Mx	.033	5.5
25	MP3B	X	55.867	.5
26	MP3B	Z	-96.765	.5
27	MP3B	Mx	.056	.5
28	MP3B	X	55.867	5.5
29	MP3B	Z	-96.765	5.5
30	MP3B	Mx	.056	5.5
31	MP3C	X	64.062	.5
32	MP3C	Z	-110.959	.5
33	MP3C	Mx	.033	.5
34	MP3C	X	64.062	5.5
35	MP3C	Z	-110.959	5.5
36	MP3C	Mx	.033	5.5
37	MP3A	X	64.062	.5
38	MP3A	Z	-110.959	.5
39	MP3A	Mx	-.097	.5
40	MP3A	X	64.062	5.5
41	MP3A	Z	-110.959	5.5
42	MP3A	Mx	-.097	5.5
43	MP3B	X	55.867	.5
44	MP3B	Z	-96.765	.5
45	MP3B	Mx	.056	.5
46	MP3B	X	55.867	5.5
47	MP3B	Z	-96.765	5.5
48	MP3B	Mx	.056	5.5
49	MP3C	X	64.062	.5
50	MP3C	Z	-110.959	.5
51	MP3C	Mx	-.097	.5
52	MP3C	X	64.062	5.5
53	MP3C	Z	-110.959	5.5
54	MP3C	Mx	-.097	5.5
55	MP1A	X	26.927	2
56	MP1A	Z	-46.639	2
57	MP1A	Mx	-.013	2
58	MP1A	X	26.927	4
59	MP1A	Z	-46.639	4
60	MP1A	Mx	-.013	4
61	MP1B	X	11.091	2
62	MP1B	Z	-19.211	2
63	MP1B	Mx	.011	2
64	MP1B	X	11.091	4
65	MP1B	Z	-19.211	4
66	MP1B	Mx	.011	4
67	MP1C	X	26.927	2
68	MP1C	Z	-46.639	2
69	MP1C	Mx	-.013	2
70	MP1C	X	26.927	4
71	MP1C	Z	-46.639	4
72	MP1C	Mx	-.013	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	OVP1	X	54.85	1
74	OVP1	Z	-95.004	1
75	OVP1	Mx	0	1
76	MP3A	X	23.374	1.5
77	MP3A	Z	-40.485	1.5
78	MP3A	Mx	-.012	1.5
79	MP3B	X	17.089	1.5
80	MP3B	Z	-29.599	1.5
81	MP3B	Mx	.017	1.5
82	MP3C	X	23.374	1.5
83	MP3C	Z	-40.485	1.5
84	MP3C	Mx	-.012	1.5
85	MP2A	X	22.593	1.5
86	MP2A	Z	-39.133	1.5
87	MP2A	Mx	.011	1.5
88	MP2B	X	13.967	1.5
89	MP2B	Z	-24.191	1.5
90	MP2B	Mx	-.014	1.5
91	MP2C	X	22.593	1.5
92	MP2C	Z	-39.133	1.5
93	MP2C	Mx	.011	1.5
94	MP4A	X	61.444	.5
95	MP4A	Z	-106.425	.5
96	MP4A	Mx	-.031	.5
97	MP4A	X	61.444	5.5
98	MP4A	Z	-106.425	5.5
99	MP4A	Mx	-.031	5.5
100	MP4B	X	44.409	.5
101	MP4B	Z	-76.919	.5
102	MP4B	Mx	.044	.5
103	MP4B	X	44.409	5.5
104	MP4B	Z	-76.919	5.5
105	MP4B	Mx	.044	5.5
106	MP4C	X	61.444	.5
107	MP4C	Z	-106.425	.5
108	MP4C	Mx	-.031	.5
109	MP4C	X	61.444	5.5
110	MP4C	Z	-106.425	5.5
111	MP4C	Mx	-.031	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	27.382	4
2	MP3A	Z	-15.809	4
3	MP3A	Mx	.01	4
4	MP3B	X	27.382	4
5	MP3B	Z	-15.809	4
6	MP3B	Mx	-.018	4
7	MP3C	X	27.322	4
8	MP3C	Z	-15.774	4
9	MP3C	Mx	.008	4
10	MP3A	X	27.382	4
11	MP3A	Z	-15.809	4
12	MP3A	Mx	.018	4
13	MP3B	X	27.382	4
14	MP3B	Z	-15.809	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP3B	Mx	-.01	4
16	MP3C	X	27.322	4
17	MP3C	Z	-15.774	4
18	MP3C	Mx	-.008	4
19	MP3A	X	101.496	.5
20	MP3A	Z	-58.599	.5
21	MP3A	Mx	-.017	.5
22	MP3A	X	101.496	5.5
23	MP3A	Z	-58.599	5.5
24	MP3A	Mx	-.017	5.5
25	MP3B	X	101.496	.5
26	MP3B	Z	-58.599	.5
27	MP3B	Mx	.017	.5
28	MP3B	X	101.496	5.5
29	MP3B	Z	-58.599	5.5
30	MP3B	Mx	.017	5.5
31	MP3C	X	115.691	.5
32	MP3C	Z	-66.794	.5
33	MP3C	Mx	.078	.5
34	MP3C	X	115.691	5.5
35	MP3C	Z	-66.794	5.5
36	MP3C	Mx	.078	5.5
37	MP3A	X	101.496	.5
38	MP3A	Z	-58.599	.5
39	MP3A	Mx	-.085	.5
40	MP3A	X	101.496	5.5
41	MP3A	Z	-58.599	5.5
42	MP3A	Mx	-.085	5.5
43	MP3B	X	101.496	.5
44	MP3B	Z	-58.599	.5
45	MP3B	Mx	.085	.5
46	MP3B	X	101.496	5.5
47	MP3B	Z	-58.599	5.5
48	MP3B	Mx	.085	5.5
49	MP3C	X	115.691	.5
50	MP3C	Z	-66.794	.5
51	MP3C	Mx	-.078	.5
52	MP3C	X	115.691	5.5
53	MP3C	Z	-66.794	5.5
54	MP3C	Mx	-.078	5.5
55	MP1A	X	28.353	2
56	MP1A	Z	-16.37	2
57	MP1A	Mx	-.014	2
58	MP1A	X	28.353	4
59	MP1A	Z	-16.37	4
60	MP1A	Mx	-.014	4
61	MP1B	X	28.353	2
62	MP1B	Z	-16.37	2
63	MP1B	Mx	.014	2
64	MP1B	X	28.353	4
65	MP1B	Z	-16.37	4
66	MP1B	Mx	.014	4
67	MP1C	X	55.782	2
68	MP1C	Z	-32.206	2
69	MP1C	Mx	0	2
70	MP1C	X	55.782	4
71	MP1C	Z	-32.206	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP1C	Mx	0	4
73	OVP1	X	88.155	1
74	OVP1	Z	-50.897	1
75	OVP1	Mx	0	1
76	MP3A	X	33.227	1.5
77	MP3A	Z	-19.184	1.5
78	MP3A	Mx	-.017	1.5
79	MP3B	X	33.227	1.5
80	MP3B	Z	-19.184	1.5
81	MP3B	Mx	.017	1.5
82	MP3C	X	44.113	1.5
83	MP3C	Z	-25.469	1.5
84	MP3C	Mx	0	1.5
85	MP2A	X	29.172	1.5
86	MP2A	Z	-16.842	1.5
87	MP2A	Mx	.015	1.5
88	MP2B	X	29.172	1.5
89	MP2B	Z	-16.842	1.5
90	MP2B	Mx	-.015	1.5
91	MP2C	X	44.113	1.5
92	MP2C	Z	-25.469	1.5
93	MP2C	Mx	0	1.5
94	MP4A	X	86.754	.5
95	MP4A	Z	-50.088	.5
96	MP4A	Mx	-.043	.5
97	MP4A	X	86.754	5.5
98	MP4A	Z	-50.088	5.5
99	MP4A	Mx	-.043	5.5
100	MP4B	X	86.754	.5
101	MP4B	Z	-50.088	.5
102	MP4B	Mx	.043	.5
103	MP4B	X	86.754	5.5
104	MP4B	Z	-50.088	5.5
105	MP4B	Mx	.043	5.5
106	MP4C	X	116.26	.5
107	MP4C	Z	-67.123	.5
108	MP4C	Mx	0	.5
109	MP4C	X	116.26	5.5
110	MP4C	Z	-67.123	5.5
111	MP4C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	31.642	4
2	MP3A	Z	0	4
3	MP3A	Mx	.016	4
4	MP3B	X	31.572	4
5	MP3B	Z	0	4
6	MP3B	Mx	-.015	4
7	MP3C	X	31.572	4
8	MP3C	Z	0	4
9	MP3C	Mx	-.001	4
10	MP3A	X	31.642	4
11	MP3A	Z	0	4
12	MP3A	Mx	.016	4
13	MP3B	X	31.572	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP3B	Z	0	4
15	MP3B	Mx	-.001	4
16	MP3C	X	31.572	4
17	MP3C	Z	0	4
18	MP3C	Mx	-.015	4
19	MP3A	X	111.734	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.056	.5
22	MP3A	X	111.734	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.056	5.5
25	MP3B	X	128.125	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.033	.5
28	MP3B	X	128.125	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.033	5.5
31	MP3C	X	128.125	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.097	.5
34	MP3C	X	128.125	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.097	5.5
37	MP3A	X	111.734	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	-.056	.5
40	MP3A	X	111.734	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	-.056	5.5
43	MP3B	X	128.125	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	.097	.5
46	MP3B	X	128.125	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	.097	5.5
49	MP3C	X	128.125	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	-.033	.5
52	MP3C	X	128.125	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	-.033	5.5
55	MP1A	X	22.183	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.011	2
58	MP1A	X	22.183	4
59	MP1A	Z	0	4
60	MP1A	Mx	-.011	4
61	MP1B	X	53.854	2
62	MP1B	Z	0	2
63	MP1B	Mx	.013	2
64	MP1B	X	53.854	4
65	MP1B	Z	0	4
66	MP1B	Mx	.013	4
67	MP1C	X	53.854	2
68	MP1C	Z	0	2
69	MP1C	Mx	.013	2
70	MP1C	X	53.854	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP1C	Z	0	4
72	MP1C	Mx	.013	4
73	OVP1	X	109.701	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	MP3A	X	34.178	1.5
77	MP3A	Z	0	1.5
78	MP3A	Mx	-.017	1.5
79	MP3B	X	46.748	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	.012	1.5
82	MP3C	X	46.748	1.5
83	MP3C	Z	0	1.5
84	MP3C	Mx	.012	1.5
85	MP2A	X	27.934	1.5
86	MP2A	Z	0	1.5
87	MP2A	Mx	.014	1.5
88	MP2B	X	45.187	1.5
89	MP2B	Z	0	1.5
90	MP2B	Mx	-.011	1.5
91	MP2C	X	45.187	1.5
92	MP2C	Z	0	1.5
93	MP2C	Mx	-.011	1.5
94	MP4A	X	88.819	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	-.044	.5
97	MP4A	X	88.819	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	-.044	5.5
100	MP4B	X	122.889	.5
101	MP4B	Z	0	.5
102	MP4B	Mx	.031	.5
103	MP4B	X	122.889	5.5
104	MP4B	Z	0	5.5
105	MP4B	Mx	.031	5.5
106	MP4C	X	122.889	.5
107	MP4C	Z	0	.5
108	MP4C	Mx	.031	.5
109	MP4C	X	122.889	5.5
110	MP4C	Z	0	5.5
111	MP4C	Mx	.031	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	27.382	4
2	MP3A	Z	15.809	4
3	MP3A	Mx	.018	4
4	MP3B	X	27.322	4
5	MP3B	Z	15.774	4
6	MP3B	Mx	-.008	4
7	MP3C	X	27.382	4
8	MP3C	Z	15.809	4
9	MP3C	Mx	-.01	4
10	MP3A	X	27.382	4
11	MP3A	Z	15.809	4
12	MP3A	Mx	.01	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP3B	X	27.322	4
14	MP3B	Z	15.774	4
15	MP3B	Mx	.008	4
16	MP3C	X	27.382	4
17	MP3C	Z	15.809	4
18	MP3C	Mx	-.018	4
19	MP3A	X	101.496	.5
20	MP3A	Z	58.599	.5
21	MP3A	Mx	-.085	.5
22	MP3A	X	101.496	5.5
23	MP3A	Z	58.599	5.5
24	MP3A	Mx	-.085	5.5
25	MP3B	X	115.691	.5
26	MP3B	Z	66.794	.5
27	MP3B	Mx	-.078	.5
28	MP3B	X	115.691	5.5
29	MP3B	Z	66.794	5.5
30	MP3B	Mx	-.078	5.5
31	MP3C	X	101.496	.5
32	MP3C	Z	58.599	.5
33	MP3C	Mx	.085	.5
34	MP3C	X	101.496	5.5
35	MP3C	Z	58.599	5.5
36	MP3C	Mx	.085	5.5
37	MP3A	X	101.496	.5
38	MP3A	Z	58.599	.5
39	MP3A	Mx	-.017	.5
40	MP3A	X	101.496	5.5
41	MP3A	Z	58.599	5.5
42	MP3A	Mx	-.017	5.5
43	MP3B	X	115.691	.5
44	MP3B	Z	66.794	.5
45	MP3B	Mx	.078	.5
46	MP3B	X	115.691	5.5
47	MP3B	Z	66.794	5.5
48	MP3B	Mx	.078	5.5
49	MP3C	X	101.496	.5
50	MP3C	Z	58.599	.5
51	MP3C	Mx	.017	.5
52	MP3C	X	101.496	5.5
53	MP3C	Z	58.599	5.5
54	MP3C	Mx	.017	5.5
55	MP1A	X	28.353	2
56	MP1A	Z	16.37	2
57	MP1A	Mx	-.014	2
58	MP1A	X	28.353	4
59	MP1A	Z	16.37	4
60	MP1A	Mx	-.014	4
61	MP1B	X	55.782	2
62	MP1B	Z	32.206	2
63	MP1B	Mx	0	2
64	MP1B	X	55.782	4
65	MP1B	Z	32.206	4
66	MP1B	Mx	0	4
67	MP1C	X	28.353	2
68	MP1C	Z	16.37	2
69	MP1C	Mx	.014	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP1C	X	28.353	4
71	MP1C	Z	16.37	4
72	MP1C	Mx	.014	4
73	OVP1	X	108.7	1
74	OVP1	Z	62.758	1
75	OVP1	Mx	0	1
76	MP3A	X	33.227	1.5
77	MP3A	Z	19.184	1.5
78	MP3A	Mx	-.017	1.5
79	MP3B	X	44.113	1.5
80	MP3B	Z	25.469	1.5
81	MP3B	Mx	0	1.5
82	MP3C	X	33.227	1.5
83	MP3C	Z	19.184	1.5
84	MP3C	Mx	.017	1.5
85	MP2A	X	29.172	1.5
86	MP2A	Z	16.842	1.5
87	MP2A	Mx	.015	1.5
88	MP2B	X	44.113	1.5
89	MP2B	Z	25.469	1.5
90	MP2B	Mx	0	1.5
91	MP2C	X	29.172	1.5
92	MP2C	Z	16.842	1.5
93	MP2C	Mx	-.015	1.5
94	MP4A	X	86.754	.5
95	MP4A	Z	50.088	.5
96	MP4A	Mx	-.043	.5
97	MP4A	X	86.754	5.5
98	MP4A	Z	50.088	5.5
99	MP4A	Mx	-.043	5.5
100	MP4B	X	116.26	.5
101	MP4B	Z	67.123	.5
102	MP4B	Mx	0	.5
103	MP4B	X	116.26	5.5
104	MP4B	Z	67.123	5.5
105	MP4B	Mx	0	5.5
106	MP4C	X	86.754	.5
107	MP4C	Z	50.088	.5
108	MP4C	Mx	.043	.5
109	MP4C	X	86.754	5.5
110	MP4C	Z	50.088	5.5
111	MP4C	Mx	.043	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	15.786	4
2	MP3A	Z	27.342	4
3	MP3A	Mx	.015	4
4	MP3B	X	15.786	4
5	MP3B	Z	27.342	4
6	MP3B	Mx	.001	4
7	MP3C	X	15.821	4
8	MP3C	Z	27.402	4
9	MP3C	Mx	-.016	4
10	MP3A	X	15.786	4
11	MP3A	Z	27.342	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3A	Mx	.001	4
13	MP3B	X	15.786	4
14	MP3B	Z	27.342	4
15	MP3B	Mx	.015	4
16	MP3C	X	15.821	4
17	MP3C	Z	27.402	4
18	MP3C	Mx	-.016	4
19	MP3A	X	64.062	.5
20	MP3A	Z	110.959	.5
21	MP3A	Mx	-.097	.5
22	MP3A	X	64.062	5.5
23	MP3A	Z	110.959	5.5
24	MP3A	Mx	-.097	5.5
25	MP3B	X	64.062	.5
26	MP3B	Z	110.959	.5
27	MP3B	Mx	-.097	.5
28	MP3B	X	64.062	5.5
29	MP3B	Z	110.959	5.5
30	MP3B	Mx	-.097	5.5
31	MP3C	X	55.867	.5
32	MP3C	Z	96.765	.5
33	MP3C	Mx	.056	.5
34	MP3C	X	55.867	5.5
35	MP3C	Z	96.765	5.5
36	MP3C	Mx	.056	5.5
37	MP3A	X	64.062	.5
38	MP3A	Z	110.959	.5
39	MP3A	Mx	.033	.5
40	MP3A	X	64.062	5.5
41	MP3A	Z	110.959	5.5
42	MP3A	Mx	.033	5.5
43	MP3B	X	64.062	.5
44	MP3B	Z	110.959	.5
45	MP3B	Mx	.033	.5
46	MP3B	X	64.062	5.5
47	MP3B	Z	110.959	5.5
48	MP3B	Mx	.033	5.5
49	MP3C	X	55.867	.5
50	MP3C	Z	96.765	.5
51	MP3C	Mx	.056	.5
52	MP3C	X	55.867	5.5
53	MP3C	Z	96.765	5.5
54	MP3C	Mx	.056	5.5
55	MP1A	X	26.927	2
56	MP1A	Z	46.639	2
57	MP1A	Mx	-.013	2
58	MP1A	X	26.927	4
59	MP1A	Z	46.639	4
60	MP1A	Mx	-.013	4
61	MP1B	X	26.927	2
62	MP1B	Z	46.639	2
63	MP1B	Mx	-.013	2
64	MP1B	X	26.927	4
65	MP1B	Z	46.639	4
66	MP1B	Mx	-.013	4
67	MP1C	X	11.091	2
68	MP1C	Z	19.211	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1C	Mx	.011	2
70	MP1C	X	11.091	4
71	MP1C	Z	19.211	4
72	MP1C	Mx	.011	4
73	OVP1	X	66.712	1
74	OVP1	Z	115.548	1
75	OVP1	Mx	0	1
76	MP3A	X	23.374	1.5
77	MP3A	Z	40.485	1.5
78	MP3A	Mx	-.012	1.5
79	MP3B	X	23.374	1.5
80	MP3B	Z	40.485	1.5
81	MP3B	Mx	-.012	1.5
82	MP3C	X	17.089	1.5
83	MP3C	Z	29.599	1.5
84	MP3C	Mx	.017	1.5
85	MP2A	X	22.593	1.5
86	MP2A	Z	39.133	1.5
87	MP2A	Mx	.011	1.5
88	MP2B	X	22.593	1.5
89	MP2B	Z	39.133	1.5
90	MP2B	Mx	.011	1.5
91	MP2C	X	13.967	1.5
92	MP2C	Z	24.191	1.5
93	MP2C	Mx	-.014	1.5
94	MP4A	X	61.444	.5
95	MP4A	Z	106.425	.5
96	MP4A	Mx	-.031	.5
97	MP4A	X	61.444	5.5
98	MP4A	Z	106.425	5.5
99	MP4A	Mx	-.031	5.5
100	MP4B	X	61.444	.5
101	MP4B	Z	106.425	.5
102	MP4B	Mx	-.031	.5
103	MP4B	X	61.444	5.5
104	MP4B	Z	106.425	5.5
105	MP4B	Mx	-.031	5.5
106	MP4C	X	44.409	.5
107	MP4C	Z	76.919	.5
108	MP4C	Mx	.044	.5
109	MP4C	X	44.409	5.5
110	MP4C	Z	76.919	5.5
111	MP4C	Mx	.044	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	4
2	MP3A	Z	31.548	4
3	MP3A	Mx	.008	4
4	MP3B	X	0	4
5	MP3B	Z	31.618	4
6	MP3B	Mx	.01	4
7	MP3C	X	0	4
8	MP3C	Z	31.618	4
9	MP3C	Mx	-.018	4
10	MP3A	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP3A	Z	31.548	4
12	MP3A	Mx	-.008	4
13	MP3B	X	0	4
14	MP3B	Z	31.618	4
15	MP3B	Mx	.018	4
16	MP3C	X	0	4
17	MP3C	Z	31.618	4
18	MP3C	Mx	-.01	4
19	MP3A	X	0	.5
20	MP3A	Z	133.588	.5
21	MP3A	Mx	-.078	.5
22	MP3A	X	0	5.5
23	MP3A	Z	133.588	5.5
24	MP3A	Mx	-.078	5.5
25	MP3B	X	0	.5
26	MP3B	Z	117.198	.5
27	MP3B	Mx	-.085	.5
28	MP3B	X	0	5.5
29	MP3B	Z	117.198	5.5
30	MP3B	Mx	-.085	5.5
31	MP3C	X	0	.5
32	MP3C	Z	117.198	.5
33	MP3C	Mx	.017	.5
34	MP3C	X	0	5.5
35	MP3C	Z	117.198	5.5
36	MP3C	Mx	.017	5.5
37	MP3A	X	0	.5
38	MP3A	Z	133.588	.5
39	MP3A	Mx	.078	.5
40	MP3A	X	0	5.5
41	MP3A	Z	133.588	5.5
42	MP3A	Mx	.078	5.5
43	MP3B	X	0	.5
44	MP3B	Z	117.198	.5
45	MP3B	Mx	-.017	.5
46	MP3B	X	0	5.5
47	MP3B	Z	117.198	5.5
48	MP3B	Mx	-.017	5.5
49	MP3C	X	0	.5
50	MP3C	Z	117.198	.5
51	MP3C	Mx	.085	.5
52	MP3C	X	0	5.5
53	MP3C	Z	117.198	5.5
54	MP3C	Mx	.085	5.5
55	MP1A	X	0	2
56	MP1A	Z	64.411	2
57	MP1A	Mx	0	2
58	MP1A	X	0	4
59	MP1A	Z	64.411	4
60	MP1A	Mx	0	4
61	MP1B	X	0	2
62	MP1B	Z	32.74	2
63	MP1B	Mx	-.014	2
64	MP1B	X	0	4
65	MP1B	Z	32.74	4
66	MP1B	Mx	-.014	4
67	MP1C	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP1C	Z	32.74	2
69	MP1C	Mx	.014	2
70	MP1C	X	0	4
71	MP1C	Z	32.74	4
72	MP1C	Mx	.014	4
73	OVP1	X	0	1
74	OVP1	Z	125.516	1
75	OVP1	Mx	0	1
76	MP3A	X	0	1.5
77	MP3A	Z	50.938	1.5
78	MP3A	Mx	0	1.5
79	MP3B	X	0	1.5
80	MP3B	Z	38.368	1.5
81	MP3B	Mx	-.017	1.5
82	MP3C	X	0	1.5
83	MP3C	Z	38.368	1.5
84	MP3C	Mx	.017	1.5
85	MP2A	X	0	1.5
86	MP2A	Z	50.938	1.5
87	MP2A	Mx	0	1.5
88	MP2B	X	0	1.5
89	MP2B	Z	33.685	1.5
90	MP2B	Mx	.015	1.5
91	MP2C	X	0	1.5
92	MP2C	Z	33.685	1.5
93	MP2C	Mx	-.015	1.5
94	MP4A	X	0	.5
95	MP4A	Z	134.245	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	134.245	5.5
99	MP4A	Mx	0	5.5
100	MP4B	X	0	.5
101	MP4B	Z	100.175	.5
102	MP4B	Mx	-.043	.5
103	MP4B	X	0	5.5
104	MP4B	Z	100.175	5.5
105	MP4B	Mx	-.043	5.5
106	MP4C	X	0	.5
107	MP4C	Z	100.175	.5
108	MP4C	Mx	.043	.5
109	MP4C	X	0	5.5
110	MP4C	Z	100.175	5.5
111	MP4C	Mx	.043	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-15.786	4
2	MP3A	Z	27.342	4
3	MP3A	Mx	-.001	4
4	MP3B	X	-15.821	4
5	MP3B	Z	27.402	4
6	MP3B	Mx	.016	4
7	MP3C	X	-15.786	4
8	MP3C	Z	27.342	4
9	MP3C	Mx	-.015	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP3A	X	-15.786	4
11	MP3A	Z	27.342	4
12	MP3A	Mx	-.015	4
13	MP3B	X	-15.821	4
14	MP3B	Z	27.402	4
15	MP3B	Mx	.016	4
16	MP3C	X	-15.786	4
17	MP3C	Z	27.342	4
18	MP3C	Mx	-.001	4
19	MP3A	X	-64.062	.5
20	MP3A	Z	110.959	.5
21	MP3A	Mx	-.033	.5
22	MP3A	X	-64.062	5.5
23	MP3A	Z	110.959	5.5
24	MP3A	Mx	-.033	5.5
25	MP3B	X	-55.867	.5
26	MP3B	Z	96.765	.5
27	MP3B	Mx	-.056	.5
28	MP3B	X	-55.867	5.5
29	MP3B	Z	96.765	5.5
30	MP3B	Mx	-.056	5.5
31	MP3C	X	-64.062	.5
32	MP3C	Z	110.959	.5
33	MP3C	Mx	-.033	.5
34	MP3C	X	-64.062	5.5
35	MP3C	Z	110.959	5.5
36	MP3C	Mx	-.033	5.5
37	MP3A	X	-64.062	.5
38	MP3A	Z	110.959	.5
39	MP3A	Mx	.097	.5
40	MP3A	X	-64.062	5.5
41	MP3A	Z	110.959	5.5
42	MP3A	Mx	.097	5.5
43	MP3B	X	-55.867	.5
44	MP3B	Z	96.765	.5
45	MP3B	Mx	-.056	.5
46	MP3B	X	-55.867	5.5
47	MP3B	Z	96.765	5.5
48	MP3B	Mx	-.056	5.5
49	MP3C	X	-64.062	.5
50	MP3C	Z	110.959	.5
51	MP3C	Mx	.097	.5
52	MP3C	X	-64.062	5.5
53	MP3C	Z	110.959	5.5
54	MP3C	Mx	.097	5.5
55	MP1A	X	-26.927	2
56	MP1A	Z	46.639	2
57	MP1A	Mx	.013	2
58	MP1A	X	-26.927	4
59	MP1A	Z	46.639	4
60	MP1A	Mx	.013	4
61	MP1B	X	-11.091	2
62	MP1B	Z	19.211	2
63	MP1B	Mx	-.011	2
64	MP1B	X	-11.091	4
65	MP1B	Z	19.211	4
66	MP1B	Mx	-.011	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP1C	X	-26.927	2
68	MP1C	Z	46.639	2
69	MP1C	Mx	.013	2
70	MP1C	X	-26.927	4
71	MP1C	Z	46.639	4
72	MP1C	Mx	.013	4
73	OVP1	X	-54.85	1
74	OVP1	Z	95.004	1
75	OVP1	Mx	0	1
76	MP3A	X	-23.374	1.5
77	MP3A	Z	40.485	1.5
78	MP3A	Mx	.012	1.5
79	MP3B	X	-17.089	1.5
80	MP3B	Z	29.599	1.5
81	MP3B	Mx	-.017	1.5
82	MP3C	X	-23.374	1.5
83	MP3C	Z	40.485	1.5
84	MP3C	Mx	.012	1.5
85	MP2A	X	-22.593	1.5
86	MP2A	Z	39.133	1.5
87	MP2A	Mx	-.011	1.5
88	MP2B	X	-13.967	1.5
89	MP2B	Z	24.191	1.5
90	MP2B	Mx	.014	1.5
91	MP2C	X	-22.593	1.5
92	MP2C	Z	39.133	1.5
93	MP2C	Mx	-.011	1.5
94	MP4A	X	-61.444	.5
95	MP4A	Z	106.425	.5
96	MP4A	Mx	.031	.5
97	MP4A	X	-61.444	5.5
98	MP4A	Z	106.425	5.5
99	MP4A	Mx	.031	5.5
100	MP4B	X	-44.409	.5
101	MP4B	Z	76.919	.5
102	MP4B	Mx	-.044	.5
103	MP4B	X	-44.409	5.5
104	MP4B	Z	76.919	5.5
105	MP4B	Mx	-.044	5.5
106	MP4C	X	-61.444	.5
107	MP4C	Z	106.425	.5
108	MP4C	Mx	.031	.5
109	MP4C	X	-61.444	5.5
110	MP4C	Z	106.425	5.5
111	MP4C	Mx	.031	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-27.382	4
2	MP3A	Z	15.809	4
3	MP3A	Mx	-.01	4
4	MP3B	X	-27.382	4
5	MP3B	Z	15.809	4
6	MP3B	Mx	.018	4
7	MP3C	X	-27.322	4
8	MP3C	Z	15.774	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP3C	Mx	-.008	4
10	MP3A	X	-27.382	4
11	MP3A	Z	15.809	4
12	MP3A	Mx	-.018	4
13	MP3B	X	-27.382	4
14	MP3B	Z	15.809	4
15	MP3B	Mx	.01	4
16	MP3C	X	-27.322	4
17	MP3C	Z	15.774	4
18	MP3C	Mx	.008	4
19	MP3A	X	-101.496	.5
20	MP3A	Z	58.599	.5
21	MP3A	Mx	.017	.5
22	MP3A	X	-101.496	5.5
23	MP3A	Z	58.599	5.5
24	MP3A	Mx	.017	5.5
25	MP3B	X	-101.496	.5
26	MP3B	Z	58.599	.5
27	MP3B	Mx	-.017	.5
28	MP3B	X	-101.496	5.5
29	MP3B	Z	58.599	5.5
30	MP3B	Mx	-.017	5.5
31	MP3C	X	-115.691	.5
32	MP3C	Z	66.794	.5
33	MP3C	Mx	-.078	.5
34	MP3C	X	-115.691	5.5
35	MP3C	Z	66.794	5.5
36	MP3C	Mx	-.078	5.5
37	MP3A	X	-101.496	.5
38	MP3A	Z	58.599	.5
39	MP3A	Mx	.085	.5
40	MP3A	X	-101.496	5.5
41	MP3A	Z	58.599	5.5
42	MP3A	Mx	.085	5.5
43	MP3B	X	-101.496	.5
44	MP3B	Z	58.599	.5
45	MP3B	Mx	-.085	.5
46	MP3B	X	-101.496	5.5
47	MP3B	Z	58.599	5.5
48	MP3B	Mx	-.085	5.5
49	MP3C	X	-115.691	.5
50	MP3C	Z	66.794	.5
51	MP3C	Mx	.078	.5
52	MP3C	X	-115.691	5.5
53	MP3C	Z	66.794	5.5
54	MP3C	Mx	.078	5.5
55	MP1A	X	-28.353	2
56	MP1A	Z	16.37	2
57	MP1A	Mx	.014	2
58	MP1A	X	-28.353	4
59	MP1A	Z	16.37	4
60	MP1A	Mx	.014	4
61	MP1B	X	-28.353	2
62	MP1B	Z	16.37	2
63	MP1B	Mx	-.014	2
64	MP1B	X	-28.353	4
65	MP1B	Z	16.37	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP1B	Mx	-.014	4
67	MP1C	X	-55.782	2
68	MP1C	Z	32.206	2
69	MP1C	Mx	0	2
70	MP1C	X	-55.782	4
71	MP1C	Z	32.206	4
72	MP1C	Mx	0	4
73	OVP1	X	-88.155	1
74	OVP1	Z	50.897	1
75	OVP1	Mx	0	1
76	MP3A	X	-33.227	1.5
77	MP3A	Z	19.184	1.5
78	MP3A	Mx	.017	1.5
79	MP3B	X	-33.227	1.5
80	MP3B	Z	19.184	1.5
81	MP3B	Mx	-.017	1.5
82	MP3C	X	-44.113	1.5
83	MP3C	Z	25.469	1.5
84	MP3C	Mx	0	1.5
85	MP2A	X	-29.172	1.5
86	MP2A	Z	16.842	1.5
87	MP2A	Mx	-.015	1.5
88	MP2B	X	-29.172	1.5
89	MP2B	Z	16.842	1.5
90	MP2B	Mx	.015	1.5
91	MP2C	X	-44.113	1.5
92	MP2C	Z	25.469	1.5
93	MP2C	Mx	0	1.5
94	MP4A	X	-86.754	.5
95	MP4A	Z	50.088	.5
96	MP4A	Mx	.043	.5
97	MP4A	X	-86.754	5.5
98	MP4A	Z	50.088	5.5
99	MP4A	Mx	.043	5.5
100	MP4B	X	-86.754	.5
101	MP4B	Z	50.088	.5
102	MP4B	Mx	-.043	.5
103	MP4B	X	-86.754	5.5
104	MP4B	Z	50.088	5.5
105	MP4B	Mx	-.043	5.5
106	MP4C	X	-116.26	.5
107	MP4C	Z	67.123	.5
108	MP4C	Mx	0	.5
109	MP4C	X	-116.26	5.5
110	MP4C	Z	67.123	5.5
111	MP4C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-31.642	4
2	MP3A	Z	0	4
3	MP3A	Mx	-.016	4
4	MP3B	X	-31.572	4
5	MP3B	Z	0	4
6	MP3B	Mx	.015	4
7	MP3C	X	-31.572	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3C	Z	0	4
9	MP3C	Mx	.001	4
10	MP3A	X	-31.642	4
11	MP3A	Z	0	4
12	MP3A	Mx	-.016	4
13	MP3B	X	-31.572	4
14	MP3B	Z	0	4
15	MP3B	Mx	.001	4
16	MP3C	X	-31.572	4
17	MP3C	Z	0	4
18	MP3C	Mx	.015	4
19	MP3A	X	-111.734	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.056	.5
22	MP3A	X	-111.734	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.056	5.5
25	MP3B	X	-128.125	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.033	.5
28	MP3B	X	-128.125	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.033	5.5
31	MP3C	X	-128.125	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.097	.5
34	MP3C	X	-128.125	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.097	5.5
37	MP3A	X	-111.734	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	.056	.5
40	MP3A	X	-111.734	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	.056	5.5
43	MP3B	X	-128.125	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	-.097	.5
46	MP3B	X	-128.125	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	-.097	5.5
49	MP3C	X	-128.125	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	.033	.5
52	MP3C	X	-128.125	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	.033	5.5
55	MP1A	X	-22.183	2
56	MP1A	Z	0	2
57	MP1A	Mx	.011	2
58	MP1A	X	-22.183	4
59	MP1A	Z	0	4
60	MP1A	Mx	.011	4
61	MP1B	X	-53.854	2
62	MP1B	Z	0	2
63	MP1B	Mx	-.013	2
64	MP1B	X	-53.854	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1B	Z	0	4
66	MP1B	Mx	-.013	4
67	MP1C	X	-53.854	2
68	MP1C	Z	0	2
69	MP1C	Mx	-.013	2
70	MP1C	X	-53.854	4
71	MP1C	Z	0	4
72	MP1C	Mx	-.013	4
73	OVP1	X	-109.701	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	MP3A	X	-34.178	1.5
77	MP3A	Z	0	1.5
78	MP3A	Mx	.017	1.5
79	MP3B	X	-46.748	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	-.012	1.5
82	MP3C	X	-46.748	1.5
83	MP3C	Z	0	1.5
84	MP3C	Mx	-.012	1.5
85	MP2A	X	-27.934	1.5
86	MP2A	Z	0	1.5
87	MP2A	Mx	-.014	1.5
88	MP2B	X	-45.187	1.5
89	MP2B	Z	0	1.5
90	MP2B	Mx	.011	1.5
91	MP2C	X	-45.187	1.5
92	MP2C	Z	0	1.5
93	MP2C	Mx	.011	1.5
94	MP4A	X	-88.819	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	.044	.5
97	MP4A	X	-88.819	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	.044	5.5
100	MP4B	X	-122.889	.5
101	MP4B	Z	0	.5
102	MP4B	Mx	-.031	.5
103	MP4B	X	-122.889	5.5
104	MP4B	Z	0	5.5
105	MP4B	Mx	-.031	5.5
106	MP4C	X	-122.889	.5
107	MP4C	Z	0	.5
108	MP4C	Mx	-.031	.5
109	MP4C	X	-122.889	5.5
110	MP4C	Z	0	5.5
111	MP4C	Mx	-.031	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-27.382	4
2	MP3A	Z	-15.809	4
3	MP3A	Mx	-.018	4
4	MP3B	X	-27.322	4
5	MP3B	Z	-15.774	4
6	MP3B	Mx	.008	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
7	MP3C	X	-27.382	4
8	MP3C	Z	-15.809	4
9	MP3C	Mx	.01	4
10	MP3A	X	-27.382	4
11	MP3A	Z	-15.809	4
12	MP3A	Mx	-.01	4
13	MP3B	X	-27.322	4
14	MP3B	Z	-15.774	4
15	MP3B	Mx	-.008	4
16	MP3C	X	-27.382	4
17	MP3C	Z	-15.809	4
18	MP3C	Mx	.018	4
19	MP3A	X	-101.496	.5
20	MP3A	Z	-58.599	.5
21	MP3A	Mx	.085	.5
22	MP3A	X	-101.496	5.5
23	MP3A	Z	-58.599	5.5
24	MP3A	Mx	.085	5.5
25	MP3B	X	-115.691	.5
26	MP3B	Z	-66.794	.5
27	MP3B	Mx	.078	.5
28	MP3B	X	-115.691	5.5
29	MP3B	Z	-66.794	5.5
30	MP3B	Mx	.078	5.5
31	MP3C	X	-101.496	.5
32	MP3C	Z	-58.599	.5
33	MP3C	Mx	-.085	.5
34	MP3C	X	-101.496	5.5
35	MP3C	Z	-58.599	5.5
36	MP3C	Mx	-.085	5.5
37	MP3A	X	-101.496	.5
38	MP3A	Z	-58.599	.5
39	MP3A	Mx	.017	.5
40	MP3A	X	-101.496	5.5
41	MP3A	Z	-58.599	5.5
42	MP3A	Mx	.017	5.5
43	MP3B	X	-115.691	.5
44	MP3B	Z	-66.794	.5
45	MP3B	Mx	-.078	.5
46	MP3B	X	-115.691	5.5
47	MP3B	Z	-66.794	5.5
48	MP3B	Mx	-.078	5.5
49	MP3C	X	-101.496	.5
50	MP3C	Z	-58.599	.5
51	MP3C	Mx	-.017	.5
52	MP3C	X	-101.496	5.5
53	MP3C	Z	-58.599	5.5
54	MP3C	Mx	-.017	5.5
55	MP1A	X	-28.353	2
56	MP1A	Z	-16.37	2
57	MP1A	Mx	.014	2
58	MP1A	X	-28.353	4
59	MP1A	Z	-16.37	4
60	MP1A	Mx	.014	4
61	MP1B	X	-55.782	2
62	MP1B	Z	-32.206	2
63	MP1B	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP1B	X	-55.782	4
65	MP1B	Z	-32.206	4
66	MP1B	Mx	0	4
67	MP1C	X	-28.353	2
68	MP1C	Z	-16.37	2
69	MP1C	Mx	-.014	2
70	MP1C	X	-28.353	4
71	MP1C	Z	-16.37	4
72	MP1C	Mx	-.014	4
73	OVP1	X	-108.7	1
74	OVP1	Z	-62.758	1
75	OVP1	Mx	0	1
76	MP3A	X	-33.227	1.5
77	MP3A	Z	-19.184	1.5
78	MP3A	Mx	.017	1.5
79	MP3B	X	-44.113	1.5
80	MP3B	Z	-25.469	1.5
81	MP3B	Mx	0	1.5
82	MP3C	X	-33.227	1.5
83	MP3C	Z	-19.184	1.5
84	MP3C	Mx	-.017	1.5
85	MP2A	X	-29.172	1.5
86	MP2A	Z	-16.842	1.5
87	MP2A	Mx	-.015	1.5
88	MP2B	X	-44.113	1.5
89	MP2B	Z	-25.469	1.5
90	MP2B	Mx	0	1.5
91	MP2C	X	-29.172	1.5
92	MP2C	Z	-16.842	1.5
93	MP2C	Mx	.015	1.5
94	MP4A	X	-86.754	.5
95	MP4A	Z	-50.088	.5
96	MP4A	Mx	.043	.5
97	MP4A	X	-86.754	5.5
98	MP4A	Z	-50.088	5.5
99	MP4A	Mx	.043	5.5
100	MP4B	X	-116.26	.5
101	MP4B	Z	-67.123	.5
102	MP4B	Mx	0	.5
103	MP4B	X	-116.26	5.5
104	MP4B	Z	-67.123	5.5
105	MP4B	Mx	0	5.5
106	MP4C	X	-86.754	.5
107	MP4C	Z	-50.088	.5
108	MP4C	Mx	-.043	.5
109	MP4C	X	-86.754	5.5
110	MP4C	Z	-50.088	5.5
111	MP4C	Mx	-.043	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-15.786	4
2	MP3A	Z	-27.342	4
3	MP3A	Mx	-.015	4
4	MP3B	X	-15.786	4
5	MP3B	Z	-27.342	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP3B	Mx	-.001	4
7	MP3C	X	-15.821	4
8	MP3C	Z	-27.402	4
9	MP3C	Mx	.016	4
10	MP3A	X	-15.786	4
11	MP3A	Z	-27.342	4
12	MP3A	Mx	-.001	4
13	MP3B	X	-15.786	4
14	MP3B	Z	-27.342	4
15	MP3B	Mx	-.015	4
16	MP3C	X	-15.821	4
17	MP3C	Z	-27.402	4
18	MP3C	Mx	.016	4
19	MP3A	X	-64.062	.5
20	MP3A	Z	-110.959	.5
21	MP3A	Mx	.097	.5
22	MP3A	X	-64.062	5.5
23	MP3A	Z	-110.959	5.5
24	MP3A	Mx	.097	5.5
25	MP3B	X	-64.062	.5
26	MP3B	Z	-110.959	.5
27	MP3B	Mx	.097	.5
28	MP3B	X	-64.062	5.5
29	MP3B	Z	-110.959	5.5
30	MP3B	Mx	.097	5.5
31	MP3C	X	-55.867	.5
32	MP3C	Z	-96.765	.5
33	MP3C	Mx	-.056	.5
34	MP3C	X	-55.867	5.5
35	MP3C	Z	-96.765	5.5
36	MP3C	Mx	-.056	5.5
37	MP3A	X	-64.062	.5
38	MP3A	Z	-110.959	.5
39	MP3A	Mx	-.033	.5
40	MP3A	X	-64.062	5.5
41	MP3A	Z	-110.959	5.5
42	MP3A	Mx	-.033	5.5
43	MP3B	X	-64.062	.5
44	MP3B	Z	-110.959	.5
45	MP3B	Mx	-.033	.5
46	MP3B	X	-64.062	5.5
47	MP3B	Z	-110.959	5.5
48	MP3B	Mx	-.033	5.5
49	MP3C	X	-55.867	.5
50	MP3C	Z	-96.765	.5
51	MP3C	Mx	-.056	.5
52	MP3C	X	-55.867	5.5
53	MP3C	Z	-96.765	5.5
54	MP3C	Mx	-.056	5.5
55	MP1A	X	-26.927	2
56	MP1A	Z	-46.639	2
57	MP1A	Mx	.013	2
58	MP1A	X	-26.927	4
59	MP1A	Z	-46.639	4
60	MP1A	Mx	.013	4
61	MP1B	X	-26.927	2
62	MP1B	Z	-46.639	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1B	Mx	.013	2
64	MP1B	X	-26.927	4
65	MP1B	Z	-46.639	4
66	MP1B	Mx	.013	4
67	MP1C	X	-11.091	2
68	MP1C	Z	-19.211	2
69	MP1C	Mx	-.011	2
70	MP1C	X	-11.091	4
71	MP1C	Z	-19.211	4
72	MP1C	Mx	-.011	4
73	OVP1	X	-66.712	1
74	OVP1	Z	-115.548	1
75	OVP1	Mx	0	1
76	MP3A	X	-23.374	1.5
77	MP3A	Z	-40.485	1.5
78	MP3A	Mx	.012	1.5
79	MP3B	X	-23.374	1.5
80	MP3B	Z	-40.485	1.5
81	MP3B	Mx	.012	1.5
82	MP3C	X	-17.089	1.5
83	MP3C	Z	-29.599	1.5
84	MP3C	Mx	-.017	1.5
85	MP2A	X	-22.593	1.5
86	MP2A	Z	-39.133	1.5
87	MP2A	Mx	-.011	1.5
88	MP2B	X	-22.593	1.5
89	MP2B	Z	-39.133	1.5
90	MP2B	Mx	-.011	1.5
91	MP2C	X	-13.967	1.5
92	MP2C	Z	-24.191	1.5
93	MP2C	Mx	.014	1.5
94	MP4A	X	-61.444	.5
95	MP4A	Z	-106.425	.5
96	MP4A	Mx	.031	.5
97	MP4A	X	-61.444	5.5
98	MP4A	Z	-106.425	5.5
99	MP4A	Mx	.031	5.5
100	MP4B	X	-61.444	.5
101	MP4B	Z	-106.425	.5
102	MP4B	Mx	.031	.5
103	MP4B	X	-61.444	5.5
104	MP4B	Z	-106.425	5.5
105	MP4B	Mx	.031	5.5
106	MP4C	X	-44.409	.5
107	MP4C	Z	-76.919	.5
108	MP4C	Mx	-.044	.5
109	MP4C	X	-44.409	5.5
110	MP4C	Z	-76.919	5.5
111	MP4C	Mx	-.044	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	4
2	MP3A	Z	-2.637	4
3	MP3A	Mx	-.000659	4
4	MP3B	X	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP3B	Z	-5.914	4
6	MP3B	Mx	-.002	4
7	MP3C	X	0	4
8	MP3C	Z	-5.914	4
9	MP3C	Mx	.003	4
10	MP3A	X	0	4
11	MP3A	Z	-2.637	4
12	MP3A	Mx	.000659	4
13	MP3B	X	0	4
14	MP3B	Z	-5.914	4
15	MP3B	Mx	-.003	4
16	MP3C	X	0	4
17	MP3C	Z	-5.914	4
18	MP3C	Mx	.002	4
19	MP3A	X	0	.5
20	MP3A	Z	-25.572	.5
21	MP3A	Mx	.015	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-25.572	5.5
24	MP3A	Mx	.015	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-22.666	.5
27	MP3B	Mx	.016	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-22.666	5.5
30	MP3B	Mx	.016	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-22.666	.5
33	MP3C	Mx	-.003	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-22.666	5.5
36	MP3C	Mx	-.003	5.5
37	MP3A	X	0	.5
38	MP3A	Z	-25.572	.5
39	MP3A	Mx	-.015	.5
40	MP3A	X	0	5.5
41	MP3A	Z	-25.572	5.5
42	MP3A	Mx	-.015	5.5
43	MP3B	X	0	.5
44	MP3B	Z	-22.666	.5
45	MP3B	Mx	.003	.5
46	MP3B	X	0	5.5
47	MP3B	Z	-22.666	5.5
48	MP3B	Mx	.003	5.5
49	MP3C	X	0	.5
50	MP3C	Z	-22.666	.5
51	MP3C	Mx	-.016	.5
52	MP3C	X	0	5.5
53	MP3C	Z	-22.666	5.5
54	MP3C	Mx	-.016	5.5
55	MP1A	X	0	2
56	MP1A	Z	-15.136	2
57	MP1A	Mx	0	2
58	MP1A	X	0	4
59	MP1A	Z	-15.136	4
60	MP1A	Mx	0	4
61	MP1B	X	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP1B	Z	-8.617	2
63	MP1B	Mx	.004	2
64	MP1B	X	0	4
65	MP1B	Z	-8.617	4
66	MP1B	Mx	.004	4
67	MP1C	X	0	2
68	MP1C	Z	-8.617	2
69	MP1C	Mx	-.004	2
70	MP1C	X	0	4
71	MP1C	Z	-8.617	4
72	MP1C	Mx	-.004	4
73	OVP1	X	0	1
74	OVP1	Z	-24.785	1
75	OVP1	Mx	0	1
76	MP3A	X	0	1.5
77	MP3A	Z	-8.868	1.5
78	MP3A	Mx	0	1.5
79	MP3B	X	0	1.5
80	MP3B	Z	-11.781	1.5
81	MP3B	Mx	.005	1.5
82	MP3C	X	0	1.5
83	MP3C	Z	-11.781	1.5
84	MP3C	Mx	-.005	1.5
85	MP2A	X	0	1.5
86	MP2A	Z	-7.392	1.5
87	MP2A	Mx	0	1.5
88	MP2B	X	0	1.5
89	MP2B	Z	-11.412	1.5
90	MP2B	Mx	-.005	1.5
91	MP2C	X	0	1.5
92	MP2C	Z	-11.412	1.5
93	MP2C	Mx	.005	1.5
94	MP4A	X	0	.5
95	MP4A	Z	-25.695	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	-25.695	5.5
99	MP4A	Mx	0	5.5
100	MP4B	X	0	.5
101	MP4B	Z	-19.711	.5
102	MP4B	Mx	.009	.5
103	MP4B	X	0	5.5
104	MP4B	Z	-19.711	5.5
105	MP4B	Mx	.009	5.5
106	MP4C	X	0	.5
107	MP4C	Z	-19.711	.5
108	MP4C	Mx	-.009	.5
109	MP4C	X	0	5.5
110	MP4C	Z	-19.711	5.5
111	MP4C	Mx	-.009	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.865	4
2	MP3A	Z	-3.23	4
3	MP3A	Mx	.000125	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3B	X	3.504	4
5	MP3B	Z	-6.068	4
6	MP3B	Mx	-.004	4
7	MP3C	X	1.865	4
8	MP3C	Z	-3.23	4
9	MP3C	Mx	.002	4
10	MP3A	X	1.865	4
11	MP3A	Z	-3.23	4
12	MP3A	Mx	.002	4
13	MP3B	X	3.504	4
14	MP3B	Z	-6.068	4
15	MP3B	Mx	-.004	4
16	MP3C	X	1.865	4
17	MP3C	Z	-3.23	4
18	MP3C	Mx	.000125	4
19	MP3A	X	12.302	.5
20	MP3A	Z	-21.307	.5
21	MP3A	Mx	.006	.5
22	MP3A	X	12.302	5.5
23	MP3A	Z	-21.307	5.5
24	MP3A	Mx	.006	5.5
25	MP3B	X	10.849	.5
26	MP3B	Z	-18.791	.5
27	MP3B	Mx	.011	.5
28	MP3B	X	10.849	5.5
29	MP3B	Z	-18.791	5.5
30	MP3B	Mx	.011	5.5
31	MP3C	X	12.302	.5
32	MP3C	Z	-21.307	.5
33	MP3C	Mx	.006	.5
34	MP3C	X	12.302	5.5
35	MP3C	Z	-21.307	5.5
36	MP3C	Mx	.006	5.5
37	MP3A	X	12.302	.5
38	MP3A	Z	-21.307	.5
39	MP3A	Mx	-.019	.5
40	MP3A	X	12.302	5.5
41	MP3A	Z	-21.307	5.5
42	MP3A	Mx	-.019	5.5
43	MP3B	X	10.849	.5
44	MP3B	Z	-18.791	.5
45	MP3B	Mx	.011	.5
46	MP3B	X	10.849	5.5
47	MP3B	Z	-18.791	5.5
48	MP3B	Mx	.011	5.5
49	MP3C	X	12.302	.5
50	MP3C	Z	-21.307	.5
51	MP3C	Mx	-.019	.5
52	MP3C	X	12.302	5.5
53	MP3C	Z	-21.307	5.5
54	MP3C	Mx	-.019	5.5
55	MP1A	X	6.481	2
56	MP1A	Z	-11.226	2
57	MP1A	Mx	-.003	2
58	MP1A	X	6.481	4
59	MP1A	Z	-11.226	4
60	MP1A	Mx	-.003	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP1B	X	3.222	2
62	MP1B	Z	-5.581	2
63	MP1B	Mx	.003	2
64	MP1B	X	3.222	4
65	MP1B	Z	-5.581	4
66	MP1B	Mx	.003	4
67	MP1C	X	6.481	2
68	MP1C	Z	-11.226	2
69	MP1C	Mx	-.003	2
70	MP1C	X	6.481	4
71	MP1C	Z	-11.226	4
72	MP1C	Mx	-.003	4
73	OVP1	X	10.963	1
74	OVP1	Z	-18.989	1
75	OVP1	Mx	0	1
76	MP3A	X	4.92	1.5
77	MP3A	Z	-8.521	1.5
78	MP3A	Mx	-.002	1.5
79	MP3B	X	6.376	1.5
80	MP3B	Z	-11.044	1.5
81	MP3B	Mx	.006	1.5
82	MP3C	X	4.92	1.5
83	MP3C	Z	-8.521	1.5
84	MP3C	Mx	-.002	1.5
85	MP2A	X	4.366	1.5
86	MP2A	Z	-7.562	1.5
87	MP2A	Mx	.002	1.5
88	MP2B	X	6.376	1.5
89	MP2B	Z	-11.044	1.5
90	MP2B	Mx	-.006	1.5
91	MP2C	X	4.366	1.5
92	MP2C	Z	-7.562	1.5
93	MP2C	Mx	.002	1.5
94	MP4A	X	11.85	.5
95	MP4A	Z	-20.525	.5
96	MP4A	Mx	-.006	.5
97	MP4A	X	11.85	5.5
98	MP4A	Z	-20.525	5.5
99	MP4A	Mx	-.006	5.5
100	MP4B	X	8.858	.5
101	MP4B	Z	-15.343	.5
102	MP4B	Mx	.009	.5
103	MP4B	X	8.858	5.5
104	MP4B	Z	-15.343	5.5
105	MP4B	Mx	.009	5.5
106	MP4C	X	11.85	.5
107	MP4C	Z	-20.525	.5
108	MP4C	Mx	-.006	.5
109	MP4C	X	11.85	5.5
110	MP4C	Z	-20.525	5.5
111	MP4C	Mx	-.006	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	5.122	4
2	MP3A	Z	-2.957	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	Mx	.002	4
4	MP3B	X	5.122	4
5	MP3B	Z	-2.957	4
6	MP3B	Mx	-.003	4
7	MP3C	X	2.283	4
8	MP3C	Z	-1.318	4
9	MP3C	Mx	.000659	4
10	MP3A	X	5.122	4
11	MP3A	Z	-2.957	4
12	MP3A	Mx	.003	4
13	MP3B	X	5.122	4
14	MP3B	Z	-2.957	4
15	MP3B	Mx	-.002	4
16	MP3C	X	2.283	4
17	MP3C	Z	-1.318	4
18	MP3C	Mx	-.000659	4
19	MP3A	X	19.629	.5
20	MP3A	Z	-11.333	.5
21	MP3A	Mx	-.003	.5
22	MP3A	X	19.629	5.5
23	MP3A	Z	-11.333	5.5
24	MP3A	Mx	-.003	5.5
25	MP3B	X	19.629	.5
26	MP3B	Z	-11.333	.5
27	MP3B	Mx	.003	.5
28	MP3B	X	19.629	5.5
29	MP3B	Z	-11.333	5.5
30	MP3B	Mx	.003	5.5
31	MP3C	X	22.146	.5
32	MP3C	Z	-12.786	.5
33	MP3C	Mx	.015	.5
34	MP3C	X	22.146	5.5
35	MP3C	Z	-12.786	5.5
36	MP3C	Mx	.015	5.5
37	MP3A	X	19.629	.5
38	MP3A	Z	-11.333	.5
39	MP3A	Mx	-.016	.5
40	MP3A	X	19.629	5.5
41	MP3A	Z	-11.333	5.5
42	MP3A	Mx	-.016	5.5
43	MP3B	X	19.629	.5
44	MP3B	Z	-11.333	.5
45	MP3B	Mx	.016	.5
46	MP3B	X	19.629	5.5
47	MP3B	Z	-11.333	5.5
48	MP3B	Mx	.016	5.5
49	MP3C	X	22.146	.5
50	MP3C	Z	-12.786	.5
51	MP3C	Mx	-.015	.5
52	MP3C	X	22.146	5.5
53	MP3C	Z	-12.786	5.5
54	MP3C	Mx	-.015	5.5
55	MP1A	X	7.462	2
56	MP1A	Z	-4.308	2
57	MP1A	Mx	-.004	2
58	MP1A	X	7.462	4
59	MP1A	Z	-4.308	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1A	Mx	-.004	4
61	MP1B	X	7.462	2
62	MP1B	Z	-4.308	2
63	MP1B	Mx	.004	2
64	MP1B	X	7.462	4
65	MP1B	Z	-4.308	4
66	MP1B	Mx	.004	4
67	MP1C	X	13.108	2
68	MP1C	Z	-7.568	2
69	MP1C	Mx	0	2
70	MP1C	X	13.108	4
71	MP1C	Z	-7.568	4
72	MP1C	Mx	0	4
73	OVP1	X	17.751	1
74	OVP1	Z	-10.248	1
75	OVP1	Mx	0	1
76	MP3A	X	10.203	1.5
77	MP3A	Z	-5.891	1.5
78	MP3A	Mx	-.005	1.5
79	MP3B	X	10.203	1.5
80	MP3B	Z	-5.891	1.5
81	MP3B	Mx	.005	1.5
82	MP3C	X	7.68	1.5
83	MP3C	Z	-4.434	1.5
84	MP3C	Mx	0	1.5
85	MP2A	X	9.883	1.5
86	MP2A	Z	-5.706	1.5
87	MP2A	Mx	.005	1.5
88	MP2B	X	9.883	1.5
89	MP2B	Z	-5.706	1.5
90	MP2B	Mx	-.005	1.5
91	MP2C	X	6.402	1.5
92	MP2C	Z	-3.696	1.5
93	MP2C	Mx	0	1.5
94	MP4A	X	17.071	.5
95	MP4A	Z	-9.856	.5
96	MP4A	Mx	-.009	.5
97	MP4A	X	17.071	5.5
98	MP4A	Z	-9.856	5.5
99	MP4A	Mx	-.009	5.5
100	MP4B	X	17.071	.5
101	MP4B	Z	-9.856	.5
102	MP4B	Mx	.009	.5
103	MP4B	X	17.071	5.5
104	MP4B	Z	-9.856	5.5
105	MP4B	Mx	.009	5.5
106	MP4C	X	22.252	.5
107	MP4C	Z	-12.847	.5
108	MP4C	Mx	0	.5
109	MP4C	X	22.252	5.5
110	MP4C	Z	-12.847	5.5
111	MP4C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	7.007	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP3A	Z	0	4
3	MP3A	Mx	.004	4
4	MP3B	X	3.729	4
5	MP3B	Z	0	4
6	MP3B	Mx	-.002	4
7	MP3C	X	3.729	4
8	MP3C	Z	0	4
9	MP3C	Mx	-.000125	4
10	MP3A	X	7.007	4
11	MP3A	Z	0	4
12	MP3A	Mx	.004	4
13	MP3B	X	3.729	4
14	MP3B	Z	0	4
15	MP3B	Mx	-.000125	4
16	MP3C	X	3.729	4
17	MP3C	Z	0	4
18	MP3C	Mx	-.002	4
19	MP3A	X	21.698	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.011	.5
22	MP3A	X	21.698	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.011	5.5
25	MP3B	X	24.603	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.006	.5
28	MP3B	X	24.603	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.006	5.5
31	MP3C	X	24.603	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.019	.5
34	MP3C	X	24.603	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.019	5.5
37	MP3A	X	21.698	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	-.011	.5
40	MP3A	X	21.698	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	-.011	5.5
43	MP3B	X	24.603	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	.019	.5
46	MP3B	X	24.603	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	.019	5.5
49	MP3C	X	24.603	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	-.006	.5
52	MP3C	X	24.603	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	-.006	5.5
55	MP1A	X	6.444	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.003	2
58	MP1A	X	6.444	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP1A	Z	0	4
60	MP1A	Mx	-.003	4
61	MP1B	X	12.963	2
62	MP1B	Z	0	2
63	MP1B	Mx	.003	2
64	MP1B	X	12.963	4
65	MP1B	Z	0	4
66	MP1B	Mx	.003	4
67	MP1C	X	12.963	2
68	MP1C	Z	0	2
69	MP1C	Mx	.003	2
70	MP1C	X	12.963	4
71	MP1C	Z	0	4
72	MP1C	Mx	.003	4
73	OVP1	X	21.926	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	MP3A	X	12.752	1.5
77	MP3A	Z	0	1.5
78	MP3A	Mx	-.006	1.5
79	MP3B	X	9.839	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	.002	1.5
82	MP3C	X	9.839	1.5
83	MP3C	Z	0	1.5
84	MP3C	Mx	.002	1.5
85	MP2A	X	12.752	1.5
86	MP2A	Z	0	1.5
87	MP2A	Mx	.006	1.5
88	MP2B	X	8.732	1.5
89	MP2B	Z	0	1.5
90	MP2B	Mx	-.002	1.5
91	MP2C	X	8.732	1.5
92	MP2C	Z	0	1.5
93	MP2C	Mx	-.002	1.5
94	MP4A	X	17.717	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	-.009	.5
97	MP4A	X	17.717	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	-.009	5.5
100	MP4B	X	23.7	.5
101	MP4B	Z	0	.5
102	MP4B	Mx	.006	.5
103	MP4B	X	23.7	5.5
104	MP4B	Z	0	5.5
105	MP4B	Mx	.006	5.5
106	MP4C	X	23.7	.5
107	MP4C	Z	0	.5
108	MP4C	Mx	.006	.5
109	MP4C	X	23.7	5.5
110	MP4C	Z	0	5.5
111	MP4C	Mx	.006	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	5.122	4
2	MP3A	Z	2.957	4
3	MP3A	Mx	.003	4
4	MP3B	X	2.283	4
5	MP3B	Z	1.318	4
6	MP3B	Mx	-.000659	4
7	MP3C	X	5.122	4
8	MP3C	Z	2.957	4
9	MP3C	Mx	-.002	4
10	MP3A	X	5.122	4
11	MP3A	Z	2.957	4
12	MP3A	Mx	.002	4
13	MP3B	X	2.283	4
14	MP3B	Z	1.318	4
15	MP3B	Mx	.000659	4
16	MP3C	X	5.122	4
17	MP3C	Z	2.957	4
18	MP3C	Mx	-.003	4
19	MP3A	X	19.629	.5
20	MP3A	Z	11.333	.5
21	MP3A	Mx	-.016	.5
22	MP3A	X	19.629	5.5
23	MP3A	Z	11.333	5.5
24	MP3A	Mx	-.016	5.5
25	MP3B	X	22.146	.5
26	MP3B	Z	12.786	.5
27	MP3B	Mx	-.015	.5
28	MP3B	X	22.146	5.5
29	MP3B	Z	12.786	5.5
30	MP3B	Mx	-.015	5.5
31	MP3C	X	19.629	.5
32	MP3C	Z	11.333	.5
33	MP3C	Mx	.016	.5
34	MP3C	X	19.629	5.5
35	MP3C	Z	11.333	5.5
36	MP3C	Mx	.016	5.5
37	MP3A	X	19.629	.5
38	MP3A	Z	11.333	.5
39	MP3A	Mx	-.003	.5
40	MP3A	X	19.629	5.5
41	MP3A	Z	11.333	5.5
42	MP3A	Mx	-.003	5.5
43	MP3B	X	22.146	.5
44	MP3B	Z	12.786	.5
45	MP3B	Mx	.015	.5
46	MP3B	X	22.146	5.5
47	MP3B	Z	12.786	5.5
48	MP3B	Mx	.015	5.5
49	MP3C	X	19.629	.5
50	MP3C	Z	11.333	.5
51	MP3C	Mx	.003	.5
52	MP3C	X	19.629	5.5
53	MP3C	Z	11.333	5.5
54	MP3C	Mx	.003	5.5
55	MP1A	X	7.462	2
56	MP1A	Z	4.308	2
57	MP1A	Mx	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	7.462	4
59	MP1A	Z	4.308	4
60	MP1A	Mx	-.004	4
61	MP1B	X	13.108	2
62	MP1B	Z	7.568	2
63	MP1B	Mx	0	2
64	MP1B	X	13.108	4
65	MP1B	Z	7.568	4
66	MP1B	Mx	0	4
67	MP1C	X	7.462	2
68	MP1C	Z	4.308	2
69	MP1C	Mx	.004	2
70	MP1C	X	7.462	4
71	MP1C	Z	4.308	4
72	MP1C	Mx	.004	4
73	OVP1	X	21.465	1
74	OVP1	Z	12.393	1
75	OVP1	Mx	0	1
76	MP3A	X	10.203	1.5
77	MP3A	Z	5.891	1.5
78	MP3A	Mx	-.005	1.5
79	MP3B	X	7.68	1.5
80	MP3B	Z	4.434	1.5
81	MP3B	Mx	0	1.5
82	MP3C	X	10.203	1.5
83	MP3C	Z	5.891	1.5
84	MP3C	Mx	.005	1.5
85	MP2A	X	9.883	1.5
86	MP2A	Z	5.706	1.5
87	MP2A	Mx	.005	1.5
88	MP2B	X	6.402	1.5
89	MP2B	Z	3.696	1.5
90	MP2B	Mx	0	1.5
91	MP2C	X	9.883	1.5
92	MP2C	Z	5.706	1.5
93	MP2C	Mx	-.005	1.5
94	MP4A	X	17.071	.5
95	MP4A	Z	9.856	.5
96	MP4A	Mx	-.009	.5
97	MP4A	X	17.071	5.5
98	MP4A	Z	9.856	5.5
99	MP4A	Mx	-.009	5.5
100	MP4B	X	22.252	.5
101	MP4B	Z	12.847	.5
102	MP4B	Mx	0	.5
103	MP4B	X	22.252	5.5
104	MP4B	Z	12.847	5.5
105	MP4B	Mx	0	5.5
106	MP4C	X	17.071	.5
107	MP4C	Z	9.856	.5
108	MP4C	Mx	.009	.5
109	MP4C	X	17.071	5.5
110	MP4C	Z	9.856	5.5
111	MP4C	Mx	.009	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.865	4
2	MP3A	Z	3.23	4
3	MP3A	Mx	.002	4
4	MP3B	X	1.865	4
5	MP3B	Z	3.23	4
6	MP3B	Mx	.000125	4
7	MP3C	X	3.504	4
8	MP3C	Z	6.068	4
9	MP3C	Mx	-.004	4
10	MP3A	X	1.865	4
11	MP3A	Z	3.23	4
12	MP3A	Mx	.000125	4
13	MP3B	X	1.865	4
14	MP3B	Z	3.23	4
15	MP3B	Mx	.002	4
16	MP3C	X	3.504	4
17	MP3C	Z	6.068	4
18	MP3C	Mx	-.004	4
19	MP3A	X	12.302	.5
20	MP3A	Z	21.307	.5
21	MP3A	Mx	-.019	.5
22	MP3A	X	12.302	5.5
23	MP3A	Z	21.307	5.5
24	MP3A	Mx	-.019	5.5
25	MP3B	X	12.302	.5
26	MP3B	Z	21.307	.5
27	MP3B	Mx	-.019	.5
28	MP3B	X	12.302	5.5
29	MP3B	Z	21.307	5.5
30	MP3B	Mx	-.019	5.5
31	MP3C	X	10.849	.5
32	MP3C	Z	18.791	.5
33	MP3C	Mx	.011	.5
34	MP3C	X	10.849	5.5
35	MP3C	Z	18.791	5.5
36	MP3C	Mx	.011	5.5
37	MP3A	X	12.302	.5
38	MP3A	Z	21.307	.5
39	MP3A	Mx	.006	.5
40	MP3A	X	12.302	5.5
41	MP3A	Z	21.307	5.5
42	MP3A	Mx	.006	5.5
43	MP3B	X	12.302	.5
44	MP3B	Z	21.307	.5
45	MP3B	Mx	.006	.5
46	MP3B	X	12.302	5.5
47	MP3B	Z	21.307	5.5
48	MP3B	Mx	.006	5.5
49	MP3C	X	10.849	.5
50	MP3C	Z	18.791	.5
51	MP3C	Mx	.011	.5
52	MP3C	X	10.849	5.5
53	MP3C	Z	18.791	5.5
54	MP3C	Mx	.011	5.5
55	MP1A	X	6.481	2
56	MP1A	Z	11.226	2
57	MP1A	Mx	-.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	6.481	4
59	MP1A	Z	11.226	4
60	MP1A	Mx	-.003	4
61	MP1B	X	6.481	2
62	MP1B	Z	11.226	2
63	MP1B	Mx	-.003	2
64	MP1B	X	6.481	4
65	MP1B	Z	11.226	4
66	MP1B	Mx	-.003	4
67	MP1C	X	3.222	2
68	MP1C	Z	5.581	2
69	MP1C	Mx	.003	2
70	MP1C	X	3.222	4
71	MP1C	Z	5.581	4
72	MP1C	Mx	.003	4
73	OVP1	X	13.107	1
74	OVP1	Z	22.703	1
75	OVP1	Mx	0	1
76	MP3A	X	4.92	1.5
77	MP3A	Z	8.521	1.5
78	MP3A	Mx	-.002	1.5
79	MP3B	X	4.92	1.5
80	MP3B	Z	8.521	1.5
81	MP3B	Mx	-.002	1.5
82	MP3C	X	6.376	1.5
83	MP3C	Z	11.044	1.5
84	MP3C	Mx	.006	1.5
85	MP2A	X	4.366	1.5
86	MP2A	Z	7.562	1.5
87	MP2A	Mx	.002	1.5
88	MP2B	X	4.366	1.5
89	MP2B	Z	7.562	1.5
90	MP2B	Mx	.002	1.5
91	MP2C	X	6.376	1.5
92	MP2C	Z	11.044	1.5
93	MP2C	Mx	-.006	1.5
94	MP4A	X	11.85	.5
95	MP4A	Z	20.525	.5
96	MP4A	Mx	-.006	.5
97	MP4A	X	11.85	5.5
98	MP4A	Z	20.525	5.5
99	MP4A	Mx	-.006	5.5
100	MP4B	X	11.85	.5
101	MP4B	Z	20.525	.5
102	MP4B	Mx	-.006	.5
103	MP4B	X	11.85	5.5
104	MP4B	Z	20.525	5.5
105	MP4B	Mx	-.006	5.5
106	MP4C	X	8.858	.5
107	MP4C	Z	15.343	.5
108	MP4C	Mx	.009	.5
109	MP4C	X	8.858	5.5
110	MP4C	Z	15.343	5.5
111	MP4C	Mx	.009	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	4
2	MP3A	Z	2.637	4
3	MP3A	Mx	.000659	4
4	MP3B	X	0	4
5	MP3B	Z	5.914	4
6	MP3B	Mx	.002	4
7	MP3C	X	0	4
8	MP3C	Z	5.914	4
9	MP3C	Mx	-.003	4
10	MP3A	X	0	4
11	MP3A	Z	2.637	4
12	MP3A	Mx	-.000659	4
13	MP3B	X	0	4
14	MP3B	Z	5.914	4
15	MP3B	Mx	.003	4
16	MP3C	X	0	4
17	MP3C	Z	5.914	4
18	MP3C	Mx	-.002	4
19	MP3A	X	0	.5
20	MP3A	Z	25.572	.5
21	MP3A	Mx	-.015	.5
22	MP3A	X	0	5.5
23	MP3A	Z	25.572	5.5
24	MP3A	Mx	-.015	5.5
25	MP3B	X	0	.5
26	MP3B	Z	22.666	.5
27	MP3B	Mx	-.016	.5
28	MP3B	X	0	5.5
29	MP3B	Z	22.666	5.5
30	MP3B	Mx	-.016	5.5
31	MP3C	X	0	.5
32	MP3C	Z	22.666	.5
33	MP3C	Mx	.003	.5
34	MP3C	X	0	5.5
35	MP3C	Z	22.666	5.5
36	MP3C	Mx	.003	5.5
37	MP3A	X	0	.5
38	MP3A	Z	25.572	.5
39	MP3A	Mx	.015	.5
40	MP3A	X	0	5.5
41	MP3A	Z	25.572	5.5
42	MP3A	Mx	.015	5.5
43	MP3B	X	0	.5
44	MP3B	Z	22.666	.5
45	MP3B	Mx	-.003	.5
46	MP3B	X	0	5.5
47	MP3B	Z	22.666	5.5
48	MP3B	Mx	-.003	5.5
49	MP3C	X	0	.5
50	MP3C	Z	22.666	.5
51	MP3C	Mx	.016	.5
52	MP3C	X	0	5.5
53	MP3C	Z	22.666	5.5
54	MP3C	Mx	.016	5.5
55	MP1A	X	0	2
56	MP1A	Z	15.136	2
57	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	4
59	MP1A	Z	15.136	4
60	MP1A	Mx	0	4
61	MP1B	X	0	2
62	MP1B	Z	8.617	2
63	MP1B	Mx	-.004	2
64	MP1B	X	0	4
65	MP1B	Z	8.617	4
66	MP1B	Mx	-.004	4
67	MP1C	X	0	2
68	MP1C	Z	8.617	2
69	MP1C	Mx	.004	2
70	MP1C	X	0	4
71	MP1C	Z	8.617	4
72	MP1C	Mx	.004	4
73	OVP1	X	0	1
74	OVP1	Z	24.785	1
75	OVP1	Mx	0	1
76	MP3A	X	0	1.5
77	MP3A	Z	8.868	1.5
78	MP3A	Mx	0	1.5
79	MP3B	X	0	1.5
80	MP3B	Z	11.781	1.5
81	MP3B	Mx	-.005	1.5
82	MP3C	X	0	1.5
83	MP3C	Z	11.781	1.5
84	MP3C	Mx	.005	1.5
85	MP2A	X	0	1.5
86	MP2A	Z	7.392	1.5
87	MP2A	Mx	0	1.5
88	MP2B	X	0	1.5
89	MP2B	Z	11.412	1.5
90	MP2B	Mx	.005	1.5
91	MP2C	X	0	1.5
92	MP2C	Z	11.412	1.5
93	MP2C	Mx	-.005	1.5
94	MP4A	X	0	.5
95	MP4A	Z	25.695	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	25.695	5.5
99	MP4A	Mx	0	5.5
100	MP4B	X	0	.5
101	MP4B	Z	19.711	.5
102	MP4B	Mx	-.009	.5
103	MP4B	X	0	5.5
104	MP4B	Z	19.711	5.5
105	MP4B	Mx	-.009	5.5
106	MP4C	X	0	.5
107	MP4C	Z	19.711	.5
108	MP4C	Mx	.009	.5
109	MP4C	X	0	5.5
110	MP4C	Z	19.711	5.5
111	MP4C	Mx	.009	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.865	4
2	MP3A	Z	3.23	4
3	MP3A	Mx	-.000125	4
4	MP3B	X	-3.504	4
5	MP3B	Z	6.068	4
6	MP3B	Mx	.004	4
7	MP3C	X	-1.865	4
8	MP3C	Z	3.23	4
9	MP3C	Mx	-.002	4
10	MP3A	X	-1.865	4
11	MP3A	Z	3.23	4
12	MP3A	Mx	-.002	4
13	MP3B	X	-3.504	4
14	MP3B	Z	6.068	4
15	MP3B	Mx	.004	4
16	MP3C	X	-1.865	4
17	MP3C	Z	3.23	4
18	MP3C	Mx	-.000125	4
19	MP3A	X	-12.302	.5
20	MP3A	Z	21.307	.5
21	MP3A	Mx	-.006	.5
22	MP3A	X	-12.302	5.5
23	MP3A	Z	21.307	5.5
24	MP3A	Mx	-.006	5.5
25	MP3B	X	-10.849	.5
26	MP3B	Z	18.791	.5
27	MP3B	Mx	-.011	.5
28	MP3B	X	-10.849	5.5
29	MP3B	Z	18.791	5.5
30	MP3B	Mx	-.011	5.5
31	MP3C	X	-12.302	.5
32	MP3C	Z	21.307	.5
33	MP3C	Mx	-.006	.5
34	MP3C	X	-12.302	5.5
35	MP3C	Z	21.307	5.5
36	MP3C	Mx	-.006	5.5
37	MP3A	X	-12.302	.5
38	MP3A	Z	21.307	.5
39	MP3A	Mx	.019	.5
40	MP3A	X	-12.302	5.5
41	MP3A	Z	21.307	5.5
42	MP3A	Mx	.019	5.5
43	MP3B	X	-10.849	.5
44	MP3B	Z	18.791	.5
45	MP3B	Mx	-.011	.5
46	MP3B	X	-10.849	5.5
47	MP3B	Z	18.791	5.5
48	MP3B	Mx	-.011	5.5
49	MP3C	X	-12.302	.5
50	MP3C	Z	21.307	.5
51	MP3C	Mx	.019	.5
52	MP3C	X	-12.302	5.5
53	MP3C	Z	21.307	5.5
54	MP3C	Mx	.019	5.5
55	MP1A	X	-6.481	2
56	MP1A	Z	11.226	2
57	MP1A	Mx	.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-6.481	4
59	MP1A	Z	11.226	4
60	MP1A	Mx	.003	4
61	MP1B	X	-3.222	2
62	MP1B	Z	5.581	2
63	MP1B	Mx	-.003	2
64	MP1B	X	-3.222	4
65	MP1B	Z	5.581	4
66	MP1B	Mx	-.003	4
67	MP1C	X	-6.481	2
68	MP1C	Z	11.226	2
69	MP1C	Mx	.003	2
70	MP1C	X	-6.481	4
71	MP1C	Z	11.226	4
72	MP1C	Mx	.003	4
73	OVP1	X	-10.963	1
74	OVP1	Z	18.989	1
75	OVP1	Mx	0	1
76	MP3A	X	-4.92	1.5
77	MP3A	Z	8.521	1.5
78	MP3A	Mx	.002	1.5
79	MP3B	X	-6.376	1.5
80	MP3B	Z	11.044	1.5
81	MP3B	Mx	-.006	1.5
82	MP3C	X	-4.92	1.5
83	MP3C	Z	8.521	1.5
84	MP3C	Mx	.002	1.5
85	MP2A	X	-4.366	1.5
86	MP2A	Z	7.562	1.5
87	MP2A	Mx	-.002	1.5
88	MP2B	X	-6.376	1.5
89	MP2B	Z	11.044	1.5
90	MP2B	Mx	.006	1.5
91	MP2C	X	-4.366	1.5
92	MP2C	Z	7.562	1.5
93	MP2C	Mx	-.002	1.5
94	MP4A	X	-11.85	.5
95	MP4A	Z	20.525	.5
96	MP4A	Mx	.006	.5
97	MP4A	X	-11.85	5.5
98	MP4A	Z	20.525	5.5
99	MP4A	Mx	.006	5.5
100	MP4B	X	-8.858	.5
101	MP4B	Z	15.343	.5
102	MP4B	Mx	-.009	.5
103	MP4B	X	-8.858	5.5
104	MP4B	Z	15.343	5.5
105	MP4B	Mx	-.009	5.5
106	MP4C	X	-11.85	.5
107	MP4C	Z	20.525	.5
108	MP4C	Mx	.006	.5
109	MP4C	X	-11.85	5.5
110	MP4C	Z	20.525	5.5
111	MP4C	Mx	.006	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-5.122	4
2	MP3A	Z	2.957	4
3	MP3A	Mx	-.002	4
4	MP3B	X	-5.122	4
5	MP3B	Z	2.957	4
6	MP3B	Mx	.003	4
7	MP3C	X	-2.283	4
8	MP3C	Z	1.318	4
9	MP3C	Mx	-.000659	4
10	MP3A	X	-5.122	4
11	MP3A	Z	2.957	4
12	MP3A	Mx	-.003	4
13	MP3B	X	-5.122	4
14	MP3B	Z	2.957	4
15	MP3B	Mx	.002	4
16	MP3C	X	-2.283	4
17	MP3C	Z	1.318	4
18	MP3C	Mx	.000659	4
19	MP3A	X	-19.629	.5
20	MP3A	Z	11.333	.5
21	MP3A	Mx	.003	.5
22	MP3A	X	-19.629	5.5
23	MP3A	Z	11.333	5.5
24	MP3A	Mx	.003	5.5
25	MP3B	X	-19.629	.5
26	MP3B	Z	11.333	.5
27	MP3B	Mx	-.003	.5
28	MP3B	X	-19.629	5.5
29	MP3B	Z	11.333	5.5
30	MP3B	Mx	-.003	5.5
31	MP3C	X	-22.146	.5
32	MP3C	Z	12.786	.5
33	MP3C	Mx	-.015	.5
34	MP3C	X	-22.146	5.5
35	MP3C	Z	12.786	5.5
36	MP3C	Mx	-.015	5.5
37	MP3A	X	-19.629	.5
38	MP3A	Z	11.333	.5
39	MP3A	Mx	.016	.5
40	MP3A	X	-19.629	5.5
41	MP3A	Z	11.333	5.5
42	MP3A	Mx	.016	5.5
43	MP3B	X	-19.629	.5
44	MP3B	Z	11.333	.5
45	MP3B	Mx	-.016	.5
46	MP3B	X	-19.629	5.5
47	MP3B	Z	11.333	5.5
48	MP3B	Mx	-.016	5.5
49	MP3C	X	-22.146	.5
50	MP3C	Z	12.786	.5
51	MP3C	Mx	.015	.5
52	MP3C	X	-22.146	5.5
53	MP3C	Z	12.786	5.5
54	MP3C	Mx	.015	5.5
55	MP1A	X	-7.462	2
56	MP1A	Z	4.308	2
57	MP1A	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-7.462	4
59	MP1A	Z	4.308	4
60	MP1A	Mx	.004	4
61	MP1B	X	-7.462	2
62	MP1B	Z	4.308	2
63	MP1B	Mx	-.004	2
64	MP1B	X	-7.462	4
65	MP1B	Z	4.308	4
66	MP1B	Mx	-.004	4
67	MP1C	X	-13.108	2
68	MP1C	Z	7.568	2
69	MP1C	Mx	0	2
70	MP1C	X	-13.108	4
71	MP1C	Z	7.568	4
72	MP1C	Mx	0	4
73	OVP1	X	-17.751	1
74	OVP1	Z	10.248	1
75	OVP1	Mx	0	1
76	MP3A	X	-10.203	1.5
77	MP3A	Z	5.891	1.5
78	MP3A	Mx	.005	1.5
79	MP3B	X	-10.203	1.5
80	MP3B	Z	5.891	1.5
81	MP3B	Mx	-.005	1.5
82	MP3C	X	-7.68	1.5
83	MP3C	Z	4.434	1.5
84	MP3C	Mx	0	1.5
85	MP2A	X	-9.883	1.5
86	MP2A	Z	5.706	1.5
87	MP2A	Mx	-.005	1.5
88	MP2B	X	-9.883	1.5
89	MP2B	Z	5.706	1.5
90	MP2B	Mx	.005	1.5
91	MP2C	X	-6.402	1.5
92	MP2C	Z	3.696	1.5
93	MP2C	Mx	0	1.5
94	MP4A	X	-17.071	.5
95	MP4A	Z	9.856	.5
96	MP4A	Mx	.009	.5
97	MP4A	X	-17.071	5.5
98	MP4A	Z	9.856	5.5
99	MP4A	Mx	.009	5.5
100	MP4B	X	-17.071	.5
101	MP4B	Z	9.856	.5
102	MP4B	Mx	-.009	.5
103	MP4B	X	-17.071	5.5
104	MP4B	Z	9.856	5.5
105	MP4B	Mx	-.009	5.5
106	MP4C	X	-22.252	.5
107	MP4C	Z	12.847	.5
108	MP4C	Mx	0	.5
109	MP4C	X	-22.252	5.5
110	MP4C	Z	12.847	5.5
111	MP4C	Mx	0	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-7.007	4
2	MP3A	Z	0	4
3	MP3A	Mx	-.004	4
4	MP3B	X	-3.729	4
5	MP3B	Z	0	4
6	MP3B	Mx	.002	4
7	MP3C	X	-3.729	4
8	MP3C	Z	0	4
9	MP3C	Mx	.000125	4
10	MP3A	X	-7.007	4
11	MP3A	Z	0	4
12	MP3A	Mx	-.004	4
13	MP3B	X	-3.729	4
14	MP3B	Z	0	4
15	MP3B	Mx	.000125	4
16	MP3C	X	-3.729	4
17	MP3C	Z	0	4
18	MP3C	Mx	.002	4
19	MP3A	X	-21.698	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.011	.5
22	MP3A	X	-21.698	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.011	5.5
25	MP3B	X	-24.603	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.006	.5
28	MP3B	X	-24.603	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.006	5.5
31	MP3C	X	-24.603	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.019	.5
34	MP3C	X	-24.603	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.019	5.5
37	MP3A	X	-21.698	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	.011	.5
40	MP3A	X	-21.698	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	.011	5.5
43	MP3B	X	-24.603	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	-.019	.5
46	MP3B	X	-24.603	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	-.019	5.5
49	MP3C	X	-24.603	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	.006	.5
52	MP3C	X	-24.603	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	.006	5.5
55	MP1A	X	-6.444	2
56	MP1A	Z	0	2
57	MP1A	Mx	.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-6.444	4
59	MP1A	Z	0	4
60	MP1A	Mx	.003	4
61	MP1B	X	-12.963	2
62	MP1B	Z	0	2
63	MP1B	Mx	-.003	2
64	MP1B	X	-12.963	4
65	MP1B	Z	0	4
66	MP1B	Mx	-.003	4
67	MP1C	X	-12.963	2
68	MP1C	Z	0	2
69	MP1C	Mx	-.003	2
70	MP1C	X	-12.963	4
71	MP1C	Z	0	4
72	MP1C	Mx	-.003	4
73	OVP1	X	-21.926	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	MP3A	X	-12.752	1.5
77	MP3A	Z	0	1.5
78	MP3A	Mx	.006	1.5
79	MP3B	X	-9.839	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	-.002	1.5
82	MP3C	X	-9.839	1.5
83	MP3C	Z	0	1.5
84	MP3C	Mx	-.002	1.5
85	MP2A	X	-12.752	1.5
86	MP2A	Z	0	1.5
87	MP2A	Mx	-.006	1.5
88	MP2B	X	-8.732	1.5
89	MP2B	Z	0	1.5
90	MP2B	Mx	.002	1.5
91	MP2C	X	-8.732	1.5
92	MP2C	Z	0	1.5
93	MP2C	Mx	.002	1.5
94	MP4A	X	-17.717	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	.009	.5
97	MP4A	X	-17.717	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	.009	5.5
100	MP4B	X	-23.7	.5
101	MP4B	Z	0	.5
102	MP4B	Mx	-.006	.5
103	MP4B	X	-23.7	5.5
104	MP4B	Z	0	5.5
105	MP4B	Mx	-.006	5.5
106	MP4C	X	-23.7	.5
107	MP4C	Z	0	.5
108	MP4C	Mx	-.006	.5
109	MP4C	X	-23.7	5.5
110	MP4C	Z	0	5.5
111	MP4C	Mx	-.006	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-5.122	4
2	MP3A	Z	-2.957	4
3	MP3A	Mx	-.003	4
4	MP3B	X	-2.283	4
5	MP3B	Z	-1.318	4
6	MP3B	Mx	.000659	4
7	MP3C	X	-5.122	4
8	MP3C	Z	-2.957	4
9	MP3C	Mx	.002	4
10	MP3A	X	-5.122	4
11	MP3A	Z	-2.957	4
12	MP3A	Mx	-.002	4
13	MP3B	X	-2.283	4
14	MP3B	Z	-1.318	4
15	MP3B	Mx	-.000659	4
16	MP3C	X	-5.122	4
17	MP3C	Z	-2.957	4
18	MP3C	Mx	.003	4
19	MP3A	X	-19.629	.5
20	MP3A	Z	-11.333	.5
21	MP3A	Mx	.016	.5
22	MP3A	X	-19.629	5.5
23	MP3A	Z	-11.333	5.5
24	MP3A	Mx	.016	5.5
25	MP3B	X	-22.146	.5
26	MP3B	Z	-12.786	.5
27	MP3B	Mx	.015	.5
28	MP3B	X	-22.146	5.5
29	MP3B	Z	-12.786	5.5
30	MP3B	Mx	.015	5.5
31	MP3C	X	-19.629	.5
32	MP3C	Z	-11.333	.5
33	MP3C	Mx	-.016	.5
34	MP3C	X	-19.629	5.5
35	MP3C	Z	-11.333	5.5
36	MP3C	Mx	-.016	5.5
37	MP3A	X	-19.629	.5
38	MP3A	Z	-11.333	.5
39	MP3A	Mx	.003	.5
40	MP3A	X	-19.629	5.5
41	MP3A	Z	-11.333	5.5
42	MP3A	Mx	.003	5.5
43	MP3B	X	-22.146	.5
44	MP3B	Z	-12.786	.5
45	MP3B	Mx	-.015	.5
46	MP3B	X	-22.146	5.5
47	MP3B	Z	-12.786	5.5
48	MP3B	Mx	-.015	5.5
49	MP3C	X	-19.629	.5
50	MP3C	Z	-11.333	.5
51	MP3C	Mx	-.003	.5
52	MP3C	X	-19.629	5.5
53	MP3C	Z	-11.333	5.5
54	MP3C	Mx	-.003	5.5
55	MP1A	X	-7.462	2
56	MP1A	Z	-4.308	2
57	MP1A	Mx	.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-7.462	4
59	MP1A	Z	-4.308	4
60	MP1A	Mx	.004	4
61	MP1B	X	-13.108	2
62	MP1B	Z	-7.568	2
63	MP1B	Mx	0	2
64	MP1B	X	-13.108	4
65	MP1B	Z	-7.568	4
66	MP1B	Mx	0	4
67	MP1C	X	-7.462	2
68	MP1C	Z	-4.308	2
69	MP1C	Mx	-.004	2
70	MP1C	X	-7.462	4
71	MP1C	Z	-4.308	4
72	MP1C	Mx	-.004	4
73	OVP1	X	-21.465	1
74	OVP1	Z	-12.393	1
75	OVP1	Mx	0	1
76	MP3A	X	-10.203	1.5
77	MP3A	Z	-5.891	1.5
78	MP3A	Mx	.005	1.5
79	MP3B	X	-7.68	1.5
80	MP3B	Z	-4.434	1.5
81	MP3B	Mx	0	1.5
82	MP3C	X	-10.203	1.5
83	MP3C	Z	-5.891	1.5
84	MP3C	Mx	-.005	1.5
85	MP2A	X	-9.883	1.5
86	MP2A	Z	-5.706	1.5
87	MP2A	Mx	-.005	1.5
88	MP2B	X	-6.402	1.5
89	MP2B	Z	-3.696	1.5
90	MP2B	Mx	0	1.5
91	MP2C	X	-9.883	1.5
92	MP2C	Z	-5.706	1.5
93	MP2C	Mx	.005	1.5
94	MP4A	X	-17.071	.5
95	MP4A	Z	-9.856	.5
96	MP4A	Mx	.009	.5
97	MP4A	X	-17.071	5.5
98	MP4A	Z	-9.856	5.5
99	MP4A	Mx	.009	5.5
100	MP4B	X	-22.252	.5
101	MP4B	Z	-12.847	.5
102	MP4B	Mx	0	.5
103	MP4B	X	-22.252	5.5
104	MP4B	Z	-12.847	5.5
105	MP4B	Mx	0	5.5
106	MP4C	X	-17.071	.5
107	MP4C	Z	-9.856	.5
108	MP4C	Mx	-.009	.5
109	MP4C	X	-17.071	5.5
110	MP4C	Z	-9.856	5.5
111	MP4C	Mx	-.009	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.865	4
2	MP3A	Z	-3.23	4
3	MP3A	Mx	-.002	4
4	MP3B	X	-1.865	4
5	MP3B	Z	-3.23	4
6	MP3B	Mx	-.000125	4
7	MP3C	X	-3.504	4
8	MP3C	Z	-6.068	4
9	MP3C	Mx	.004	4
10	MP3A	X	-1.865	4
11	MP3A	Z	-3.23	4
12	MP3A	Mx	-.000125	4
13	MP3B	X	-1.865	4
14	MP3B	Z	-3.23	4
15	MP3B	Mx	-.002	4
16	MP3C	X	-3.504	4
17	MP3C	Z	-6.068	4
18	MP3C	Mx	.004	4
19	MP3A	X	-12.302	.5
20	MP3A	Z	-21.307	.5
21	MP3A	Mx	.019	.5
22	MP3A	X	-12.302	5.5
23	MP3A	Z	-21.307	5.5
24	MP3A	Mx	.019	5.5
25	MP3B	X	-12.302	.5
26	MP3B	Z	-21.307	.5
27	MP3B	Mx	.019	.5
28	MP3B	X	-12.302	5.5
29	MP3B	Z	-21.307	5.5
30	MP3B	Mx	.019	5.5
31	MP3C	X	-10.849	.5
32	MP3C	Z	-18.791	.5
33	MP3C	Mx	-.011	.5
34	MP3C	X	-10.849	5.5
35	MP3C	Z	-18.791	5.5
36	MP3C	Mx	-.011	5.5
37	MP3A	X	-12.302	.5
38	MP3A	Z	-21.307	.5
39	MP3A	Mx	-.006	.5
40	MP3A	X	-12.302	5.5
41	MP3A	Z	-21.307	5.5
42	MP3A	Mx	-.006	5.5
43	MP3B	X	-12.302	.5
44	MP3B	Z	-21.307	.5
45	MP3B	Mx	-.006	.5
46	MP3B	X	-12.302	5.5
47	MP3B	Z	-21.307	5.5
48	MP3B	Mx	-.006	5.5
49	MP3C	X	-10.849	.5
50	MP3C	Z	-18.791	.5
51	MP3C	Mx	-.011	.5
52	MP3C	X	-10.849	5.5
53	MP3C	Z	-18.791	5.5
54	MP3C	Mx	-.011	5.5
55	MP1A	X	-6.481	2
56	MP1A	Z	-11.226	2
57	MP1A	Mx	.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-6.481	4
59	MP1A	Z	-11.226	4
60	MP1A	Mx	.003	4
61	MP1B	X	-6.481	2
62	MP1B	Z	-11.226	2
63	MP1B	Mx	.003	2
64	MP1B	X	-6.481	4
65	MP1B	Z	-11.226	4
66	MP1B	Mx	.003	4
67	MP1C	X	-3.222	2
68	MP1C	Z	-5.581	2
69	MP1C	Mx	-.003	2
70	MP1C	X	-3.222	4
71	MP1C	Z	-5.581	4
72	MP1C	Mx	-.003	4
73	OVP1	X	-13.107	1
74	OVP1	Z	-22.703	1
75	OVP1	Mx	0	1
76	MP3A	X	-4.92	1.5
77	MP3A	Z	-8.521	1.5
78	MP3A	Mx	.002	1.5
79	MP3B	X	-4.92	1.5
80	MP3B	Z	-8.521	1.5
81	MP3B	Mx	.002	1.5
82	MP3C	X	-6.376	1.5
83	MP3C	Z	-11.044	1.5
84	MP3C	Mx	-.006	1.5
85	MP2A	X	-4.366	1.5
86	MP2A	Z	-7.562	1.5
87	MP2A	Mx	-.002	1.5
88	MP2B	X	-4.366	1.5
89	MP2B	Z	-7.562	1.5
90	MP2B	Mx	-.002	1.5
91	MP2C	X	-6.376	1.5
92	MP2C	Z	-11.044	1.5
93	MP2C	Mx	.006	1.5
94	MP4A	X	-11.85	.5
95	MP4A	Z	-20.525	.5
96	MP4A	Mx	.006	.5
97	MP4A	X	-11.85	5.5
98	MP4A	Z	-20.525	5.5
99	MP4A	Mx	.006	5.5
100	MP4B	X	-11.85	.5
101	MP4B	Z	-20.525	.5
102	MP4B	Mx	.006	.5
103	MP4B	X	-11.85	5.5
104	MP4B	Z	-20.525	5.5
105	MP4B	Mx	.006	5.5
106	MP4C	X	-8.858	.5
107	MP4C	Z	-15.343	.5
108	MP4C	Mx	-.009	.5
109	MP4C	X	-8.858	5.5
110	MP4C	Z	-15.343	5.5
111	MP4C	Mx	-.009	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	4
2	MP3A	Z	-1.972	4
3	MP3A	Mx	-.000493	4
4	MP3B	X	0	4
5	MP3B	Z	-1.976	4
6	MP3B	Mx	-.000609	4
7	MP3C	X	0	4
8	MP3C	Z	-1.976	4
9	MP3C	Mx	.001	4
10	MP3A	X	0	4
11	MP3A	Z	-1.972	4
12	MP3A	Mx	.000493	4
13	MP3B	X	0	4
14	MP3B	Z	-1.976	4
15	MP3B	Mx	-.001	4
16	MP3C	X	0	4
17	MP3C	Z	-1.976	4
18	MP3C	Mx	.000609	4
19	MP3A	X	0	.5
20	MP3A	Z	-8.349	.5
21	MP3A	Mx	.005	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-8.349	5.5
24	MP3A	Mx	.005	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-7.325	.5
27	MP3B	Mx	.005	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-7.325	5.5
30	MP3B	Mx	.005	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-7.325	.5
33	MP3C	Mx	-.001	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-7.325	5.5
36	MP3C	Mx	-.001	5.5
37	MP3A	X	0	.5
38	MP3A	Z	-8.349	.5
39	MP3A	Mx	-.005	.5
40	MP3A	X	0	5.5
41	MP3A	Z	-8.349	5.5
42	MP3A	Mx	-.005	5.5
43	MP3B	X	0	.5
44	MP3B	Z	-7.325	.5
45	MP3B	Mx	.001	.5
46	MP3B	X	0	5.5
47	MP3B	Z	-7.325	5.5
48	MP3B	Mx	.001	5.5
49	MP3C	X	0	.5
50	MP3C	Z	-7.325	.5
51	MP3C	Mx	-.005	.5
52	MP3C	X	0	5.5
53	MP3C	Z	-7.325	5.5
54	MP3C	Mx	-.005	5.5
55	MP1A	X	0	2
56	MP1A	Z	-4.026	2
57	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	4
59	MP1A	Z	-4.026	4
60	MP1A	Mx	0	4
61	MP1B	X	0	2
62	MP1B	Z	-2.046	2
63	MP1B	Mx	.000886	2
64	MP1B	X	0	4
65	MP1B	Z	-2.046	4
66	MP1B	Mx	.000886	4
67	MP1C	X	0	2
68	MP1C	Z	-2.046	2
69	MP1C	Mx	-.000886	2
70	MP1C	X	0	4
71	MP1C	Z	-2.046	4
72	MP1C	Mx	-.000886	4
73	OVP1	X	0	1
74	OVP1	Z	-7.845	1
75	OVP1	Mx	0	1
76	MP3A	X	0	1.5
77	MP3A	Z	-3.184	1.5
78	MP3A	Mx	0	1.5
79	MP3B	X	0	1.5
80	MP3B	Z	-2.398	1.5
81	MP3B	Mx	.001	1.5
82	MP3C	X	0	1.5
83	MP3C	Z	-2.398	1.5
84	MP3C	Mx	-.001	1.5
85	MP2A	X	0	1.5
86	MP2A	Z	-3.184	1.5
87	MP2A	Mx	0	1.5
88	MP2B	X	0	1.5
89	MP2B	Z	-2.105	1.5
90	MP2B	Mx	-.000911	1.5
91	MP2C	X	0	1.5
92	MP2C	Z	-2.105	1.5
93	MP2C	Mx	.000911	1.5
94	MP4A	X	0	.5
95	MP4A	Z	-8.39	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	-8.39	5.5
99	MP4A	Mx	0	5.5
100	MP4B	X	0	.5
101	MP4B	Z	-6.261	.5
102	MP4B	Mx	.003	.5
103	MP4B	X	0	5.5
104	MP4B	Z	-6.261	5.5
105	MP4B	Mx	.003	5.5
106	MP4C	X	0	.5
107	MP4C	Z	-6.261	.5
108	MP4C	Mx	-.003	.5
109	MP4C	X	0	5.5
110	MP4C	Z	-6.261	5.5
111	MP4C	Mx	-.003	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	.987	4
2	MP3A	Z	-1.709	4
3	MP3A	Mx	6.6e-5	4
4	MP3B	X	.989	4
5	MP3B	Z	-1.713	4
6	MP3B	Mx	-.000989	4
7	MP3C	X	.987	4
8	MP3C	Z	-1.709	4
9	MP3C	Mx	.000921	4
10	MP3A	X	.987	4
11	MP3A	Z	-1.709	4
12	MP3A	Mx	.000921	4
13	MP3B	X	.989	4
14	MP3B	Z	-1.713	4
15	MP3B	Mx	-.000989	4
16	MP3C	X	.987	4
17	MP3C	Z	-1.709	4
18	MP3C	Mx	6.6e-5	4
19	MP3A	X	4.004	.5
20	MP3A	Z	-6.935	.5
21	MP3A	Mx	.002	.5
22	MP3A	X	4.004	5.5
23	MP3A	Z	-6.935	5.5
24	MP3A	Mx	.002	5.5
25	MP3B	X	3.492	.5
26	MP3B	Z	-6.048	.5
27	MP3B	Mx	.003	.5
28	MP3B	X	3.492	5.5
29	MP3B	Z	-6.048	5.5
30	MP3B	Mx	.003	5.5
31	MP3C	X	4.004	.5
32	MP3C	Z	-6.935	.5
33	MP3C	Mx	.002	.5
34	MP3C	X	4.004	5.5
35	MP3C	Z	-6.935	5.5
36	MP3C	Mx	.002	5.5
37	MP3A	X	4.004	.5
38	MP3A	Z	-6.935	.5
39	MP3A	Mx	-.006	.5
40	MP3A	X	4.004	5.5
41	MP3A	Z	-6.935	5.5
42	MP3A	Mx	-.006	5.5
43	MP3B	X	3.492	.5
44	MP3B	Z	-6.048	.5
45	MP3B	Mx	.003	.5
46	MP3B	X	3.492	5.5
47	MP3B	Z	-6.048	5.5
48	MP3B	Mx	.003	5.5
49	MP3C	X	4.004	.5
50	MP3C	Z	-6.935	.5
51	MP3C	Mx	-.006	.5
52	MP3C	X	4.004	5.5
53	MP3C	Z	-6.935	5.5
54	MP3C	Mx	-.006	5.5
55	MP1A	X	1.683	2
56	MP1A	Z	-2.915	2
57	MP1A	Mx	-.000842	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	1.683	4
59	MP1A	Z	-2.915	4
60	MP1A	Mx	-.000842	4
61	MP1B	X	.693	2
62	MP1B	Z	-1.201	2
63	MP1B	Mx	.000693	2
64	MP1B	X	.693	4
65	MP1B	Z	-1.201	4
66	MP1B	Mx	.000693	4
67	MP1C	X	1.683	2
68	MP1C	Z	-2.915	2
69	MP1C	Mx	-.000841	2
70	MP1C	X	1.683	4
71	MP1C	Z	-2.915	4
72	MP1C	Mx	-.000841	4
73	OVP1	X	3.428	1
74	OVP1	Z	-5.938	1
75	OVP1	Mx	0	1
76	MP3A	X	1.461	1.5
77	MP3A	Z	-2.53	1.5
78	MP3A	Mx	-.00073	1.5
79	MP3B	X	1.068	1.5
80	MP3B	Z	-1.85	1.5
81	MP3B	Mx	.001	1.5
82	MP3C	X	1.461	1.5
83	MP3C	Z	-2.53	1.5
84	MP3C	Mx	-.00073	1.5
85	MP2A	X	1.412	1.5
86	MP2A	Z	-2.446	1.5
87	MP2A	Mx	.000706	1.5
88	MP2B	X	.873	1.5
89	MP2B	Z	-1.512	1.5
90	MP2B	Mx	-.000873	1.5
91	MP2C	X	1.412	1.5
92	MP2C	Z	-2.446	1.5
93	MP2C	Mx	.000706	1.5
94	MP4A	X	3.84	.5
95	MP4A	Z	-6.652	.5
96	MP4A	Mx	-.002	.5
97	MP4A	X	3.84	5.5
98	MP4A	Z	-6.652	5.5
99	MP4A	Mx	-.002	5.5
100	MP4B	X	2.776	.5
101	MP4B	Z	-4.807	.5
102	MP4B	Mx	.003	.5
103	MP4B	X	2.776	5.5
104	MP4B	Z	-4.807	5.5
105	MP4B	Mx	.003	5.5
106	MP4C	X	3.84	.5
107	MP4C	Z	-6.652	.5
108	MP4C	Mx	-.002	.5
109	MP4C	X	3.84	5.5
110	MP4C	Z	-6.652	5.5
111	MP4C	Mx	-.002	5.5

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	MP3A	X	1.711	4
2	MP3A	Z	-.988	4
3	MP3A	Mx	.000608	4
4	MP3B	X	1.711	4
5	MP3B	Z	-.988	4
6	MP3B	Mx	-.001	4
7	MP3C	X	1.708	4
8	MP3C	Z	-.986	4
9	MP3C	Mx	.000493	4
10	MP3A	X	1.711	4
11	MP3A	Z	-.988	4
12	MP3A	Mx	.001	4
13	MP3B	X	1.711	4
14	MP3B	Z	-.988	4
15	MP3B	Mx	-.000609	4
16	MP3C	X	1.708	4
17	MP3C	Z	-.986	4
18	MP3C	Mx	-.000493	4
19	MP3A	X	6.344	.5
20	MP3A	Z	-3.662	.5
21	MP3A	Mx	-.001	.5
22	MP3A	X	6.344	5.5
23	MP3A	Z	-3.662	5.5
24	MP3A	Mx	-.001	5.5
25	MP3B	X	6.344	.5
26	MP3B	Z	-3.662	.5
27	MP3B	Mx	.001	.5
28	MP3B	X	6.344	5.5
29	MP3B	Z	-3.662	5.5
30	MP3B	Mx	.001	5.5
31	MP3C	X	7.231	.5
32	MP3C	Z	-4.175	.5
33	MP3C	Mx	.005	.5
34	MP3C	X	7.231	5.5
35	MP3C	Z	-4.175	5.5
36	MP3C	Mx	.005	5.5
37	MP3A	X	6.344	.5
38	MP3A	Z	-3.662	.5
39	MP3A	Mx	-.005	.5
40	MP3A	X	6.344	5.5
41	MP3A	Z	-3.662	5.5
42	MP3A	Mx	-.005	5.5
43	MP3B	X	6.344	.5
44	MP3B	Z	-3.662	.5
45	MP3B	Mx	.005	.5
46	MP3B	X	6.344	5.5
47	MP3B	Z	-3.662	5.5
48	MP3B	Mx	.005	5.5
49	MP3C	X	7.231	.5
50	MP3C	Z	-4.175	.5
51	MP3C	Mx	-.005	.5
52	MP3C	X	7.231	5.5
53	MP3C	Z	-4.175	5.5
54	MP3C	Mx	-.005	5.5
55	MP1A	X	1.772	2
56	MP1A	Z	-1.023	2
57	MP1A	Mx	-.000886	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	1.772	4
59	MP1A	Z	-1.023	4
60	MP1A	Mx	-.000886	4
61	MP1B	X	1.772	2
62	MP1B	Z	-1.023	2
63	MP1B	Mx	.000886	2
64	MP1B	X	1.772	4
65	MP1B	Z	-1.023	4
66	MP1B	Mx	.000886	4
67	MP1C	X	3.486	2
68	MP1C	Z	-2.013	2
69	MP1C	Mx	0	2
70	MP1C	X	3.486	4
71	MP1C	Z	-2.013	4
72	MP1C	Mx	0	4
73	OVP1	X	5.51	1
74	OVP1	Z	-3.181	1
75	OVP1	Mx	0	1
76	MP3A	X	2.077	1.5
77	MP3A	Z	-1.199	1.5
78	MP3A	Mx	-.001	1.5
79	MP3B	X	2.077	1.5
80	MP3B	Z	-1.199	1.5
81	MP3B	Mx	.001	1.5
82	MP3C	X	2.757	1.5
83	MP3C	Z	-1.592	1.5
84	MP3C	Mx	0	1.5
85	MP2A	X	1.823	1.5
86	MP2A	Z	-1.053	1.5
87	MP2A	Mx	.000911	1.5
88	MP2B	X	1.823	1.5
89	MP2B	Z	-1.053	1.5
90	MP2B	Mx	-.000912	1.5
91	MP2C	X	2.757	1.5
92	MP2C	Z	-1.592	1.5
93	MP2C	Mx	0	1.5
94	MP4A	X	5.422	.5
95	MP4A	Z	-3.13	.5
96	MP4A	Mx	-.003	.5
97	MP4A	X	5.422	5.5
98	MP4A	Z	-3.13	5.5
99	MP4A	Mx	-.003	5.5
100	MP4B	X	5.422	.5
101	MP4B	Z	-3.13	.5
102	MP4B	Mx	.003	.5
103	MP4B	X	5.422	5.5
104	MP4B	Z	-3.13	5.5
105	MP4B	Mx	.003	5.5
106	MP4C	X	7.266	.5
107	MP4C	Z	-4.195	.5
108	MP4C	Mx	0	.5
109	MP4C	X	7.266	5.5
110	MP4C	Z	-4.195	5.5
111	MP4C	Mx	0	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.978	4
2	MP3A	Z	0	4
3	MP3A	Mx	.000989	4
4	MP3B	X	1.973	4
5	MP3B	Z	0	4
6	MP3B	Mx	-.00092	4
7	MP3C	X	1.973	4
8	MP3C	Z	0	4
9	MP3C	Mx	-6.6e-5	4
10	MP3A	X	1.978	4
11	MP3A	Z	0	4
12	MP3A	Mx	.000989	4
13	MP3B	X	1.973	4
14	MP3B	Z	0	4
15	MP3B	Mx	-6.6e-5	4
16	MP3C	X	1.973	4
17	MP3C	Z	0	4
18	MP3C	Mx	-.00092	4
19	MP3A	X	6.983	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.003	.5
22	MP3A	X	6.983	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.003	5.5
25	MP3B	X	8.008	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.002	.5
28	MP3B	X	8.008	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.002	5.5
31	MP3C	X	8.008	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.006	.5
34	MP3C	X	8.008	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.006	5.5
37	MP3A	X	6.983	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	-.003	.5
40	MP3A	X	6.983	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	-.003	5.5
43	MP3B	X	8.008	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	.006	.5
46	MP3B	X	8.008	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	.006	5.5
49	MP3C	X	8.008	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	-.002	.5
52	MP3C	X	8.008	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	-.002	5.5
55	MP1A	X	1.386	2
56	MP1A	Z	0	2
57	MP1A	Mx	-.000693	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	1.386	4
59	MP1A	Z	0	4
60	MP1A	Mx	-.000693	4
61	MP1B	X	3.366	2
62	MP1B	Z	0	2
63	MP1B	Mx	.000842	2
64	MP1B	X	3.366	4
65	MP1B	Z	0	4
66	MP1B	Mx	.000842	4
67	MP1C	X	3.366	2
68	MP1C	Z	0	2
69	MP1C	Mx	.000842	2
70	MP1C	X	3.366	4
71	MP1C	Z	0	4
72	MP1C	Mx	.000842	4
73	OVP1	X	6.856	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	MP3A	X	2.136	1.5
77	MP3A	Z	0	1.5
78	MP3A	Mx	-.001	1.5
79	MP3B	X	2.922	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	.00073	1.5
82	MP3C	X	2.922	1.5
83	MP3C	Z	0	1.5
84	MP3C	Mx	.00073	1.5
85	MP2A	X	1.746	1.5
86	MP2A	Z	0	1.5
87	MP2A	Mx	.000873	1.5
88	MP2B	X	2.824	1.5
89	MP2B	Z	0	1.5
90	MP2B	Mx	-.000706	1.5
91	MP2C	X	2.824	1.5
92	MP2C	Z	0	1.5
93	MP2C	Mx	-.000706	1.5
94	MP4A	X	5.551	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	-.003	.5
97	MP4A	X	5.551	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	-.003	5.5
100	MP4B	X	7.681	.5
101	MP4B	Z	0	.5
102	MP4B	Mx	.002	.5
103	MP4B	X	7.681	5.5
104	MP4B	Z	0	5.5
105	MP4B	Mx	.002	5.5
106	MP4C	X	7.681	.5
107	MP4C	Z	0	.5
108	MP4C	Mx	.002	.5
109	MP4C	X	7.681	5.5
110	MP4C	Z	0	5.5
111	MP4C	Mx	.002	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.711	4
2	MP3A	Z	.988	4
3	MP3A	Mx	.001	4
4	MP3B	X	1.708	4
5	MP3B	Z	.986	4
6	MP3B	Mx	-.000493	4
7	MP3C	X	1.711	4
8	MP3C	Z	.988	4
9	MP3C	Mx	-.000609	4
10	MP3A	X	1.711	4
11	MP3A	Z	.988	4
12	MP3A	Mx	.000608	4
13	MP3B	X	1.708	4
14	MP3B	Z	.986	4
15	MP3B	Mx	.000493	4
16	MP3C	X	1.711	4
17	MP3C	Z	.988	4
18	MP3C	Mx	-.001	4
19	MP3A	X	6.344	.5
20	MP3A	Z	3.662	.5
21	MP3A	Mx	-.005	.5
22	MP3A	X	6.344	5.5
23	MP3A	Z	3.662	5.5
24	MP3A	Mx	-.005	5.5
25	MP3B	X	7.231	.5
26	MP3B	Z	4.175	.5
27	MP3B	Mx	-.005	.5
28	MP3B	X	7.231	5.5
29	MP3B	Z	4.175	5.5
30	MP3B	Mx	-.005	5.5
31	MP3C	X	6.344	.5
32	MP3C	Z	3.662	.5
33	MP3C	Mx	.005	.5
34	MP3C	X	6.344	5.5
35	MP3C	Z	3.662	5.5
36	MP3C	Mx	.005	5.5
37	MP3A	X	6.344	.5
38	MP3A	Z	3.662	.5
39	MP3A	Mx	-.001	.5
40	MP3A	X	6.344	5.5
41	MP3A	Z	3.662	5.5
42	MP3A	Mx	-.001	5.5
43	MP3B	X	7.231	.5
44	MP3B	Z	4.175	.5
45	MP3B	Mx	.005	.5
46	MP3B	X	7.231	5.5
47	MP3B	Z	4.175	5.5
48	MP3B	Mx	.005	5.5
49	MP3C	X	6.344	.5
50	MP3C	Z	3.662	.5
51	MP3C	Mx	.001	.5
52	MP3C	X	6.344	5.5
53	MP3C	Z	3.662	5.5
54	MP3C	Mx	.001	5.5
55	MP1A	X	1.772	2
56	MP1A	Z	1.023	2
57	MP1A	Mx	-.000886	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	1.772	4
59	MP1A	Z	1.023	4
60	MP1A	Mx	-.000886	4
61	MP1B	X	3.486	2
62	MP1B	Z	2.013	2
63	MP1B	Mx	0	2
64	MP1B	X	3.486	4
65	MP1B	Z	2.013	4
66	MP1B	Mx	0	4
67	MP1C	X	1.772	2
68	MP1C	Z	1.023	2
69	MP1C	Mx	.000886	2
70	MP1C	X	1.772	4
71	MP1C	Z	1.023	4
72	MP1C	Mx	.000886	4
73	OVP1	X	6.794	1
74	OVP1	Z	3.922	1
75	OVP1	Mx	0	1
76	MP3A	X	2.077	1.5
77	MP3A	Z	1.199	1.5
78	MP3A	Mx	-.001	1.5
79	MP3B	X	2.757	1.5
80	MP3B	Z	1.592	1.5
81	MP3B	Mx	0	1.5
82	MP3C	X	2.077	1.5
83	MP3C	Z	1.199	1.5
84	MP3C	Mx	.001	1.5
85	MP2A	X	1.823	1.5
86	MP2A	Z	1.053	1.5
87	MP2A	Mx	.000911	1.5
88	MP2B	X	2.757	1.5
89	MP2B	Z	1.592	1.5
90	MP2B	Mx	0	1.5
91	MP2C	X	1.823	1.5
92	MP2C	Z	1.053	1.5
93	MP2C	Mx	-.000912	1.5
94	MP4A	X	5.422	.5
95	MP4A	Z	3.13	.5
96	MP4A	Mx	-.003	.5
97	MP4A	X	5.422	5.5
98	MP4A	Z	3.13	5.5
99	MP4A	Mx	-.003	5.5
100	MP4B	X	7.266	.5
101	MP4B	Z	4.195	.5
102	MP4B	Mx	0	.5
103	MP4B	X	7.266	5.5
104	MP4B	Z	4.195	5.5
105	MP4B	Mx	0	5.5
106	MP4C	X	5.422	.5
107	MP4C	Z	3.13	.5
108	MP4C	Mx	.003	.5
109	MP4C	X	5.422	5.5
110	MP4C	Z	3.13	5.5
111	MP4C	Mx	.003	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	.987	4
2	MP3A	Z	1.709	4
3	MP3A	Mx	.000921	4
4	MP3B	X	.987	4
5	MP3B	Z	1.709	4
6	MP3B	Mx	6.6e-5	4
7	MP3C	X	.989	4
8	MP3C	Z	1.713	4
9	MP3C	Mx	-.000989	4
10	MP3A	X	.987	4
11	MP3A	Z	1.709	4
12	MP3A	Mx	6.6e-5	4
13	MP3B	X	.987	4
14	MP3B	Z	1.709	4
15	MP3B	Mx	.000921	4
16	MP3C	X	.989	4
17	MP3C	Z	1.713	4
18	MP3C	Mx	-.000989	4
19	MP3A	X	4.004	.5
20	MP3A	Z	6.935	.5
21	MP3A	Mx	-.006	.5
22	MP3A	X	4.004	5.5
23	MP3A	Z	6.935	5.5
24	MP3A	Mx	-.006	5.5
25	MP3B	X	4.004	.5
26	MP3B	Z	6.935	.5
27	MP3B	Mx	-.006	.5
28	MP3B	X	4.004	5.5
29	MP3B	Z	6.935	5.5
30	MP3B	Mx	-.006	5.5
31	MP3C	X	3.492	.5
32	MP3C	Z	6.048	.5
33	MP3C	Mx	.003	.5
34	MP3C	X	3.492	5.5
35	MP3C	Z	6.048	5.5
36	MP3C	Mx	.003	5.5
37	MP3A	X	4.004	.5
38	MP3A	Z	6.935	.5
39	MP3A	Mx	.002	.5
40	MP3A	X	4.004	5.5
41	MP3A	Z	6.935	5.5
42	MP3A	Mx	.002	5.5
43	MP3B	X	4.004	.5
44	MP3B	Z	6.935	.5
45	MP3B	Mx	.002	.5
46	MP3B	X	4.004	5.5
47	MP3B	Z	6.935	5.5
48	MP3B	Mx	.002	5.5
49	MP3C	X	3.492	.5
50	MP3C	Z	6.048	.5
51	MP3C	Mx	.003	.5
52	MP3C	X	3.492	5.5
53	MP3C	Z	6.048	5.5
54	MP3C	Mx	.003	5.5
55	MP1A	X	1.683	2
56	MP1A	Z	2.915	2
57	MP1A	Mx	-.000842	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	1.683	4
59	MP1A	Z	2.915	4
60	MP1A	Mx	-.000842	4
61	MP1B	X	1.683	2
62	MP1B	Z	2.915	2
63	MP1B	Mx	-.000841	2
64	MP1B	X	1.683	4
65	MP1B	Z	2.915	4
66	MP1B	Mx	-.000841	4
67	MP1C	X	.693	2
68	MP1C	Z	1.201	2
69	MP1C	Mx	.000693	2
70	MP1C	X	.693	4
71	MP1C	Z	1.201	4
72	MP1C	Mx	.000693	4
73	OVP1	X	4.169	1
74	OVP1	Z	7.222	1
75	OVP1	Mx	0	1
76	MP3A	X	1.461	1.5
77	MP3A	Z	2.53	1.5
78	MP3A	Mx	-.00073	1.5
79	MP3B	X	1.461	1.5
80	MP3B	Z	2.53	1.5
81	MP3B	Mx	-.00073	1.5
82	MP3C	X	1.068	1.5
83	MP3C	Z	1.85	1.5
84	MP3C	Mx	.001	1.5
85	MP2A	X	1.412	1.5
86	MP2A	Z	2.446	1.5
87	MP2A	Mx	.000706	1.5
88	MP2B	X	1.412	1.5
89	MP2B	Z	2.446	1.5
90	MP2B	Mx	.000706	1.5
91	MP2C	X	.873	1.5
92	MP2C	Z	1.512	1.5
93	MP2C	Mx	-.000873	1.5
94	MP4A	X	3.84	.5
95	MP4A	Z	6.652	.5
96	MP4A	Mx	-.002	.5
97	MP4A	X	3.84	5.5
98	MP4A	Z	6.652	5.5
99	MP4A	Mx	-.002	5.5
100	MP4B	X	3.84	.5
101	MP4B	Z	6.652	.5
102	MP4B	Mx	-.002	.5
103	MP4B	X	3.84	5.5
104	MP4B	Z	6.652	5.5
105	MP4B	Mx	-.002	5.5
106	MP4C	X	2.776	.5
107	MP4C	Z	4.807	.5
108	MP4C	Mx	.003	.5
109	MP4C	X	2.776	5.5
110	MP4C	Z	4.807	5.5
111	MP4C	Mx	.003	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	4
2	MP3A	Z	1.972	4
3	MP3A	Mx	.000493	4
4	MP3B	X	0	4
5	MP3B	Z	1.976	4
6	MP3B	Mx	.000609	4
7	MP3C	X	0	4
8	MP3C	Z	1.976	4
9	MP3C	Mx	-.001	4
10	MP3A	X	0	4
11	MP3A	Z	1.972	4
12	MP3A	Mx	-.000493	4
13	MP3B	X	0	4
14	MP3B	Z	1.976	4
15	MP3B	Mx	.001	4
16	MP3C	X	0	4
17	MP3C	Z	1.976	4
18	MP3C	Mx	-.000609	4
19	MP3A	X	0	.5
20	MP3A	Z	8.349	.5
21	MP3A	Mx	-.005	.5
22	MP3A	X	0	5.5
23	MP3A	Z	8.349	5.5
24	MP3A	Mx	-.005	5.5
25	MP3B	X	0	.5
26	MP3B	Z	7.325	.5
27	MP3B	Mx	-.005	.5
28	MP3B	X	0	5.5
29	MP3B	Z	7.325	5.5
30	MP3B	Mx	-.005	5.5
31	MP3C	X	0	.5
32	MP3C	Z	7.325	.5
33	MP3C	Mx	.001	.5
34	MP3C	X	0	5.5
35	MP3C	Z	7.325	5.5
36	MP3C	Mx	.001	5.5
37	MP3A	X	0	.5
38	MP3A	Z	8.349	.5
39	MP3A	Mx	.005	.5
40	MP3A	X	0	5.5
41	MP3A	Z	8.349	5.5
42	MP3A	Mx	.005	5.5
43	MP3B	X	0	.5
44	MP3B	Z	7.325	.5
45	MP3B	Mx	-.001	.5
46	MP3B	X	0	5.5
47	MP3B	Z	7.325	5.5
48	MP3B	Mx	-.001	5.5
49	MP3C	X	0	.5
50	MP3C	Z	7.325	.5
51	MP3C	Mx	.005	.5
52	MP3C	X	0	5.5
53	MP3C	Z	7.325	5.5
54	MP3C	Mx	.005	5.5
55	MP1A	X	0	2
56	MP1A	Z	4.026	2
57	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	4
59	MP1A	Z	4.026	4
60	MP1A	Mx	0	4
61	MP1B	X	0	2
62	MP1B	Z	2.046	2
63	MP1B	Mx	-.000886	2
64	MP1B	X	0	4
65	MP1B	Z	2.046	4
66	MP1B	Mx	-.000886	4
67	MP1C	X	0	2
68	MP1C	Z	2.046	2
69	MP1C	Mx	.000886	2
70	MP1C	X	0	4
71	MP1C	Z	2.046	4
72	MP1C	Mx	.000886	4
73	OVP1	X	0	1
74	OVP1	Z	7.845	1
75	OVP1	Mx	0	1
76	MP3A	X	0	1.5
77	MP3A	Z	3.184	1.5
78	MP3A	Mx	0	1.5
79	MP3B	X	0	1.5
80	MP3B	Z	2.398	1.5
81	MP3B	Mx	-.001	1.5
82	MP3C	X	0	1.5
83	MP3C	Z	2.398	1.5
84	MP3C	Mx	.001	1.5
85	MP2A	X	0	1.5
86	MP2A	Z	3.184	1.5
87	MP2A	Mx	0	1.5
88	MP2B	X	0	1.5
89	MP2B	Z	2.105	1.5
90	MP2B	Mx	.000911	1.5
91	MP2C	X	0	1.5
92	MP2C	Z	2.105	1.5
93	MP2C	Mx	-.000911	1.5
94	MP4A	X	0	.5
95	MP4A	Z	8.39	.5
96	MP4A	Mx	0	.5
97	MP4A	X	0	5.5
98	MP4A	Z	8.39	5.5
99	MP4A	Mx	0	5.5
100	MP4B	X	0	.5
101	MP4B	Z	6.261	.5
102	MP4B	Mx	-.003	.5
103	MP4B	X	0	5.5
104	MP4B	Z	6.261	5.5
105	MP4B	Mx	-.003	5.5
106	MP4C	X	0	.5
107	MP4C	Z	6.261	.5
108	MP4C	Mx	.003	.5
109	MP4C	X	0	5.5
110	MP4C	Z	6.261	5.5
111	MP4C	Mx	.003	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-.987	4
2	MP3A	Z	1.709	4
3	MP3A	Mx	-6.6e-5	4
4	MP3B	X	-.989	4
5	MP3B	Z	1.713	4
6	MP3B	Mx	.000989	4
7	MP3C	X	-.987	4
8	MP3C	Z	1.709	4
9	MP3C	Mx	-.000921	4
10	MP3A	X	-.987	4
11	MP3A	Z	1.709	4
12	MP3A	Mx	-.000921	4
13	MP3B	X	-.989	4
14	MP3B	Z	1.713	4
15	MP3B	Mx	.000989	4
16	MP3C	X	-.987	4
17	MP3C	Z	1.709	4
18	MP3C	Mx	-6.6e-5	4
19	MP3A	X	-4.004	.5
20	MP3A	Z	6.935	.5
21	MP3A	Mx	-.002	.5
22	MP3A	X	-4.004	5.5
23	MP3A	Z	6.935	5.5
24	MP3A	Mx	-.002	5.5
25	MP3B	X	-3.492	.5
26	MP3B	Z	6.048	.5
27	MP3B	Mx	-.003	.5
28	MP3B	X	-3.492	5.5
29	MP3B	Z	6.048	5.5
30	MP3B	Mx	-.003	5.5
31	MP3C	X	-4.004	.5
32	MP3C	Z	6.935	.5
33	MP3C	Mx	-.002	.5
34	MP3C	X	-4.004	5.5
35	MP3C	Z	6.935	5.5
36	MP3C	Mx	-.002	5.5
37	MP3A	X	-4.004	.5
38	MP3A	Z	6.935	.5
39	MP3A	Mx	.006	.5
40	MP3A	X	-4.004	5.5
41	MP3A	Z	6.935	5.5
42	MP3A	Mx	.006	5.5
43	MP3B	X	-3.492	.5
44	MP3B	Z	6.048	.5
45	MP3B	Mx	-.003	.5
46	MP3B	X	-3.492	5.5
47	MP3B	Z	6.048	5.5
48	MP3B	Mx	-.003	5.5
49	MP3C	X	-4.004	.5
50	MP3C	Z	6.935	.5
51	MP3C	Mx	.006	.5
52	MP3C	X	-4.004	5.5
53	MP3C	Z	6.935	5.5
54	MP3C	Mx	.006	5.5
55	MP1A	X	-1.683	2
56	MP1A	Z	2.915	2
57	MP1A	Mx	.000842	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-1.683	4
59	MP1A	Z	2.915	4
60	MP1A	Mx	.000842	4
61	MP1B	X	-.693	2
62	MP1B	Z	1.201	2
63	MP1B	Mx	-.000693	2
64	MP1B	X	-.693	4
65	MP1B	Z	1.201	4
66	MP1B	Mx	-.000693	4
67	MP1C	X	-1.683	2
68	MP1C	Z	2.915	2
69	MP1C	Mx	.000841	2
70	MP1C	X	-1.683	4
71	MP1C	Z	2.915	4
72	MP1C	Mx	.000841	4
73	OVP1	X	-3.428	1
74	OVP1	Z	5.938	1
75	OVP1	Mx	0	1
76	MP3A	X	-1.461	1.5
77	MP3A	Z	2.53	1.5
78	MP3A	Mx	.00073	1.5
79	MP3B	X	-1.068	1.5
80	MP3B	Z	1.85	1.5
81	MP3B	Mx	-.001	1.5
82	MP3C	X	-1.461	1.5
83	MP3C	Z	2.53	1.5
84	MP3C	Mx	.00073	1.5
85	MP2A	X	-1.412	1.5
86	MP2A	Z	2.446	1.5
87	MP2A	Mx	-.000706	1.5
88	MP2B	X	-.873	1.5
89	MP2B	Z	1.512	1.5
90	MP2B	Mx	.000873	1.5
91	MP2C	X	-1.412	1.5
92	MP2C	Z	2.446	1.5
93	MP2C	Mx	-.000706	1.5
94	MP4A	X	-3.84	.5
95	MP4A	Z	6.652	.5
96	MP4A	Mx	.002	.5
97	MP4A	X	-3.84	5.5
98	MP4A	Z	6.652	5.5
99	MP4A	Mx	.002	5.5
100	MP4B	X	-2.776	.5
101	MP4B	Z	4.807	.5
102	MP4B	Mx	-.003	.5
103	MP4B	X	-2.776	5.5
104	MP4B	Z	4.807	5.5
105	MP4B	Mx	-.003	5.5
106	MP4C	X	-3.84	.5
107	MP4C	Z	6.652	.5
108	MP4C	Mx	.002	.5
109	MP4C	X	-3.84	5.5
110	MP4C	Z	6.652	5.5
111	MP4C	Mx	.002	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.711	4
2	MP3A	Z	.988	4
3	MP3A	Mx	-.000608	4
4	MP3B	X	-1.711	4
5	MP3B	Z	.988	4
6	MP3B	Mx	.001	4
7	MP3C	X	-1.708	4
8	MP3C	Z	.986	4
9	MP3C	Mx	-.000493	4
10	MP3A	X	-1.711	4
11	MP3A	Z	.988	4
12	MP3A	Mx	-.001	4
13	MP3B	X	-1.711	4
14	MP3B	Z	.988	4
15	MP3B	Mx	.000609	4
16	MP3C	X	-1.708	4
17	MP3C	Z	.986	4
18	MP3C	Mx	.000493	4
19	MP3A	X	-6.344	.5
20	MP3A	Z	3.662	.5
21	MP3A	Mx	.001	.5
22	MP3A	X	-6.344	5.5
23	MP3A	Z	3.662	5.5
24	MP3A	Mx	.001	5.5
25	MP3B	X	-6.344	.5
26	MP3B	Z	3.662	.5
27	MP3B	Mx	-.001	.5
28	MP3B	X	-6.344	5.5
29	MP3B	Z	3.662	5.5
30	MP3B	Mx	-.001	5.5
31	MP3C	X	-7.231	.5
32	MP3C	Z	4.175	.5
33	MP3C	Mx	-.005	.5
34	MP3C	X	-7.231	5.5
35	MP3C	Z	4.175	5.5
36	MP3C	Mx	-.005	5.5
37	MP3A	X	-6.344	.5
38	MP3A	Z	3.662	.5
39	MP3A	Mx	.005	.5
40	MP3A	X	-6.344	5.5
41	MP3A	Z	3.662	5.5
42	MP3A	Mx	.005	5.5
43	MP3B	X	-6.344	.5
44	MP3B	Z	3.662	.5
45	MP3B	Mx	-.005	.5
46	MP3B	X	-6.344	5.5
47	MP3B	Z	3.662	5.5
48	MP3B	Mx	-.005	5.5
49	MP3C	X	-7.231	.5
50	MP3C	Z	4.175	.5
51	MP3C	Mx	.005	.5
52	MP3C	X	-7.231	5.5
53	MP3C	Z	4.175	5.5
54	MP3C	Mx	.005	5.5
55	MP1A	X	-1.772	2
56	MP1A	Z	1.023	2
57	MP1A	Mx	.000886	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-1.772	4
59	MP1A	Z	1.023	4
60	MP1A	Mx	.000886	4
61	MP1B	X	-1.772	2
62	MP1B	Z	1.023	2
63	MP1B	Mx	-.000886	2
64	MP1B	X	-1.772	4
65	MP1B	Z	1.023	4
66	MP1B	Mx	-.000886	4
67	MP1C	X	-3.486	2
68	MP1C	Z	2.013	2
69	MP1C	Mx	0	2
70	MP1C	X	-3.486	4
71	MP1C	Z	2.013	4
72	MP1C	Mx	0	4
73	OVP1	X	-5.51	1
74	OVP1	Z	3.181	1
75	OVP1	Mx	0	1
76	MP3A	X	-2.077	1.5
77	MP3A	Z	1.199	1.5
78	MP3A	Mx	.001	1.5
79	MP3B	X	-2.077	1.5
80	MP3B	Z	1.199	1.5
81	MP3B	Mx	-.001	1.5
82	MP3C	X	-2.757	1.5
83	MP3C	Z	1.592	1.5
84	MP3C	Mx	0	1.5
85	MP2A	X	-1.823	1.5
86	MP2A	Z	1.053	1.5
87	MP2A	Mx	-.000911	1.5
88	MP2B	X	-1.823	1.5
89	MP2B	Z	1.053	1.5
90	MP2B	Mx	.000912	1.5
91	MP2C	X	-2.757	1.5
92	MP2C	Z	1.592	1.5
93	MP2C	Mx	0	1.5
94	MP4A	X	-5.422	.5
95	MP4A	Z	3.13	.5
96	MP4A	Mx	.003	.5
97	MP4A	X	-5.422	5.5
98	MP4A	Z	3.13	5.5
99	MP4A	Mx	.003	5.5
100	MP4B	X	-5.422	.5
101	MP4B	Z	3.13	.5
102	MP4B	Mx	-.003	.5
103	MP4B	X	-5.422	5.5
104	MP4B	Z	3.13	5.5
105	MP4B	Mx	-.003	5.5
106	MP4C	X	-7.266	.5
107	MP4C	Z	4.195	.5
108	MP4C	Mx	0	.5
109	MP4C	X	-7.266	5.5
110	MP4C	Z	4.195	5.5
111	MP4C	Mx	0	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.978	4
2	MP3A	Z	0	4
3	MP3A	Mx	-.000989	4
4	MP3B	X	-1.973	4
5	MP3B	Z	0	4
6	MP3B	Mx	.00092	4
7	MP3C	X	-1.973	4
8	MP3C	Z	0	4
9	MP3C	Mx	6.6e-5	4
10	MP3A	X	-1.978	4
11	MP3A	Z	0	4
12	MP3A	Mx	-.000989	4
13	MP3B	X	-1.973	4
14	MP3B	Z	0	4
15	MP3B	Mx	6.6e-5	4
16	MP3C	X	-1.973	4
17	MP3C	Z	0	4
18	MP3C	Mx	.00092	4
19	MP3A	X	-6.983	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.003	.5
22	MP3A	X	-6.983	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.003	5.5
25	MP3B	X	-8.008	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.002	.5
28	MP3B	X	-8.008	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.002	5.5
31	MP3C	X	-8.008	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.006	.5
34	MP3C	X	-8.008	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.006	5.5
37	MP3A	X	-6.983	.5
38	MP3A	Z	0	.5
39	MP3A	Mx	.003	.5
40	MP3A	X	-6.983	5.5
41	MP3A	Z	0	5.5
42	MP3A	Mx	.003	5.5
43	MP3B	X	-8.008	.5
44	MP3B	Z	0	.5
45	MP3B	Mx	-.006	.5
46	MP3B	X	-8.008	5.5
47	MP3B	Z	0	5.5
48	MP3B	Mx	-.006	5.5
49	MP3C	X	-8.008	.5
50	MP3C	Z	0	.5
51	MP3C	Mx	.002	.5
52	MP3C	X	-8.008	5.5
53	MP3C	Z	0	5.5
54	MP3C	Mx	.002	5.5
55	MP1A	X	-1.386	2
56	MP1A	Z	0	2
57	MP1A	Mx	.000693	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-1.386	4
59	MP1A	Z	0	4
60	MP1A	Mx	.000693	4
61	MP1B	X	-3.366	2
62	MP1B	Z	0	2
63	MP1B	Mx	-.000842	2
64	MP1B	X	-3.366	4
65	MP1B	Z	0	4
66	MP1B	Mx	-.000842	4
67	MP1C	X	-3.366	2
68	MP1C	Z	0	2
69	MP1C	Mx	-.000842	2
70	MP1C	X	-3.366	4
71	MP1C	Z	0	4
72	MP1C	Mx	-.000842	4
73	OVP1	X	-6.856	1
74	OVP1	Z	0	1
75	OVP1	Mx	0	1
76	MP3A	X	-2.136	1.5
77	MP3A	Z	0	1.5
78	MP3A	Mx	.001	1.5
79	MP3B	X	-2.922	1.5
80	MP3B	Z	0	1.5
81	MP3B	Mx	-.00073	1.5
82	MP3C	X	-2.922	1.5
83	MP3C	Z	0	1.5
84	MP3C	Mx	-.00073	1.5
85	MP2A	X	-1.746	1.5
86	MP2A	Z	0	1.5
87	MP2A	Mx	-.000873	1.5
88	MP2B	X	-2.824	1.5
89	MP2B	Z	0	1.5
90	MP2B	Mx	.000706	1.5
91	MP2C	X	-2.824	1.5
92	MP2C	Z	0	1.5
93	MP2C	Mx	.000706	1.5
94	MP4A	X	-5.551	.5
95	MP4A	Z	0	.5
96	MP4A	Mx	.003	.5
97	MP4A	X	-5.551	5.5
98	MP4A	Z	0	5.5
99	MP4A	Mx	.003	5.5
100	MP4B	X	-7.681	.5
101	MP4B	Z	0	.5
102	MP4B	Mx	-.002	.5
103	MP4B	X	-7.681	5.5
104	MP4B	Z	0	5.5
105	MP4B	Mx	-.002	5.5
106	MP4C	X	-7.681	.5
107	MP4C	Z	0	.5
108	MP4C	Mx	-.002	.5
109	MP4C	X	-7.681	5.5
110	MP4C	Z	0	5.5
111	MP4C	Mx	-.002	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.711	4
2	MP3A	Z	-.988	4
3	MP3A	Mx	-.001	4
4	MP3B	X	-1.708	4
5	MP3B	Z	-.986	4
6	MP3B	Mx	.000493	4
7	MP3C	X	-1.711	4
8	MP3C	Z	-.988	4
9	MP3C	Mx	.000609	4
10	MP3A	X	-1.711	4
11	MP3A	Z	-.988	4
12	MP3A	Mx	-.000608	4
13	MP3B	X	-1.708	4
14	MP3B	Z	-.986	4
15	MP3B	Mx	-.000493	4
16	MP3C	X	-1.711	4
17	MP3C	Z	-.988	4
18	MP3C	Mx	.001	4
19	MP3A	X	-6.344	.5
20	MP3A	Z	-3.662	.5
21	MP3A	Mx	.005	.5
22	MP3A	X	-6.344	5.5
23	MP3A	Z	-3.662	5.5
24	MP3A	Mx	.005	5.5
25	MP3B	X	-7.231	.5
26	MP3B	Z	-4.175	.5
27	MP3B	Mx	.005	.5
28	MP3B	X	-7.231	5.5
29	MP3B	Z	-4.175	5.5
30	MP3B	Mx	.005	5.5
31	MP3C	X	-6.344	.5
32	MP3C	Z	-3.662	.5
33	MP3C	Mx	-.005	.5
34	MP3C	X	-6.344	5.5
35	MP3C	Z	-3.662	5.5
36	MP3C	Mx	-.005	5.5
37	MP3A	X	-6.344	.5
38	MP3A	Z	-3.662	.5
39	MP3A	Mx	.001	.5
40	MP3A	X	-6.344	5.5
41	MP3A	Z	-3.662	5.5
42	MP3A	Mx	.001	5.5
43	MP3B	X	-7.231	.5
44	MP3B	Z	-4.175	.5
45	MP3B	Mx	-.005	.5
46	MP3B	X	-7.231	5.5
47	MP3B	Z	-4.175	5.5
48	MP3B	Mx	-.005	5.5
49	MP3C	X	-6.344	.5
50	MP3C	Z	-3.662	.5
51	MP3C	Mx	-.001	.5
52	MP3C	X	-6.344	5.5
53	MP3C	Z	-3.662	5.5
54	MP3C	Mx	-.001	5.5
55	MP1A	X	-1.772	2
56	MP1A	Z	-1.023	2
57	MP1A	Mx	.000886	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-1.772	4
59	MP1A	Z	-1.023	4
60	MP1A	Mx	.000886	4
61	MP1B	X	-3.486	2
62	MP1B	Z	-2.013	2
63	MP1B	Mx	0	2
64	MP1B	X	-3.486	4
65	MP1B	Z	-2.013	4
66	MP1B	Mx	0	4
67	MP1C	X	-1.772	2
68	MP1C	Z	-1.023	2
69	MP1C	Mx	-.000886	2
70	MP1C	X	-1.772	4
71	MP1C	Z	-1.023	4
72	MP1C	Mx	-.000886	4
73	OVP1	X	-6.794	1
74	OVP1	Z	-3.922	1
75	OVP1	Mx	0	1
76	MP3A	X	-2.077	1.5
77	MP3A	Z	-1.199	1.5
78	MP3A	Mx	.001	1.5
79	MP3B	X	-2.757	1.5
80	MP3B	Z	-1.592	1.5
81	MP3B	Mx	0	1.5
82	MP3C	X	-2.077	1.5
83	MP3C	Z	-1.199	1.5
84	MP3C	Mx	-.001	1.5
85	MP2A	X	-1.823	1.5
86	MP2A	Z	-1.053	1.5
87	MP2A	Mx	-.000911	1.5
88	MP2B	X	-2.757	1.5
89	MP2B	Z	-1.592	1.5
90	MP2B	Mx	0	1.5
91	MP2C	X	-1.823	1.5
92	MP2C	Z	-1.053	1.5
93	MP2C	Mx	.000912	1.5
94	MP4A	X	-5.422	.5
95	MP4A	Z	-3.13	.5
96	MP4A	Mx	.003	.5
97	MP4A	X	-5.422	5.5
98	MP4A	Z	-3.13	5.5
99	MP4A	Mx	.003	5.5
100	MP4B	X	-7.266	.5
101	MP4B	Z	-4.195	.5
102	MP4B	Mx	0	.5
103	MP4B	X	-7.266	5.5
104	MP4B	Z	-4.195	5.5
105	MP4B	Mx	0	5.5
106	MP4C	X	-5.422	.5
107	MP4C	Z	-3.13	.5
108	MP4C	Mx	-.003	.5
109	MP4C	X	-5.422	5.5
110	MP4C	Z	-3.13	5.5
111	MP4C	Mx	-.003	5.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-.987	4
2	MP3A	Z	-1.709	4
3	MP3A	Mx	-.000921	4
4	MP3B	X	-.987	4
5	MP3B	Z	-1.709	4
6	MP3B	Mx	-6.6e-5	4
7	MP3C	X	-.989	4
8	MP3C	Z	-1.713	4
9	MP3C	Mx	.000989	4
10	MP3A	X	-.987	4
11	MP3A	Z	-1.709	4
12	MP3A	Mx	-6.6e-5	4
13	MP3B	X	-.987	4
14	MP3B	Z	-1.709	4
15	MP3B	Mx	-.000921	4
16	MP3C	X	-.989	4
17	MP3C	Z	-1.713	4
18	MP3C	Mx	.000989	4
19	MP3A	X	-4.004	.5
20	MP3A	Z	-6.935	.5
21	MP3A	Mx	.006	.5
22	MP3A	X	-4.004	5.5
23	MP3A	Z	-6.935	5.5
24	MP3A	Mx	.006	5.5
25	MP3B	X	-4.004	.5
26	MP3B	Z	-6.935	.5
27	MP3B	Mx	.006	.5
28	MP3B	X	-4.004	5.5
29	MP3B	Z	-6.935	5.5
30	MP3B	Mx	.006	5.5
31	MP3C	X	-3.492	.5
32	MP3C	Z	-6.048	.5
33	MP3C	Mx	-.003	.5
34	MP3C	X	-3.492	5.5
35	MP3C	Z	-6.048	5.5
36	MP3C	Mx	-.003	5.5
37	MP3A	X	-4.004	.5
38	MP3A	Z	-6.935	.5
39	MP3A	Mx	-.002	.5
40	MP3A	X	-4.004	5.5
41	MP3A	Z	-6.935	5.5
42	MP3A	Mx	-.002	5.5
43	MP3B	X	-4.004	.5
44	MP3B	Z	-6.935	.5
45	MP3B	Mx	-.002	.5
46	MP3B	X	-4.004	5.5
47	MP3B	Z	-6.935	5.5
48	MP3B	Mx	-.002	5.5
49	MP3C	X	-3.492	.5
50	MP3C	Z	-6.048	.5
51	MP3C	Mx	-.003	.5
52	MP3C	X	-3.492	5.5
53	MP3C	Z	-6.048	5.5
54	MP3C	Mx	-.003	5.5
55	MP1A	X	-1.683	2
56	MP1A	Z	-2.915	2
57	MP1A	Mx	.000842	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-1.683	4
59	MP1A	Z	-2.915	4
60	MP1A	Mx	.000842	4
61	MP1B	X	-1.683	2
62	MP1B	Z	-2.915	2
63	MP1B	Mx	.000841	2
64	MP1B	X	-1.683	4
65	MP1B	Z	-2.915	4
66	MP1B	Mx	.000841	4
67	MP1C	X	-.693	2
68	MP1C	Z	-1.201	2
69	MP1C	Mx	-.000693	2
70	MP1C	X	-.693	4
71	MP1C	Z	-1.201	4
72	MP1C	Mx	-.000693	4
73	OVP1	X	-4.169	1
74	OVP1	Z	-7.222	1
75	OVP1	Mx	0	1
76	MP3A	X	-1.461	1.5
77	MP3A	Z	-2.53	1.5
78	MP3A	Mx	.00073	1.5
79	MP3B	X	-1.461	1.5
80	MP3B	Z	-2.53	1.5
81	MP3B	Mx	.00073	1.5
82	MP3C	X	-1.068	1.5
83	MP3C	Z	-1.85	1.5
84	MP3C	Mx	-.001	1.5
85	MP2A	X	-1.412	1.5
86	MP2A	Z	-2.446	1.5
87	MP2A	Mx	-.000706	1.5
88	MP2B	X	-1.412	1.5
89	MP2B	Z	-2.446	1.5
90	MP2B	Mx	-.000706	1.5
91	MP2C	X	-.873	1.5
92	MP2C	Z	-1.512	1.5
93	MP2C	Mx	.000873	1.5
94	MP4A	X	-3.84	.5
95	MP4A	Z	-6.652	.5
96	MP4A	Mx	.002	.5
97	MP4A	X	-3.84	5.5
98	MP4A	Z	-6.652	5.5
99	MP4A	Mx	.002	5.5
100	MP4B	X	-3.84	.5
101	MP4B	Z	-6.652	.5
102	MP4B	Mx	.002	.5
103	MP4B	X	-3.84	5.5
104	MP4B	Z	-6.652	5.5
105	MP4B	Mx	.002	5.5
106	MP4C	X	-2.776	.5
107	MP4C	Z	-4.807	.5
108	MP4C	Mx	-.003	.5
109	MP4C	X	-2.776	5.5
110	MP4C	Z	-4.807	5.5
111	MP4C	Mx	-.003	5.5

Member Point Loads (BLC 77 : Lm1)

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

Member Point Loads (BLC 77 : Lm1) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M182	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M184	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M100	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M100	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-.41	4
2	MP3A	My	.000205	4
3	MP3A	Mz	.000102	4
4	MP3B	Y	-.41	4
5	MP3B	My	-.000191	4
6	MP3B	Mz	.000126	4
7	MP3C	Y	-.41	4
8	MP3C	My	-1.4e-5	4
9	MP3C	Mz	-.000229	4
10	MP3A	Y	-.41	4
11	MP3A	My	.000205	4
12	MP3A	Mz	-.000102	4
13	MP3B	Y	-.41	4
14	MP3B	My	-1.4e-5	4
15	MP3B	Mz	.000229	4
16	MP3C	Y	-.41	4
17	MP3C	My	-.000191	4
18	MP3C	Mz	-.000126	4
19	MP3A	Y	-.757	.5
20	MP3A	My	-.000378	.5
21	MP3A	Mz	-.000441	.5
22	MP3A	Y	-.757	5.5
23	MP3A	My	-.000378	5.5
24	MP3A	Mz	-.000441	5.5
25	MP3B	Y	-.757	.5
26	MP3B	My	-.000193	.5
27	MP3B	Mz	-.000548	.5
28	MP3B	Y	-.757	5.5
29	MP3B	My	-.000193	5.5
30	MP3B	Mz	-.000548	5.5
31	MP3C	Y	-.757	.5
32	MP3C	My	.000571	.5
33	MP3C	Mz	.000107	.5
34	MP3C	Y	-.757	5.5
35	MP3C	My	.000571	5.5
36	MP3C	Mz	.000107	5.5
37	MP3A	Y	-.757	.5
38	MP3A	My	-.000378	.5
39	MP3A	Mz	.000441	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	Y	-.757	5.5
41	MP3A	My	-.000378	5.5
42	MP3A	Mz	.000441	5.5
43	MP3B	Y	-.757	.5
44	MP3B	My	.000571	.5
45	MP3B	Mz	-.000107	.5
46	MP3B	Y	-.757	5.5
47	MP3B	My	.000571	5.5
48	MP3B	Mz	-.000107	5.5
49	MP3C	Y	-.757	.5
50	MP3C	My	-.000193	.5
51	MP3C	Mz	.000548	.5
52	MP3C	Y	-.757	5.5
53	MP3C	My	-.000193	5.5
54	MP3C	Mz	.000548	5.5
55	MP1A	Y	-1.014	2
56	MP1A	My	-.000507	2
57	MP1A	Mz	0	2
58	MP1A	Y	-1.014	4
59	MP1A	My	-.000507	4
60	MP1A	Mz	0	4
61	MP1B	Y	-1.014	2
62	MP1B	My	.000253	2
63	MP1B	Mz	-.000439	2
64	MP1B	Y	-1.014	4
65	MP1B	My	.000253	4
66	MP1B	Mz	-.000439	4
67	MP1C	Y	-1.014	2
68	MP1C	My	.000253	2
69	MP1C	Mz	.000439	2
70	MP1C	Y	-1.014	4
71	MP1C	My	.000253	4
72	MP1C	Mz	.000439	4
73	OVP1	Y	-.745	1
74	OVP1	My	0	1
75	OVP1	Mz	0	1
76	MP3A	Y	-1.965	1.5
77	MP3A	My	-.000982	1.5
78	MP3A	Mz	0	1.5
79	MP3B	Y	-1.965	1.5
80	MP3B	My	.000491	1.5
81	MP3B	Mz	-.000851	1.5
82	MP3C	Y	-1.965	1.5
83	MP3C	My	.000491	1.5
84	MP3C	Mz	.000851	1.5
85	MP2A	Y	-1.637	1.5
86	MP2A	My	.000818	1.5
87	MP2A	Mz	0	1.5
88	MP2B	Y	-1.637	1.5
89	MP2B	My	-.000409	1.5
90	MP2B	Mz	.000709	1.5
91	MP2C	Y	-1.637	1.5
92	MP2C	My	-.000409	1.5
93	MP2C	Mz	-.000709	1.5
94	MP4A	Y	-.306	.5
95	MP4A	My	-.000153	.5
96	MP4A	Mz	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP4A	Y	-.306	5.5
98	MP4A	My	-.000153	5.5
99	MP4A	Mz	0	5.5
100	MP4B	Y	-.306	.5
101	MP4B	My	7.7e-5	.5
102	MP4B	Mz	-.000133	.5
103	MP4B	Y	-.306	5.5
104	MP4B	My	7.7e-5	5.5
105	MP4B	Mz	-.000133	5.5
106	MP4C	Y	-.306	.5
107	MP4C	My	7.7e-5	.5
108	MP4C	Mz	.000133	.5
109	MP4C	Y	-.306	5.5
110	MP4C	My	7.7e-5	5.5
111	MP4C	Mz	.000133	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-1.024	4
2	MP3A	Mx	-.000256	4
3	MP3B	Z	-1.024	4
4	MP3B	Mx	-.000316	4
5	MP3C	Z	-1.024	4
6	MP3C	Mx	.000572	4
7	MP3A	Z	-1.024	4
8	MP3A	Mx	.000256	4
9	MP3B	Z	-1.024	4
10	MP3B	Mx	-.000572	4
11	MP3C	Z	-1.024	4
12	MP3C	Mx	.000316	4
13	MP3A	Z	-1.891	.5
14	MP3A	Mx	.001	.5
15	MP3A	Z	-1.891	5.5
16	MP3A	Mx	.001	5.5
17	MP3B	Z	-1.891	.5
18	MP3B	Mx	.001	.5
19	MP3B	Z	-1.891	5.5
20	MP3B	Mx	.001	5.5
21	MP3C	Z	-1.891	.5
22	MP3C	Mx	-.000267	.5
23	MP3C	Z	-1.891	5.5
24	MP3C	Mx	-.000267	5.5
25	MP3A	Z	-1.891	.5
26	MP3A	Mx	-.001	.5
27	MP3A	Z	-1.891	5.5
28	MP3A	Mx	-.001	5.5
29	MP3B	Z	-1.891	.5
30	MP3B	Mx	.000267	.5
31	MP3B	Z	-1.891	5.5
32	MP3B	Mx	.000267	5.5
33	MP3C	Z	-1.891	.5
34	MP3C	Mx	-.001	.5
35	MP3C	Z	-1.891	5.5
36	MP3C	Mx	-.001	5.5
37	MP1A	Z	-2.535	2
38	MP1A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP1A	Z	-2.535	4
40	MP1A	Mx	0	4
41	MP1B	Z	-2.535	2
42	MP1B	Mx	.001	2
43	MP1B	Z	-2.535	4
44	MP1B	Mx	.001	4
45	MP1C	Z	-2.535	2
46	MP1C	Mx	-.001	2
47	MP1C	Z	-2.535	4
48	MP1C	Mx	-.001	4
49	OVP1	Z	-1.862	1
50	OVP1	Mx	0	1
51	MP3A	Z	-4.912	1.5
52	MP3A	Mx	0	1.5
53	MP3B	Z	-4.912	1.5
54	MP3B	Mx	.002	1.5
55	MP3C	Z	-4.912	1.5
56	MP3C	Mx	-.002	1.5
57	MP2A	Z	-4.091	1.5
58	MP2A	Mx	0	1.5
59	MP2B	Z	-4.091	1.5
60	MP2B	Mx	-.002	1.5
61	MP2C	Z	-4.091	1.5
62	MP2C	Mx	.002	1.5
63	MP4A	Z	-.765	.5
64	MP4A	Mx	0	.5
65	MP4A	Z	-.765	5.5
66	MP4A	Mx	0	5.5
67	MP4B	Z	-.765	.5
68	MP4B	Mx	.000331	.5
69	MP4B	Z	-.765	5.5
70	MP4B	Mx	.000331	5.5
71	MP4C	Z	-.765	.5
72	MP4C	Mx	-.000331	.5
73	MP4C	Z	-.765	5.5
74	MP4C	Mx	-.000331	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.024	4
2	MP3A	Mx	.000512	4
3	MP3B	X	1.024	4
4	MP3B	Mx	-.000478	4
5	MP3C	X	1.024	4
6	MP3C	Mx	-3.4e-5	4
7	MP3A	X	1.024	4
8	MP3A	Mx	.000512	4
9	MP3B	X	1.024	4
10	MP3B	Mx	-3.4e-5	4
11	MP3C	X	1.024	4
12	MP3C	Mx	-.000478	4
13	MP3A	X	1.891	.5
14	MP3A	Mx	-.000946	.5
15	MP3A	X	1.891	5.5
16	MP3A	Mx	-.000946	5.5
17	MP3B	X	1.891	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP3B	Mx	-.000483	.5
19	MP3B	X	1.891	5.5
20	MP3B	Mx	-.000483	5.5
21	MP3C	X	1.891	.5
22	MP3C	Mx	.001	.5
23	MP3C	X	1.891	5.5
24	MP3C	Mx	.001	5.5
25	MP3A	X	1.891	.5
26	MP3A	Mx	-.000946	.5
27	MP3A	X	1.891	5.5
28	MP3A	Mx	-.000946	5.5
29	MP3B	X	1.891	.5
30	MP3B	Mx	.001	.5
31	MP3B	X	1.891	5.5
32	MP3B	Mx	.001	5.5
33	MP3C	X	1.891	.5
34	MP3C	Mx	-.000483	.5
35	MP3C	X	1.891	5.5
36	MP3C	Mx	-.000483	5.5
37	MP1A	X	2.535	2
38	MP1A	Mx	-.001	2
39	MP1A	X	2.535	4
40	MP1A	Mx	-.001	4
41	MP1B	X	2.535	2
42	MP1B	Mx	.000634	2
43	MP1B	X	2.535	4
44	MP1B	Mx	.000634	4
45	MP1C	X	2.535	2
46	MP1C	Mx	.000634	2
47	MP1C	X	2.535	4
48	MP1C	Mx	.000634	4
49	OVP1	X	1.862	1
50	OVP1	Mx	0	1
51	MP3A	X	4.912	1.5
52	MP3A	Mx	-.002	1.5
53	MP3B	X	4.912	1.5
54	MP3B	Mx	.001	1.5
55	MP3C	X	4.912	1.5
56	MP3C	Mx	.001	1.5
57	MP2A	X	4.091	1.5
58	MP2A	Mx	.002	1.5
59	MP2B	X	4.091	1.5
60	MP2B	Mx	-.001	1.5
61	MP2C	X	4.091	1.5
62	MP2C	Mx	-.001	1.5
63	MP4A	X	.765	.5
64	MP4A	Mx	-.000383	.5
65	MP4A	X	.765	5.5
66	MP4A	Mx	-.000383	5.5
67	MP4B	X	.765	.5
68	MP4B	Mx	.000191	.5
69	MP4B	X	.765	5.5
70	MP4B	Mx	.000191	5.5
71	MP4C	X	.765	.5
72	MP4C	Mx	.000191	.5
73	MP4C	X	.765	5.5
74	MP4C	Mx	.000191	5.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M100	Y	-6.512	-6.512	0	%100
2	M101	Y	-9.534	-9.534	0	%100
3	M102	Y	-9.534	-9.534	0	%100
4	M103	Y	-9.534	-9.534	0	%100
5	M104	Y	-10.044	-10.044	0	%100
6	M107	Y	-5.571	-5.571	0	%100
7	M108	Y	-5.571	-5.571	0	%100
8	M112	Y	-10.031	-10.031	0	%100
9	M113	Y	-10.031	-10.031	0	%100
10	M115	Y	-10.044	-10.044	0	%100
11	M117	Y	-10.031	-10.031	0	%100
12	M118	Y	-10.031	-10.031	0	%100
13	M120	Y	-10.044	-10.044	0	%100
14	M125	Y	-9.534	-9.534	0	%100
15	M126	Y	-9.534	-9.534	0	%100
16	M127	Y	-9.534	-9.534	0	%100
17	M128	Y	-9.534	-9.534	0	%100
18	M129	Y	-10.044	-10.044	0	%100
19	M132	Y	-5.571	-5.571	0	%100
20	M133	Y	-5.571	-5.571	0	%100
21	M137	Y	-10.031	-10.031	0	%100
22	M138	Y	-10.031	-10.031	0	%100
23	M140	Y	-10.044	-10.044	0	%100
24	M142	Y	-10.031	-10.031	0	%100
25	M143	Y	-10.031	-10.031	0	%100
26	M145	Y	-10.044	-10.044	0	%100
27	M150	Y	-9.534	-9.534	0	%100
28	M151	Y	-9.534	-9.534	0	%100
29	M152	Y	-9.534	-9.534	0	%100
30	M153	Y	-9.534	-9.534	0	%100
31	M154	Y	-10.044	-10.044	0	%100
32	M157	Y	-5.571	-5.571	0	%100
33	M158	Y	-5.571	-5.571	0	%100
34	M162	Y	-10.031	-10.031	0	%100
35	M163	Y	-10.031	-10.031	0	%100
36	M165	Y	-10.044	-10.044	0	%100
37	M167	Y	-10.031	-10.031	0	%100
38	M168	Y	-10.031	-10.031	0	%100
39	M170	Y	-10.044	-10.044	0	%100
40	M175	Y	-9.534	-9.534	0	%100
41	M176	Y	-6.512	-6.512	0	%100
42	M177	Y	-6.512	-6.512	0	%100
43	MP1A	Y	-4.935	-4.935	0	%100
44	MP2A	Y	-4.935	-4.935	0	%100
45	MP3A	Y	-4.935	-4.935	0	%100
46	MP4A	Y	-4.935	-4.935	0	%100
47	MP1C	Y	-4.935	-4.935	0	%100
48	MP2C	Y	-4.935	-4.935	0	%100
49	MP3C	Y	-4.935	-4.935	0	%100
50	MP4C	Y	-4.935	-4.935	0	%100
51	MP1B	Y	-4.935	-4.935	0	%100
52	MP2B	Y	-4.935	-4.935	0	%100
53	MP3B	Y	-4.935	-4.935	0	%100
54	MP4B	Y	-4.935	-4.935	0	%100
55	OVP1	Y	-4.935	-4.935	0	%100
56	M105A	Y	-5.636	-5.636	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,%]
57	M112A	Y	-5.636	-5.636	0	%100
58	M119A	Y	-5.636	-5.636	0	%100
59	M126A	Y	-7.552	-7.552	0	%100
60	M127A	Y	-7.552	-7.552	0	%100
61	M128A	Y	-7.552	-7.552	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M100	X	0	0	0	%100
2	M100	Z	-11.502	-11.502	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-9.886	-9.886	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-9.886	-9.886	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	-19.718	-19.718	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-2.737	-2.737	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	-2.737	-2.737	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	-5.021	-5.021	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	-5.288	-5.288	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	-5.021	-5.021	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	-5.288	-5.288	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-8.762	-8.762	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-2.471	-2.471	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	-2.471	-2.471	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	-4.929	-4.929	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	-2.737	-2.737	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	-10.949	-10.949	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	-14.788	-14.788	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	-5.021	-5.021	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	-5.288	-5.288	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	-14.788	-14.788	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,%]
49	M143	X	0	0	0	%100
50	M143	Z	-20.083	-20.083	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	-21.153	-21.153	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-6.983	-6.983	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-8.762	-8.762	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	-2.471	-2.471	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	-2.471	-2.471	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	-4.929	-4.929	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	-10.949	-10.949	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	-2.737	-2.737	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	-14.788	-14.788	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	-20.083	-20.083	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	-21.153	-21.153	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	-14.788	-14.788	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	-5.021	-5.021	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	-5.288	-5.288	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	-6.983	-6.983	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	-2.876	-2.876	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	-2.876	-2.876	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	-7.805	-7.805	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-7.805	-7.805	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	-7.805	-7.805	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-7.805	-7.805	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-7.805	-7.805	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-7.805	-7.805	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-7.805	-7.805	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-7.805	-7.805	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-7.805	-7.805	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-7.805	-7.805	0	%100
105	MP3B	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,%]
106	MP3B	Z	-7.805	-7.805	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-7.805	-7.805	0	%100
109	OVP1	X	0	0	0	%100
110	OVP1	Z	-6.382	-6.382	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	-9.448	-9.448	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	-2.362	-2.362	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	-2.362	-2.362	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	-2.465	-2.465	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	-2.465	-2.465	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	-9.859	-9.859	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	M100	X	4.313	4.313	0	%100
2	M100	Z	-7.471	-7.471	0	%100
3	M101	X	1.46	1.46	0	%100
4	M101	Z	-2.529	-2.529	0	%100
5	M102	X	3.707	3.707	0	%100
6	M102	Z	-6.421	-6.421	0	%100
7	M103	X	3.707	3.707	0	%100
8	M103	Z	-6.421	-6.421	0	%100
9	M104	X	7.394	7.394	0	%100
10	M104	Z	-12.807	-12.807	0	%100
11	M107	X	4.106	4.106	0	%100
12	M107	Z	-7.112	-7.112	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	2.465	2.465	0	%100
16	M112	Z	-4.269	-4.269	0	%100
17	M113	X	7.531	7.531	0	%100
18	M113	Z	-13.044	-13.044	0	%100
19	M115	X	7.932	7.932	0	%100
20	M115	Z	-13.739	-13.739	0	%100
21	M117	X	2.465	2.465	0	%100
22	M117	Z	-4.269	-4.269	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	1.164	1.164	0	%100
28	M125	Z	-2.016	-2.016	0	%100
29	M126	X	1.46	1.46	0	%100
30	M126	Z	-2.529	-2.529	0	%100
31	M127	X	3.707	3.707	0	%100
32	M127	Z	-6.421	-6.421	0	%100
33	M128	X	3.707	3.707	0	%100
34	M128	Z	-6.421	-6.421	0	%100
35	M129	X	7.394	7.394	0	%100
36	M129	Z	-12.807	-12.807	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,%]
37	M132	X	0	0	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	4.106	4.106	0	%100
40	M133	Z	-7.112	-7.112	0	%100
41	M137	X	2.465	2.465	0	%100
42	M137	Z	-4.269	-4.269	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	2.465	2.465	0	%100
48	M142	Z	-4.269	-4.269	0	%100
49	M143	X	7.531	7.531	0	%100
50	M143	Z	-13.044	-13.044	0	%100
51	M145	X	7.932	7.932	0	%100
52	M145	Z	-13.739	-13.739	0	%100
53	M150	X	1.164	1.164	0	%100
54	M150	Z	-2.016	-2.016	0	%100
55	M151	X	5.841	5.841	0	%100
56	M151	Z	-10.118	-10.118	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	4.106	4.106	0	%100
64	M157	Z	-7.112	-7.112	0	%100
65	M158	X	4.106	4.106	0	%100
66	M158	Z	-7.112	-7.112	0	%100
67	M162	X	9.859	9.859	0	%100
68	M162	Z	-17.076	-17.076	0	%100
69	M163	X	7.531	7.531	0	%100
70	M163	Z	-13.044	-13.044	0	%100
71	M165	X	7.932	7.932	0	%100
72	M165	Z	-13.739	-13.739	0	%100
73	M167	X	9.859	9.859	0	%100
74	M167	Z	-17.076	-17.076	0	%100
75	M168	X	7.531	7.531	0	%100
76	M168	Z	-13.044	-13.044	0	%100
77	M170	X	7.932	7.932	0	%100
78	M170	Z	-13.739	-13.739	0	%100
79	M175	X	4.656	4.656	0	%100
80	M175	Z	-8.064	-8.064	0	%100
81	M176	X	4.313	4.313	0	%100
82	M176	Z	-7.471	-7.471	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	3.902	3.902	0	%100
86	MP1A	Z	-6.759	-6.759	0	%100
87	MP2A	X	3.902	3.902	0	%100
88	MP2A	Z	-6.759	-6.759	0	%100
89	MP3A	X	3.902	3.902	0	%100
90	MP3A	Z	-6.759	-6.759	0	%100
91	MP4A	X	3.902	3.902	0	%100
92	MP4A	Z	-6.759	-6.759	0	%100
93	MP1C	X	3.902	3.902	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,%]
94	MP1C	Z	-6.759	-6.759	0	%100
95	MP2C	X	3.902	3.902	0	%100
96	MP2C	Z	-6.759	-6.759	0	%100
97	MP3C	X	3.902	3.902	0	%100
98	MP3C	Z	-6.759	-6.759	0	%100
99	MP4C	X	3.902	3.902	0	%100
100	MP4C	Z	-6.759	-6.759	0	%100
101	MP1B	X	3.902	3.902	0	%100
102	MP1B	Z	-6.759	-6.759	0	%100
103	MP2B	X	3.902	3.902	0	%100
104	MP2B	Z	-6.759	-6.759	0	%100
105	MP3B	X	3.902	3.902	0	%100
106	MP3B	Z	-6.759	-6.759	0	%100
107	MP4B	X	3.902	3.902	0	%100
108	MP4B	Z	-6.759	-6.759	0	%100
109	OVP1	X	3.191	3.191	0	%100
110	OVP1	Z	-5.527	-5.527	0	%100
111	M105A	X	3.543	3.543	0	%100
112	M105A	Z	-6.137	-6.137	0	%100
113	M112A	X	3.543	3.543	0	%100
114	M112A	Z	-6.137	-6.137	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	3.697	3.697	0	%100
118	M126A	Z	-6.404	-6.404	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	3.697	3.697	0	%100
122	M128A	Z	-6.404	-6.404	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	M100	X	2.49	2.49	0	%100
2	M100	Z	-1.438	-1.438	0	%100
3	M101	X	7.588	7.588	0	%100
4	M101	Z	-4.381	-4.381	0	%100
5	M102	X	2.14	2.14	0	%100
6	M102	Z	-1.236	-1.236	0	%100
7	M103	X	2.14	2.14	0	%100
8	M103	Z	-1.236	-1.236	0	%100
9	M104	X	4.269	4.269	0	%100
10	M104	Z	-2.465	-2.465	0	%100
11	M107	X	9.482	9.482	0	%100
12	M107	Z	-5.474	-5.474	0	%100
13	M108	X	2.371	2.371	0	%100
14	M108	Z	-1.369	-1.369	0	%100
15	M112	X	12.807	12.807	0	%100
16	M112	Z	-7.394	-7.394	0	%100
17	M113	X	17.392	17.392	0	%100
18	M113	Z	-10.041	-10.041	0	%100
19	M115	X	18.319	18.319	0	%100
20	M115	Z	-10.576	-10.576	0	%100
21	M117	X	12.807	12.807	0	%100
22	M117	Z	-7.394	-7.394	0	%100
23	M118	X	4.348	4.348	0	%100
24	M118	Z	-2.51	-2.51	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,%]
25	M120	X	4.58	4.58	0	%100
26	M120	Z	-2.644	-2.644	0	%100
27	M125	X	6.048	6.048	0	%100
28	M125	Z	-3.492	-3.492	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	8.561	8.561	0	%100
32	M127	Z	-4.943	-4.943	0	%100
33	M128	X	8.561	8.561	0	%100
34	M128	Z	-4.943	-4.943	0	%100
35	M129	X	17.076	17.076	0	%100
36	M129	Z	-9.859	-9.859	0	%100
37	M132	X	2.371	2.371	0	%100
38	M132	Z	-1.369	-1.369	0	%100
39	M133	X	2.371	2.371	0	%100
40	M133	Z	-1.369	-1.369	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	4.348	4.348	0	%100
44	M138	Z	-2.51	-2.51	0	%100
45	M140	X	4.58	4.58	0	%100
46	M140	Z	-2.644	-2.644	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	4.348	4.348	0	%100
50	M143	Z	-2.51	-2.51	0	%100
51	M145	X	4.58	4.58	0	%100
52	M145	Z	-2.644	-2.644	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	7.588	7.588	0	%100
56	M151	Z	-4.381	-4.381	0	%100
57	M152	X	2.14	2.14	0	%100
58	M152	Z	-1.236	-1.236	0	%100
59	M153	X	2.14	2.14	0	%100
60	M153	Z	-1.236	-1.236	0	%100
61	M154	X	4.269	4.269	0	%100
62	M154	Z	-2.465	-2.465	0	%100
63	M157	X	2.371	2.371	0	%100
64	M157	Z	-1.369	-1.369	0	%100
65	M158	X	9.482	9.482	0	%100
66	M158	Z	-5.474	-5.474	0	%100
67	M162	X	12.807	12.807	0	%100
68	M162	Z	-7.394	-7.394	0	%100
69	M163	X	4.348	4.348	0	%100
70	M163	Z	-2.51	-2.51	0	%100
71	M165	X	4.58	4.58	0	%100
72	M165	Z	-2.644	-2.644	0	%100
73	M167	X	12.807	12.807	0	%100
74	M167	Z	-7.394	-7.394	0	%100
75	M168	X	17.392	17.392	0	%100
76	M168	Z	-10.041	-10.041	0	%100
77	M170	X	18.319	18.319	0	%100
78	M170	Z	-10.576	-10.576	0	%100
79	M175	X	6.048	6.048	0	%100
80	M175	Z	-3.492	-3.492	0	%100
81	M176	X	9.961	9.961	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,%]
82	M176	Z	-5.751	-5.751	0	%100
83	M177	X	2.49	2.49	0	%100
84	M177	Z	-1.438	-1.438	0	%100
85	MP1A	X	6.759	6.759	0	%100
86	MP1A	Z	-3.902	-3.902	0	%100
87	MP2A	X	6.759	6.759	0	%100
88	MP2A	Z	-3.902	-3.902	0	%100
89	MP3A	X	6.759	6.759	0	%100
90	MP3A	Z	-3.902	-3.902	0	%100
91	MP4A	X	6.759	6.759	0	%100
92	MP4A	Z	-3.902	-3.902	0	%100
93	MP1C	X	6.759	6.759	0	%100
94	MP1C	Z	-3.902	-3.902	0	%100
95	MP2C	X	6.759	6.759	0	%100
96	MP2C	Z	-3.902	-3.902	0	%100
97	MP3C	X	6.759	6.759	0	%100
98	MP3C	Z	-3.902	-3.902	0	%100
99	MP4C	X	6.759	6.759	0	%100
100	MP4C	Z	-3.902	-3.902	0	%100
101	MP1B	X	6.759	6.759	0	%100
102	MP1B	Z	-3.902	-3.902	0	%100
103	MP2B	X	6.759	6.759	0	%100
104	MP2B	Z	-3.902	-3.902	0	%100
105	MP3B	X	6.759	6.759	0	%100
106	MP3B	Z	-3.902	-3.902	0	%100
107	MP4B	X	6.759	6.759	0	%100
108	MP4B	Z	-3.902	-3.902	0	%100
109	OVP1	X	5.527	5.527	0	%100
110	OVP1	Z	-3.191	-3.191	0	%100
111	M105A	X	2.046	2.046	0	%100
112	M105A	Z	-1.181	-1.181	0	%100
113	M112A	X	8.182	8.182	0	%100
114	M112A	Z	-4.724	-4.724	0	%100
115	M119A	X	2.046	2.046	0	%100
116	M119A	Z	-1.181	-1.181	0	%100
117	M126A	X	8.538	8.538	0	%100
118	M126A	Z	-4.929	-4.929	0	%100
119	M127A	X	2.135	2.135	0	%100
120	M127A	Z	-1.232	-1.232	0	%100
121	M128A	X	2.135	2.135	0	%100
122	M128A	Z	-1.232	-1.232	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	11.683	11.683	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	0	0	0	%100
11	M107	X	8.212	8.212	0	%100
12	M107	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,%]
13	M108	X	8.212	8.212	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	19.718	19.718	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	15.062	15.062	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	15.865	15.865	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	19.718	19.718	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	15.062	15.062	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	15.865	15.865	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	9.311	9.311	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	2.921	2.921	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	7.414	7.414	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	7.414	7.414	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	14.788	14.788	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	8.212	8.212	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	0	0	0	%100
41	M137	X	4.929	4.929	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	15.062	15.062	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	15.865	15.865	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	4.929	4.929	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	0	0	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	0	0	0	%100
53	M150	X	2.328	2.328	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	2.921	2.921	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	7.414	7.414	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	7.414	7.414	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	14.788	14.788	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	0	0	0	%100
65	M158	X	8.212	8.212	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	4.929	4.929	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	M163	Z	0	0	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	0	0	0	%100
73	M167	X	4.929	4.929	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	15.062	15.062	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	15.865	15.865	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	2.328	2.328	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	8.627	8.627	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	8.627	8.627	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	7.805	7.805	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	7.805	7.805	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	7.805	7.805	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	7.805	7.805	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	7.805	7.805	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	7.805	7.805	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	7.805	7.805	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	7.805	7.805	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	7.805	7.805	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	7.805	7.805	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	7.805	7.805	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	7.805	7.805	0	%100
108	MP4B	Z	0	0	0	%100
109	OVP1	X	6.382	6.382	0	%100
110	OVP1	Z	0	0	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	0	0	0	%100
113	M112A	X	7.086	7.086	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	7.086	7.086	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	7.394	7.394	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	7.394	7.394	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	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,%]

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,%]
1	M100	X	2.49	2.49	0	%100
2	M100	Z	1.438	1.438	0	%100
3	M101	X	7.588	7.588	0	%100
4	M101	Z	4.381	4.381	0	%100
5	M102	X	2.14	2.14	0	%100
6	M102	Z	1.236	1.236	0	%100
7	M103	X	2.14	2.14	0	%100
8	M103	Z	1.236	1.236	0	%100
9	M104	X	4.269	4.269	0	%100
10	M104	Z	2.465	2.465	0	%100
11	M107	X	2.371	2.371	0	%100
12	M107	Z	1.369	1.369	0	%100
13	M108	X	9.482	9.482	0	%100
14	M108	Z	5.474	5.474	0	%100
15	M112	X	12.807	12.807	0	%100
16	M112	Z	7.394	7.394	0	%100
17	M113	X	4.348	4.348	0	%100
18	M113	Z	2.51	2.51	0	%100
19	M115	X	4.58	4.58	0	%100
20	M115	Z	2.644	2.644	0	%100
21	M117	X	12.807	12.807	0	%100
22	M117	Z	7.394	7.394	0	%100
23	M118	X	17.392	17.392	0	%100
24	M118	Z	10.041	10.041	0	%100
25	M120	X	18.319	18.319	0	%100
26	M120	Z	10.576	10.576	0	%100
27	M125	X	6.048	6.048	0	%100
28	M125	Z	3.492	3.492	0	%100
29	M126	X	7.588	7.588	0	%100
30	M126	Z	4.381	4.381	0	%100
31	M127	X	2.14	2.14	0	%100
32	M127	Z	1.236	1.236	0	%100
33	M128	X	2.14	2.14	0	%100
34	M128	Z	1.236	1.236	0	%100
35	M129	X	4.269	4.269	0	%100
36	M129	Z	2.465	2.465	0	%100
37	M132	X	9.482	9.482	0	%100
38	M132	Z	5.474	5.474	0	%100
39	M133	X	2.371	2.371	0	%100
40	M133	Z	1.369	1.369	0	%100
41	M137	X	12.807	12.807	0	%100
42	M137	Z	7.394	7.394	0	%100
43	M138	X	17.392	17.392	0	%100
44	M138	Z	10.041	10.041	0	%100
45	M140	X	18.319	18.319	0	%100
46	M140	Z	10.576	10.576	0	%100
47	M142	X	12.807	12.807	0	%100
48	M142	Z	7.394	7.394	0	%100
49	M143	X	4.348	4.348	0	%100
50	M143	Z	2.51	2.51	0	%100
51	M145	X	4.58	4.58	0	%100
52	M145	Z	2.644	2.644	0	%100
53	M150	X	6.048	6.048	0	%100
54	M150	Z	3.492	3.492	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	8.561	8.561	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,%]
58	M152	Z	4.943	4.943	0	%100
59	M153	X	8.561	8.561	0	%100
60	M153	Z	4.943	4.943	0	%100
61	M154	X	17.076	17.076	0	%100
62	M154	Z	9.859	9.859	0	%100
63	M157	X	2.371	2.371	0	%100
64	M157	Z	1.369	1.369	0	%100
65	M158	X	2.371	2.371	0	%100
66	M158	Z	1.369	1.369	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	4.348	4.348	0	%100
70	M163	Z	2.51	2.51	0	%100
71	M165	X	4.58	4.58	0	%100
72	M165	Z	2.644	2.644	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	4.348	4.348	0	%100
76	M168	Z	2.51	2.51	0	%100
77	M170	X	4.58	4.58	0	%100
78	M170	Z	2.644	2.644	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	2.49	2.49	0	%100
82	M176	Z	1.438	1.438	0	%100
83	M177	X	9.961	9.961	0	%100
84	M177	Z	5.751	5.751	0	%100
85	MP1A	X	6.759	6.759	0	%100
86	MP1A	Z	3.902	3.902	0	%100
87	MP2A	X	6.759	6.759	0	%100
88	MP2A	Z	3.902	3.902	0	%100
89	MP3A	X	6.759	6.759	0	%100
90	MP3A	Z	3.902	3.902	0	%100
91	MP4A	X	6.759	6.759	0	%100
92	MP4A	Z	3.902	3.902	0	%100
93	MP1C	X	6.759	6.759	0	%100
94	MP1C	Z	3.902	3.902	0	%100
95	MP2C	X	6.759	6.759	0	%100
96	MP2C	Z	3.902	3.902	0	%100
97	MP3C	X	6.759	6.759	0	%100
98	MP3C	Z	3.902	3.902	0	%100
99	MP4C	X	6.759	6.759	0	%100
100	MP4C	Z	3.902	3.902	0	%100
101	MP1B	X	6.759	6.759	0	%100
102	MP1B	Z	3.902	3.902	0	%100
103	MP2B	X	6.759	6.759	0	%100
104	MP2B	Z	3.902	3.902	0	%100
105	MP3B	X	6.759	6.759	0	%100
106	MP3B	Z	3.902	3.902	0	%100
107	MP4B	X	6.759	6.759	0	%100
108	MP4B	Z	3.902	3.902	0	%100
109	OVP1	X	5.527	5.527	0	%100
110	OVP1	Z	3.191	3.191	0	%100
111	M105A	X	2.046	2.046	0	%100
112	M105A	Z	1.181	1.181	0	%100
113	M112A	X	2.046	2.046	0	%100
114	M112A	Z	1.181	1.181	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,%]
115	M119A	X	8.182	8.182	0	%100
116	M119A	Z	4.724	4.724	0	%100
117	M126A	X	2.135	2.135	0	%100
118	M126A	Z	1.232	1.232	0	%100
119	M127A	X	8.538	8.538	0	%100
120	M127A	Z	4.929	4.929	0	%100
121	M128A	X	2.135	2.135	0	%100
122	M128A	Z	1.232	1.232	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	M100	X	4.313	4.313	0	%100
2	M100	Z	7.471	7.471	0	%100
3	M101	X	1.46	1.46	0	%100
4	M101	Z	2.529	2.529	0	%100
5	M102	X	3.707	3.707	0	%100
6	M102	Z	6.421	6.421	0	%100
7	M103	X	3.707	3.707	0	%100
8	M103	Z	6.421	6.421	0	%100
9	M104	X	7.394	7.394	0	%100
10	M104	Z	12.807	12.807	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	4.106	4.106	0	%100
14	M108	Z	7.112	7.112	0	%100
15	M112	X	2.465	2.465	0	%100
16	M112	Z	4.269	4.269	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	2.465	2.465	0	%100
22	M117	Z	4.269	4.269	0	%100
23	M118	X	7.531	7.531	0	%100
24	M118	Z	13.044	13.044	0	%100
25	M120	X	7.932	7.932	0	%100
26	M120	Z	13.739	13.739	0	%100
27	M125	X	1.164	1.164	0	%100
28	M125	Z	2.016	2.016	0	%100
29	M126	X	5.841	5.841	0	%100
30	M126	Z	10.118	10.118	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	4.106	4.106	0	%100
38	M132	Z	7.112	7.112	0	%100
39	M133	X	4.106	4.106	0	%100
40	M133	Z	7.112	7.112	0	%100
41	M137	X	9.859	9.859	0	%100
42	M137	Z	17.076	17.076	0	%100
43	M138	X	7.531	7.531	0	%100
44	M138	Z	13.044	13.044	0	%100
45	M140	X	7.932	7.932	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,%]
46	M140	Z	13.739	13.739	0	%100
47	M142	X	9.859	9.859	0	%100
48	M142	Z	17.076	17.076	0	%100
49	M143	X	7.531	7.531	0	%100
50	M143	Z	13.044	13.044	0	%100
51	M145	X	7.932	7.932	0	%100
52	M145	Z	13.739	13.739	0	%100
53	M150	X	4.656	4.656	0	%100
54	M150	Z	8.064	8.064	0	%100
55	M151	X	1.46	1.46	0	%100
56	M151	Z	2.529	2.529	0	%100
57	M152	X	3.707	3.707	0	%100
58	M152	Z	6.421	6.421	0	%100
59	M153	X	3.707	3.707	0	%100
60	M153	Z	6.421	6.421	0	%100
61	M154	X	7.394	7.394	0	%100
62	M154	Z	12.807	12.807	0	%100
63	M157	X	4.106	4.106	0	%100
64	M157	Z	7.112	7.112	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	2.465	2.465	0	%100
68	M162	Z	4.269	4.269	0	%100
69	M163	X	7.531	7.531	0	%100
70	M163	Z	13.044	13.044	0	%100
71	M165	X	7.932	7.932	0	%100
72	M165	Z	13.739	13.739	0	%100
73	M167	X	2.465	2.465	0	%100
74	M167	Z	4.269	4.269	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	1.164	1.164	0	%100
80	M175	Z	2.016	2.016	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	4.313	4.313	0	%100
84	M177	Z	7.471	7.471	0	%100
85	MP1A	X	3.902	3.902	0	%100
86	MP1A	Z	6.759	6.759	0	%100
87	MP2A	X	3.902	3.902	0	%100
88	MP2A	Z	6.759	6.759	0	%100
89	MP3A	X	3.902	3.902	0	%100
90	MP3A	Z	6.759	6.759	0	%100
91	MP4A	X	3.902	3.902	0	%100
92	MP4A	Z	6.759	6.759	0	%100
93	MP1C	X	3.902	3.902	0	%100
94	MP1C	Z	6.759	6.759	0	%100
95	MP2C	X	3.902	3.902	0	%100
96	MP2C	Z	6.759	6.759	0	%100
97	MP3C	X	3.902	3.902	0	%100
98	MP3C	Z	6.759	6.759	0	%100
99	MP4C	X	3.902	3.902	0	%100
100	MP4C	Z	6.759	6.759	0	%100
101	MP1B	X	3.902	3.902	0	%100
102	MP1B	Z	6.759	6.759	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,%]
103	MP2B	X	3.902	3.902	0	%100
104	MP2B	Z	6.759	6.759	0	%100
105	MP3B	X	3.902	3.902	0	%100
106	MP3B	Z	6.759	6.759	0	%100
107	MP4B	X	3.902	3.902	0	%100
108	MP4B	Z	6.759	6.759	0	%100
109	OVP1	X	3.191	3.191	0	%100
110	OVP1	Z	5.527	5.527	0	%100
111	M105A	X	3.543	3.543	0	%100
112	M105A	Z	6.137	6.137	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	3.543	3.543	0	%100
116	M119A	Z	6.137	6.137	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	3.697	3.697	0	%100
120	M127A	Z	6.404	6.404	0	%100
121	M128A	X	3.697	3.697	0	%100
122	M128A	Z	6.404	6.404	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	M100	X	0	0	0	%100
2	M100	Z	11.502	11.502	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	9.886	9.886	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	9.886	9.886	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	19.718	19.718	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	2.737	2.737	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	2.737	2.737	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	5.021	5.021	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	5.288	5.288	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	5.021	5.021	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	5.288	5.288	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	8.762	8.762	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	2.471	2.471	0	%100
33	M128	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,%]
34	M128	Z	2.471	2.471	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	4.929	4.929	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	2.737	2.737	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	10.949	10.949	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	14.788	14.788	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	5.021	5.021	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	5.288	5.288	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	14.788	14.788	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	20.083	20.083	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	21.153	21.153	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	6.983	6.983	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	8.762	8.762	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	2.471	2.471	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	2.471	2.471	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	4.929	4.929	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	10.949	10.949	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	2.737	2.737	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	14.788	14.788	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	20.083	20.083	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	21.153	21.153	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	14.788	14.788	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	5.021	5.021	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	5.288	5.288	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	6.983	6.983	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	2.876	2.876	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	2.876	2.876	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	7.805	7.805	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	7.805	7.805	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	7.805	7.805	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,%]
91	MP4A	X	0	0	0	%100
92	MP4A	Z	7.805	7.805	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	7.805	7.805	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	7.805	7.805	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	7.805	7.805	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	7.805	7.805	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	7.805	7.805	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	7.805	7.805	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	7.805	7.805	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	7.805	7.805	0	%100
109	OVP1	X	0	0	0	%100
110	OVP1	Z	6.382	6.382	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	9.448	9.448	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	2.362	2.362	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	2.362	2.362	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	2.465	2.465	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	2.465	2.465	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	9.859	9.859	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	M100	X	-4.313	-4.313	0	%100
2	M100	Z	7.471	7.471	0	%100
3	M101	X	-1.46	-1.46	0	%100
4	M101	Z	2.529	2.529	0	%100
5	M102	X	-3.707	-3.707	0	%100
6	M102	Z	6.421	6.421	0	%100
7	M103	X	-3.707	-3.707	0	%100
8	M103	Z	6.421	6.421	0	%100
9	M104	X	-7.394	-7.394	0	%100
10	M104	Z	12.807	12.807	0	%100
11	M107	X	-4.106	-4.106	0	%100
12	M107	Z	7.112	7.112	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	-2.465	-2.465	0	%100
16	M112	Z	4.269	4.269	0	%100
17	M113	X	-7.531	-7.531	0	%100
18	M113	Z	13.044	13.044	0	%100
19	M115	X	-7.932	-7.932	0	%100
20	M115	Z	13.739	13.739	0	%100
21	M117	X	-2.465	-2.465	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,%]
22	M117	Z	4.269	4.269	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	-1.164	-1.164	0	%100
28	M125	Z	2.016	2.016	0	%100
29	M126	X	-1.46	-1.46	0	%100
30	M126	Z	2.529	2.529	0	%100
31	M127	X	-3.707	-3.707	0	%100
32	M127	Z	6.421	6.421	0	%100
33	M128	X	-3.707	-3.707	0	%100
34	M128	Z	6.421	6.421	0	%100
35	M129	X	-7.394	-7.394	0	%100
36	M129	Z	12.807	12.807	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	-4.106	-4.106	0	%100
40	M133	Z	7.112	7.112	0	%100
41	M137	X	-2.465	-2.465	0	%100
42	M137	Z	4.269	4.269	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	-2.465	-2.465	0	%100
48	M142	Z	4.269	4.269	0	%100
49	M143	X	-7.531	-7.531	0	%100
50	M143	Z	13.044	13.044	0	%100
51	M145	X	-7.932	-7.932	0	%100
52	M145	Z	13.739	13.739	0	%100
53	M150	X	-1.164	-1.164	0	%100
54	M150	Z	2.016	2.016	0	%100
55	M151	X	-5.841	-5.841	0	%100
56	M151	Z	10.118	10.118	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	-4.106	-4.106	0	%100
64	M157	Z	7.112	7.112	0	%100
65	M158	X	-4.106	-4.106	0	%100
66	M158	Z	7.112	7.112	0	%100
67	M162	X	-9.859	-9.859	0	%100
68	M162	Z	17.076	17.076	0	%100
69	M163	X	-7.531	-7.531	0	%100
70	M163	Z	13.044	13.044	0	%100
71	M165	X	-7.932	-7.932	0	%100
72	M165	Z	13.739	13.739	0	%100
73	M167	X	-9.859	-9.859	0	%100
74	M167	Z	17.076	17.076	0	%100
75	M168	X	-7.531	-7.531	0	%100
76	M168	Z	13.044	13.044	0	%100
77	M170	X	-7.932	-7.932	0	%100
78	M170	Z	13.739	13.739	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,%]
79	M175	X	-4.656	-4.656	0	%100
80	M175	Z	8.064	8.064	0	%100
81	M176	X	-4.313	-4.313	0	%100
82	M176	Z	7.471	7.471	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	-3.902	-3.902	0	%100
86	MP1A	Z	6.759	6.759	0	%100
87	MP2A	X	-3.902	-3.902	0	%100
88	MP2A	Z	6.759	6.759	0	%100
89	MP3A	X	-3.902	-3.902	0	%100
90	MP3A	Z	6.759	6.759	0	%100
91	MP4A	X	-3.902	-3.902	0	%100
92	MP4A	Z	6.759	6.759	0	%100
93	MP1C	X	-3.902	-3.902	0	%100
94	MP1C	Z	6.759	6.759	0	%100
95	MP2C	X	-3.902	-3.902	0	%100
96	MP2C	Z	6.759	6.759	0	%100
97	MP3C	X	-3.902	-3.902	0	%100
98	MP3C	Z	6.759	6.759	0	%100
99	MP4C	X	-3.902	-3.902	0	%100
100	MP4C	Z	6.759	6.759	0	%100
101	MP1B	X	-3.902	-3.902	0	%100
102	MP1B	Z	6.759	6.759	0	%100
103	MP2B	X	-3.902	-3.902	0	%100
104	MP2B	Z	6.759	6.759	0	%100
105	MP3B	X	-3.902	-3.902	0	%100
106	MP3B	Z	6.759	6.759	0	%100
107	MP4B	X	-3.902	-3.902	0	%100
108	MP4B	Z	6.759	6.759	0	%100
109	OVP1	X	-3.191	-3.191	0	%100
110	OVP1	Z	5.527	5.527	0	%100
111	M105A	X	-3.543	-3.543	0	%100
112	M105A	Z	6.137	6.137	0	%100
113	M112A	X	-3.543	-3.543	0	%100
114	M112A	Z	6.137	6.137	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	-3.697	-3.697	0	%100
118	M126A	Z	6.404	6.404	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	-3.697	-3.697	0	%100
122	M128A	Z	6.404	6.404	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	M100	X	-2.49	-2.49	0	%100
2	M100	Z	1.438	1.438	0	%100
3	M101	X	-7.588	-7.588	0	%100
4	M101	Z	4.381	4.381	0	%100
5	M102	X	-2.14	-2.14	0	%100
6	M102	Z	1.236	1.236	0	%100
7	M103	X	-2.14	-2.14	0	%100
8	M103	Z	1.236	1.236	0	%100
9	M104	X	-4.269	-4.269	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,%]
10	M104	Z	2.465	2.465	0	%100
11	M107	X	-9.482	-9.482	0	%100
12	M107	Z	5.474	5.474	0	%100
13	M108	X	-2.371	-2.371	0	%100
14	M108	Z	1.369	1.369	0	%100
15	M112	X	-12.807	-12.807	0	%100
16	M112	Z	7.394	7.394	0	%100
17	M113	X	-17.392	-17.392	0	%100
18	M113	Z	10.041	10.041	0	%100
19	M115	X	-18.319	-18.319	0	%100
20	M115	Z	10.576	10.576	0	%100
21	M117	X	-12.807	-12.807	0	%100
22	M117	Z	7.394	7.394	0	%100
23	M118	X	-4.348	-4.348	0	%100
24	M118	Z	2.51	2.51	0	%100
25	M120	X	-4.58	-4.58	0	%100
26	M120	Z	2.644	2.644	0	%100
27	M125	X	-6.048	-6.048	0	%100
28	M125	Z	3.492	3.492	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-8.561	-8.561	0	%100
32	M127	Z	4.943	4.943	0	%100
33	M128	X	-8.561	-8.561	0	%100
34	M128	Z	4.943	4.943	0	%100
35	M129	X	-17.076	-17.076	0	%100
36	M129	Z	9.859	9.859	0	%100
37	M132	X	-2.371	-2.371	0	%100
38	M132	Z	1.369	1.369	0	%100
39	M133	X	-2.371	-2.371	0	%100
40	M133	Z	1.369	1.369	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	-4.348	-4.348	0	%100
44	M138	Z	2.51	2.51	0	%100
45	M140	X	-4.58	-4.58	0	%100
46	M140	Z	2.644	2.644	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	-4.348	-4.348	0	%100
50	M143	Z	2.51	2.51	0	%100
51	M145	X	-4.58	-4.58	0	%100
52	M145	Z	2.644	2.644	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-7.588	-7.588	0	%100
56	M151	Z	4.381	4.381	0	%100
57	M152	X	-2.14	-2.14	0	%100
58	M152	Z	1.236	1.236	0	%100
59	M153	X	-2.14	-2.14	0	%100
60	M153	Z	1.236	1.236	0	%100
61	M154	X	-4.269	-4.269	0	%100
62	M154	Z	2.465	2.465	0	%100
63	M157	X	-2.371	-2.371	0	%100
64	M157	Z	1.369	1.369	0	%100
65	M158	X	-9.482	-9.482	0	%100
66	M158	Z	5.474	5.474	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,%]
67	M162	X	-12.807	-12.807	0	%100
68	M162	Z	7.394	7.394	0	%100
69	M163	X	-4.348	-4.348	0	%100
70	M163	Z	2.51	2.51	0	%100
71	M165	X	-4.58	-4.58	0	%100
72	M165	Z	2.644	2.644	0	%100
73	M167	X	-12.807	-12.807	0	%100
74	M167	Z	7.394	7.394	0	%100
75	M168	X	-17.392	-17.392	0	%100
76	M168	Z	10.041	10.041	0	%100
77	M170	X	-18.319	-18.319	0	%100
78	M170	Z	10.576	10.576	0	%100
79	M175	X	-6.048	-6.048	0	%100
80	M175	Z	3.492	3.492	0	%100
81	M176	X	-9.961	-9.961	0	%100
82	M176	Z	5.751	5.751	0	%100
83	M177	X	-2.49	-2.49	0	%100
84	M177	Z	1.438	1.438	0	%100
85	MP1A	X	-6.759	-6.759	0	%100
86	MP1A	Z	3.902	3.902	0	%100
87	MP2A	X	-6.759	-6.759	0	%100
88	MP2A	Z	3.902	3.902	0	%100
89	MP3A	X	-6.759	-6.759	0	%100
90	MP3A	Z	3.902	3.902	0	%100
91	MP4A	X	-6.759	-6.759	0	%100
92	MP4A	Z	3.902	3.902	0	%100
93	MP1C	X	-6.759	-6.759	0	%100
94	MP1C	Z	3.902	3.902	0	%100
95	MP2C	X	-6.759	-6.759	0	%100
96	MP2C	Z	3.902	3.902	0	%100
97	MP3C	X	-6.759	-6.759	0	%100
98	MP3C	Z	3.902	3.902	0	%100
99	MP4C	X	-6.759	-6.759	0	%100
100	MP4C	Z	3.902	3.902	0	%100
101	MP1B	X	-6.759	-6.759	0	%100
102	MP1B	Z	3.902	3.902	0	%100
103	MP2B	X	-6.759	-6.759	0	%100
104	MP2B	Z	3.902	3.902	0	%100
105	MP3B	X	-6.759	-6.759	0	%100
106	MP3B	Z	3.902	3.902	0	%100
107	MP4B	X	-6.759	-6.759	0	%100
108	MP4B	Z	3.902	3.902	0	%100
109	OVP1	X	-5.527	-5.527	0	%100
110	OVP1	Z	3.191	3.191	0	%100
111	M105A	X	-2.046	-2.046	0	%100
112	M105A	Z	1.181	1.181	0	%100
113	M112A	X	-8.182	-8.182	0	%100
114	M112A	Z	4.724	4.724	0	%100
115	M119A	X	-2.046	-2.046	0	%100
116	M119A	Z	1.181	1.181	0	%100
117	M126A	X	-8.538	-8.538	0	%100
118	M126A	Z	4.929	4.929	0	%100
119	M127A	X	-2.135	-2.135	0	%100
120	M127A	Z	1.232	1.232	0	%100
121	M128A	X	-2.135	-2.135	0	%100
122	M128A	Z	1.232	1.232	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	-11.683	-11.683	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	0	0	0	%100
11	M107	X	-8.212	-8.212	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	-8.212	-8.212	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	-19.718	-19.718	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	-15.062	-15.062	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	-15.865	-15.865	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	-19.718	-19.718	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	-15.062	-15.062	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	-15.865	-15.865	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	-9.311	-9.311	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	-2.921	-2.921	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-7.414	-7.414	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	-7.414	-7.414	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	-14.788	-14.788	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	-8.212	-8.212	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	0	0	0	%100
41	M137	X	-4.929	-4.929	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	-15.062	-15.062	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	-15.865	-15.865	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	-4.929	-4.929	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	0	0	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	0	0	0	%100
53	M150	X	-2.328	-2.328	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-2.921	-2.921	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	-7.414	-7.414	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,%]
58	M152	Z	0	0	0	%100
59	M153	X	-7.414	-7.414	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	-14.788	-14.788	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	0	0	0	%100
65	M158	X	-8.212	-8.212	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	-4.929	-4.929	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	0	0	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	0	0	0	%100
73	M167	X	-4.929	-4.929	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	-15.062	-15.062	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	-15.865	-15.865	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	-2.328	-2.328	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	-8.627	-8.627	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	-8.627	-8.627	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	-7.805	-7.805	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	-7.805	-7.805	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	-7.805	-7.805	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	-7.805	-7.805	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	-7.805	-7.805	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	-7.805	-7.805	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	-7.805	-7.805	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	-7.805	-7.805	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	-7.805	-7.805	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-7.805	-7.805	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-7.805	-7.805	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-7.805	-7.805	0	%100
108	MP4B	Z	0	0	0	%100
109	OVP1	X	-6.382	-6.382	0	%100
110	OVP1	Z	0	0	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	0	0	0	%100
113	M112A	X	-7.086	-7.086	0	%100
114	M112A	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,%]
115	M119A	X	-7.086	-7.086	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	-7.394	-7.394	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	-7.394	-7.394	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	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	M100	X	-2.49	-2.49	0	%100
2	M100	Z	-1.438	-1.438	0	%100
3	M101	X	-7.588	-7.588	0	%100
4	M101	Z	-4.381	-4.381	0	%100
5	M102	X	-2.14	-2.14	0	%100
6	M102	Z	-1.236	-1.236	0	%100
7	M103	X	-2.14	-2.14	0	%100
8	M103	Z	-1.236	-1.236	0	%100
9	M104	X	-4.269	-4.269	0	%100
10	M104	Z	-2.465	-2.465	0	%100
11	M107	X	-2.371	-2.371	0	%100
12	M107	Z	-1.369	-1.369	0	%100
13	M108	X	-9.482	-9.482	0	%100
14	M108	Z	-5.474	-5.474	0	%100
15	M112	X	-12.807	-12.807	0	%100
16	M112	Z	-7.394	-7.394	0	%100
17	M113	X	-4.348	-4.348	0	%100
18	M113	Z	-2.51	-2.51	0	%100
19	M115	X	-4.58	-4.58	0	%100
20	M115	Z	-2.644	-2.644	0	%100
21	M117	X	-12.807	-12.807	0	%100
22	M117	Z	-7.394	-7.394	0	%100
23	M118	X	-17.392	-17.392	0	%100
24	M118	Z	-10.041	-10.041	0	%100
25	M120	X	-18.319	-18.319	0	%100
26	M120	Z	-10.576	-10.576	0	%100
27	M125	X	-6.048	-6.048	0	%100
28	M125	Z	-3.492	-3.492	0	%100
29	M126	X	-7.588	-7.588	0	%100
30	M126	Z	-4.381	-4.381	0	%100
31	M127	X	-2.14	-2.14	0	%100
32	M127	Z	-1.236	-1.236	0	%100
33	M128	X	-2.14	-2.14	0	%100
34	M128	Z	-1.236	-1.236	0	%100
35	M129	X	-4.269	-4.269	0	%100
36	M129	Z	-2.465	-2.465	0	%100
37	M132	X	-9.482	-9.482	0	%100
38	M132	Z	-5.474	-5.474	0	%100
39	M133	X	-2.371	-2.371	0	%100
40	M133	Z	-1.369	-1.369	0	%100
41	M137	X	-12.807	-12.807	0	%100
42	M137	Z	-7.394	-7.394	0	%100
43	M138	X	-17.392	-17.392	0	%100
44	M138	Z	-10.041	-10.041	0	%100
45	M140	X	-18.319	-18.319	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,%]
46	M140	Z	-10.576	-10.576	0	%100
47	M142	X	-12.807	-12.807	0	%100
48	M142	Z	-7.394	-7.394	0	%100
49	M143	X	-4.348	-4.348	0	%100
50	M143	Z	-2.51	-2.51	0	%100
51	M145	X	-4.58	-4.58	0	%100
52	M145	Z	-2.644	-2.644	0	%100
53	M150	X	-6.048	-6.048	0	%100
54	M150	Z	-3.492	-3.492	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	-8.561	-8.561	0	%100
58	M152	Z	-4.943	-4.943	0	%100
59	M153	X	-8.561	-8.561	0	%100
60	M153	Z	-4.943	-4.943	0	%100
61	M154	X	-17.076	-17.076	0	%100
62	M154	Z	-9.859	-9.859	0	%100
63	M157	X	-2.371	-2.371	0	%100
64	M157	Z	-1.369	-1.369	0	%100
65	M158	X	-2.371	-2.371	0	%100
66	M158	Z	-1.369	-1.369	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	-4.348	-4.348	0	%100
70	M163	Z	-2.51	-2.51	0	%100
71	M165	X	-4.58	-4.58	0	%100
72	M165	Z	-2.644	-2.644	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	-4.348	-4.348	0	%100
76	M168	Z	-2.51	-2.51	0	%100
77	M170	X	-4.58	-4.58	0	%100
78	M170	Z	-2.644	-2.644	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	-2.49	-2.49	0	%100
82	M176	Z	-1.438	-1.438	0	%100
83	M177	X	-9.961	-9.961	0	%100
84	M177	Z	-5.751	-5.751	0	%100
85	MP1A	X	-6.759	-6.759	0	%100
86	MP1A	Z	-3.902	-3.902	0	%100
87	MP2A	X	-6.759	-6.759	0	%100
88	MP2A	Z	-3.902	-3.902	0	%100
89	MP3A	X	-6.759	-6.759	0	%100
90	MP3A	Z	-3.902	-3.902	0	%100
91	MP4A	X	-6.759	-6.759	0	%100
92	MP4A	Z	-3.902	-3.902	0	%100
93	MP1C	X	-6.759	-6.759	0	%100
94	MP1C	Z	-3.902	-3.902	0	%100
95	MP2C	X	-6.759	-6.759	0	%100
96	MP2C	Z	-3.902	-3.902	0	%100
97	MP3C	X	-6.759	-6.759	0	%100
98	MP3C	Z	-3.902	-3.902	0	%100
99	MP4C	X	-6.759	-6.759	0	%100
100	MP4C	Z	-3.902	-3.902	0	%100
101	MP1B	X	-6.759	-6.759	0	%100
102	MP1B	Z	-3.902	-3.902	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,%]
103	MP2B	X	-6.759	-6.759	0	%100
104	MP2B	Z	-3.902	-3.902	0	%100
105	MP3B	X	-6.759	-6.759	0	%100
106	MP3B	Z	-3.902	-3.902	0	%100
107	MP4B	X	-6.759	-6.759	0	%100
108	MP4B	Z	-3.902	-3.902	0	%100
109	OVP1	X	-5.527	-5.527	0	%100
110	OVP1	Z	-3.191	-3.191	0	%100
111	M105A	X	-2.046	-2.046	0	%100
112	M105A	Z	-1.181	-1.181	0	%100
113	M112A	X	-2.046	-2.046	0	%100
114	M112A	Z	-1.181	-1.181	0	%100
115	M119A	X	-8.182	-8.182	0	%100
116	M119A	Z	-4.724	-4.724	0	%100
117	M126A	X	-2.135	-2.135	0	%100
118	M126A	Z	-1.232	-1.232	0	%100
119	M127A	X	-8.538	-8.538	0	%100
120	M127A	Z	-4.929	-4.929	0	%100
121	M128A	X	-2.135	-2.135	0	%100
122	M128A	Z	-1.232	-1.232	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	M100	X	-4.313	-4.313	0	%100
2	M100	Z	-7.471	-7.471	0	%100
3	M101	X	-1.46	-1.46	0	%100
4	M101	Z	-2.529	-2.529	0	%100
5	M102	X	-3.707	-3.707	0	%100
6	M102	Z	-6.421	-6.421	0	%100
7	M103	X	-3.707	-3.707	0	%100
8	M103	Z	-6.421	-6.421	0	%100
9	M104	X	-7.394	-7.394	0	%100
10	M104	Z	-12.807	-12.807	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	-4.106	-4.106	0	%100
14	M108	Z	-7.112	-7.112	0	%100
15	M112	X	-2.465	-2.465	0	%100
16	M112	Z	-4.269	-4.269	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	-2.465	-2.465	0	%100
22	M117	Z	-4.269	-4.269	0	%100
23	M118	X	-7.531	-7.531	0	%100
24	M118	Z	-13.044	-13.044	0	%100
25	M120	X	-7.932	-7.932	0	%100
26	M120	Z	-13.739	-13.739	0	%100
27	M125	X	-1.164	-1.164	0	%100
28	M125	Z	-2.016	-2.016	0	%100
29	M126	X	-5.841	-5.841	0	%100
30	M126	Z	-10.118	-10.118	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M128	Z	0	0	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	-4.106	-4.106	0	%100
38	M132	Z	-7.112	-7.112	0	%100
39	M133	X	-4.106	-4.106	0	%100
40	M133	Z	-7.112	-7.112	0	%100
41	M137	X	-9.859	-9.859	0	%100
42	M137	Z	-17.076	-17.076	0	%100
43	M138	X	-7.531	-7.531	0	%100
44	M138	Z	-13.044	-13.044	0	%100
45	M140	X	-7.932	-7.932	0	%100
46	M140	Z	-13.739	-13.739	0	%100
47	M142	X	-9.859	-9.859	0	%100
48	M142	Z	-17.076	-17.076	0	%100
49	M143	X	-7.531	-7.531	0	%100
50	M143	Z	-13.044	-13.044	0	%100
51	M145	X	-7.932	-7.932	0	%100
52	M145	Z	-13.739	-13.739	0	%100
53	M150	X	-4.656	-4.656	0	%100
54	M150	Z	-8.064	-8.064	0	%100
55	M151	X	-1.46	-1.46	0	%100
56	M151	Z	-2.529	-2.529	0	%100
57	M152	X	-3.707	-3.707	0	%100
58	M152	Z	-6.421	-6.421	0	%100
59	M153	X	-3.707	-3.707	0	%100
60	M153	Z	-6.421	-6.421	0	%100
61	M154	X	-7.394	-7.394	0	%100
62	M154	Z	-12.807	-12.807	0	%100
63	M157	X	-4.106	-4.106	0	%100
64	M157	Z	-7.112	-7.112	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	-2.465	-2.465	0	%100
68	M162	Z	-4.269	-4.269	0	%100
69	M163	X	-7.531	-7.531	0	%100
70	M163	Z	-13.044	-13.044	0	%100
71	M165	X	-7.932	-7.932	0	%100
72	M165	Z	-13.739	-13.739	0	%100
73	M167	X	-2.465	-2.465	0	%100
74	M167	Z	-4.269	-4.269	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	-1.164	-1.164	0	%100
80	M175	Z	-2.016	-2.016	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	-4.313	-4.313	0	%100
84	M177	Z	-7.471	-7.471	0	%100
85	MP1A	X	-3.902	-3.902	0	%100
86	MP1A	Z	-6.759	-6.759	0	%100
87	MP2A	X	-3.902	-3.902	0	%100
88	MP2A	Z	-6.759	-6.759	0	%100
89	MP3A	X	-3.902	-3.902	0	%100
90	MP3A	Z	-6.759	-6.759	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,%]
91	MP4A	X	-3.902	-3.902	0	%100
92	MP4A	Z	-6.759	-6.759	0	%100
93	MP1C	X	-3.902	-3.902	0	%100
94	MP1C	Z	-6.759	-6.759	0	%100
95	MP2C	X	-3.902	-3.902	0	%100
96	MP2C	Z	-6.759	-6.759	0	%100
97	MP3C	X	-3.902	-3.902	0	%100
98	MP3C	Z	-6.759	-6.759	0	%100
99	MP4C	X	-3.902	-3.902	0	%100
100	MP4C	Z	-6.759	-6.759	0	%100
101	MP1B	X	-3.902	-3.902	0	%100
102	MP1B	Z	-6.759	-6.759	0	%100
103	MP2B	X	-3.902	-3.902	0	%100
104	MP2B	Z	-6.759	-6.759	0	%100
105	MP3B	X	-3.902	-3.902	0	%100
106	MP3B	Z	-6.759	-6.759	0	%100
107	MP4B	X	-3.902	-3.902	0	%100
108	MP4B	Z	-6.759	-6.759	0	%100
109	OVP1	X	-3.191	-3.191	0	%100
110	OVP1	Z	-5.527	-5.527	0	%100
111	M105A	X	-3.543	-3.543	0	%100
112	M105A	Z	-6.137	-6.137	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	-3.543	-3.543	0	%100
116	M119A	Z	-6.137	-6.137	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	-3.697	-3.697	0	%100
120	M127A	Z	-6.404	-6.404	0	%100
121	M128A	X	-3.697	-3.697	0	%100
122	M128A	Z	-6.404	-6.404	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	M100	X	0	0	0	%100
2	M100	Z	-3.306	-3.306	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-2.72	-2.72	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-2.72	-2.72	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	-4.257	-4.257	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-.783	-.783	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	-.783	-.783	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	-1.063	-1.063	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	-1.109	-1.109	0	%100
21	M117	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,%]
22	M117	Z	0	0	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	-1.063	-1.063	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	-1.109	-1.109	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-2.503	-2.503	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-.68	-.68	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	-.68	-.68	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	-1.064	-1.064	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	-.783	-.783	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	-3.131	-3.131	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	-3.14	-3.14	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	-1.063	-1.063	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	-1.109	-1.109	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	-3.14	-3.14	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	-4.25	-4.25	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	-4.436	-4.436	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-1.803	-1.803	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-2.503	-2.503	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	-.68	-.68	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	-.68	-.68	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	-1.064	-1.064	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	-3.131	-3.131	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	-.783	-.783	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	-3.14	-3.14	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	-4.25	-4.25	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	-4.436	-4.436	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	-3.14	-3.14	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	-1.063	-1.063	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	-1.109	-1.109	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,%]
79	M175	X	0	0	0	%100
80	M175	Z	-1.803	-1.803	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	-.826	-.826	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	-.826	-.826	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	-2.664	-2.664	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-2.664	-2.664	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	-2.664	-2.664	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-2.664	-2.664	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-2.664	-2.664	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-2.664	-2.664	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-2.664	-2.664	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-2.664	-2.664	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-2.664	-2.664	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-2.664	-2.664	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	-2.664	-2.664	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-2.664	-2.664	0	%100
109	OVP1	X	0	0	0	%100
110	OVP1	Z	-2.191	-2.191	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	-2.949	-2.949	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	-.737	-.737	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	-.737	-.737	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	-.619	-.619	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	-.619	-.619	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	-2.477	-2.477	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	M100	X	1.24	1.24	0	%100
2	M100	Z	-2.147	-2.147	0	%100
3	M101	X	.417	.417	0	%100
4	M101	Z	-.722	-.722	0	%100
5	M102	X	1.02	1.02	0	%100
6	M102	Z	-1.767	-1.767	0	%100
7	M103	X	1.02	1.02	0	%100
8	M103	Z	-1.767	-1.767	0	%100
9	M104	X	1.596	1.596	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,%]
10	M104	Z	-2.765	-2.765	0	%100
11	M107	X	1.174	1.174	0	%100
12	M107	Z	-2.034	-2.034	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	.523	.523	0	%100
16	M112	Z	-.906	-.906	0	%100
17	M113	X	1.594	1.594	0	%100
18	M113	Z	-2.76	-2.76	0	%100
19	M115	X	1.663	1.663	0	%100
20	M115	Z	-2.881	-2.881	0	%100
21	M117	X	.523	.523	0	%100
22	M117	Z	-.906	-.906	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	.3	.3	0	%100
28	M125	Z	-.52	-.52	0	%100
29	M126	X	.417	.417	0	%100
30	M126	Z	-.722	-.722	0	%100
31	M127	X	1.02	1.02	0	%100
32	M127	Z	-1.767	-1.767	0	%100
33	M128	X	1.02	1.02	0	%100
34	M128	Z	-1.767	-1.767	0	%100
35	M129	X	1.596	1.596	0	%100
36	M129	Z	-2.765	-2.765	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	1.174	1.174	0	%100
40	M133	Z	-2.034	-2.034	0	%100
41	M137	X	.523	.523	0	%100
42	M137	Z	-.906	-.906	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	.523	.523	0	%100
48	M142	Z	-.906	-.906	0	%100
49	M143	X	1.594	1.594	0	%100
50	M143	Z	-2.76	-2.76	0	%100
51	M145	X	1.663	1.663	0	%100
52	M145	Z	-2.881	-2.881	0	%100
53	M150	X	.3	.3	0	%100
54	M150	Z	-.52	-.52	0	%100
55	M151	X	1.669	1.669	0	%100
56	M151	Z	-2.89	-2.89	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	1.174	1.174	0	%100
64	M157	Z	-2.034	-2.034	0	%100
65	M158	X	1.174	1.174	0	%100
66	M158	Z	-2.034	-2.034	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,%]
67	M162	X	2.093	2.093	0	%100
68	M162	Z	-3.626	-3.626	0	%100
69	M163	X	1.594	1.594	0	%100
70	M163	Z	-2.76	-2.76	0	%100
71	M165	X	1.663	1.663	0	%100
72	M165	Z	-2.881	-2.881	0	%100
73	M167	X	2.093	2.093	0	%100
74	M167	Z	-3.626	-3.626	0	%100
75	M168	X	1.594	1.594	0	%100
76	M168	Z	-2.76	-2.76	0	%100
77	M170	X	1.663	1.663	0	%100
78	M170	Z	-2.881	-2.881	0	%100
79	M175	X	1.202	1.202	0	%100
80	M175	Z	-2.082	-2.082	0	%100
81	M176	X	1.24	1.24	0	%100
82	M176	Z	-2.147	-2.147	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	1.332	1.332	0	%100
86	MP1A	Z	-2.307	-2.307	0	%100
87	MP2A	X	1.332	1.332	0	%100
88	MP2A	Z	-2.307	-2.307	0	%100
89	MP3A	X	1.332	1.332	0	%100
90	MP3A	Z	-2.307	-2.307	0	%100
91	MP4A	X	1.332	1.332	0	%100
92	MP4A	Z	-2.307	-2.307	0	%100
93	MP1C	X	1.332	1.332	0	%100
94	MP1C	Z	-2.307	-2.307	0	%100
95	MP2C	X	1.332	1.332	0	%100
96	MP2C	Z	-2.307	-2.307	0	%100
97	MP3C	X	1.332	1.332	0	%100
98	MP3C	Z	-2.307	-2.307	0	%100
99	MP4C	X	1.332	1.332	0	%100
100	MP4C	Z	-2.307	-2.307	0	%100
101	MP1B	X	1.332	1.332	0	%100
102	MP1B	Z	-2.307	-2.307	0	%100
103	MP2B	X	1.332	1.332	0	%100
104	MP2B	Z	-2.307	-2.307	0	%100
105	MP3B	X	1.332	1.332	0	%100
106	MP3B	Z	-2.307	-2.307	0	%100
107	MP4B	X	1.332	1.332	0	%100
108	MP4B	Z	-2.307	-2.307	0	%100
109	OVP1	X	1.096	1.096	0	%100
110	OVP1	Z	-1.898	-1.898	0	%100
111	M105A	X	1.106	1.106	0	%100
112	M105A	Z	-1.915	-1.915	0	%100
113	M112A	X	1.106	1.106	0	%100
114	M112A	Z	-1.915	-1.915	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	.929	.929	0	%100
118	M126A	Z	-1.609	-1.609	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	.929	.929	0	%100
122	M128A	Z	-1.609	-1.609	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	M100	X	.716	.716	0	%100
2	M100	Z	-.413	-.413	0	%100
3	M101	X	2.167	2.167	0	%100
4	M101	Z	-1.251	-1.251	0	%100
5	M102	X	.589	.589	0	%100
6	M102	Z	-.34	-.34	0	%100
7	M103	X	.589	.589	0	%100
8	M103	Z	-.34	-.34	0	%100
9	M104	X	.922	.922	0	%100
10	M104	Z	-.532	-.532	0	%100
11	M107	X	2.712	2.712	0	%100
12	M107	Z	-1.566	-1.566	0	%100
13	M108	X	.678	.678	0	%100
14	M108	Z	-.391	-.391	0	%100
15	M112	X	2.719	2.719	0	%100
16	M112	Z	-1.57	-1.57	0	%100
17	M113	X	3.681	3.681	0	%100
18	M113	Z	-2.125	-2.125	0	%100
19	M115	X	3.842	3.842	0	%100
20	M115	Z	-2.218	-2.218	0	%100
21	M117	X	2.719	2.719	0	%100
22	M117	Z	-1.57	-1.57	0	%100
23	M118	X	.92	.92	0	%100
24	M118	Z	-.531	-.531	0	%100
25	M120	X	.96	.96	0	%100
26	M120	Z	-.554	-.554	0	%100
27	M125	X	1.561	1.561	0	%100
28	M125	Z	-.901	-.901	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	2.356	2.356	0	%100
32	M127	Z	-1.36	-1.36	0	%100
33	M128	X	2.356	2.356	0	%100
34	M128	Z	-1.36	-1.36	0	%100
35	M129	X	3.687	3.687	0	%100
36	M129	Z	-2.128	-2.128	0	%100
37	M132	X	.678	.678	0	%100
38	M132	Z	-.391	-.391	0	%100
39	M133	X	.678	.678	0	%100
40	M133	Z	-.391	-.391	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	.92	.92	0	%100
44	M138	Z	-.531	-.531	0	%100
45	M140	X	.96	.96	0	%100
46	M140	Z	-.554	-.554	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	.92	.92	0	%100
50	M143	Z	-.531	-.531	0	%100
51	M145	X	.96	.96	0	%100
52	M145	Z	-.554	-.554	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	2.167	2.167	0	%100
56	M151	Z	-1.251	-1.251	0	%100
57	M152	X	.589	.589	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,%]
58	M152	Z	-.34	-.34	0	%100
59	M153	X	.589	.589	0	%100
60	M153	Z	-.34	-.34	0	%100
61	M154	X	.922	.922	0	%100
62	M154	Z	-.532	-.532	0	%100
63	M157	X	.678	.678	0	%100
64	M157	Z	-.391	-.391	0	%100
65	M158	X	2.712	2.712	0	%100
66	M158	Z	-1.566	-1.566	0	%100
67	M162	X	2.719	2.719	0	%100
68	M162	Z	-1.57	-1.57	0	%100
69	M163	X	.92	.92	0	%100
70	M163	Z	-.531	-.531	0	%100
71	M165	X	.96	.96	0	%100
72	M165	Z	-.554	-.554	0	%100
73	M167	X	2.719	2.719	0	%100
74	M167	Z	-1.57	-1.57	0	%100
75	M168	X	3.681	3.681	0	%100
76	M168	Z	-2.125	-2.125	0	%100
77	M170	X	3.842	3.842	0	%100
78	M170	Z	-2.218	-2.218	0	%100
79	M175	X	1.561	1.561	0	%100
80	M175	Z	-.901	-.901	0	%100
81	M176	X	2.863	2.863	0	%100
82	M176	Z	-1.653	-1.653	0	%100
83	M177	X	.716	.716	0	%100
84	M177	Z	-.413	-.413	0	%100
85	MP1A	X	2.307	2.307	0	%100
86	MP1A	Z	-1.332	-1.332	0	%100
87	MP2A	X	2.307	2.307	0	%100
88	MP2A	Z	-1.332	-1.332	0	%100
89	MP3A	X	2.307	2.307	0	%100
90	MP3A	Z	-1.332	-1.332	0	%100
91	MP4A	X	2.307	2.307	0	%100
92	MP4A	Z	-1.332	-1.332	0	%100
93	MP1C	X	2.307	2.307	0	%100
94	MP1C	Z	-1.332	-1.332	0	%100
95	MP2C	X	2.307	2.307	0	%100
96	MP2C	Z	-1.332	-1.332	0	%100
97	MP3C	X	2.307	2.307	0	%100
98	MP3C	Z	-1.332	-1.332	0	%100
99	MP4C	X	2.307	2.307	0	%100
100	MP4C	Z	-1.332	-1.332	0	%100
101	MP1B	X	2.307	2.307	0	%100
102	MP1B	Z	-1.332	-1.332	0	%100
103	MP2B	X	2.307	2.307	0	%100
104	MP2B	Z	-1.332	-1.332	0	%100
105	MP3B	X	2.307	2.307	0	%100
106	MP3B	Z	-1.332	-1.332	0	%100
107	MP4B	X	2.307	2.307	0	%100
108	MP4B	Z	-1.332	-1.332	0	%100
109	OVP1	X	1.898	1.898	0	%100
110	OVP1	Z	-1.096	-1.096	0	%100
111	M105A	X	.638	.638	0	%100
112	M105A	Z	-.369	-.369	0	%100
113	M112A	X	2.554	2.554	0	%100
114	M112A	Z	-1.475	-1.475	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,%]
115	M119A	X	.638	.638	0	%100
116	M119A	Z	-.369	-.369	0	%100
117	M126A	X	2.145	2.145	0	%100
118	M126A	Z	-1.239	-1.239	0	%100
119	M127A	X	.536	.536	0	%100
120	M127A	Z	-.31	-.31	0	%100
121	M128A	X	.536	.536	0	%100
122	M128A	Z	-.31	-.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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	3.337	3.337	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	0	0	0	%100
11	M107	X	2.349	2.349	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	2.349	2.349	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	4.187	4.187	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	3.188	3.188	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	3.327	3.327	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	4.187	4.187	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	3.188	3.188	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	3.327	3.327	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	2.404	2.404	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	.834	.834	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	2.04	2.04	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	2.04	2.04	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	3.193	3.193	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	2.349	2.349	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	0	0	0	%100
41	M137	X	1.047	1.047	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	3.188	3.188	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	3.327	3.327	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,%]
46	M140	Z	0	0	0	%100
47	M142	X	1.047	1.047	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	0	0	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	0	0	0	%100
53	M150	X	.601	.601	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	.834	.834	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	2.04	2.04	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	2.04	2.04	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	3.193	3.193	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	0	0	0	%100
65	M158	X	2.349	2.349	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	1.047	1.047	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	0	0	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	0	0	0	%100
73	M167	X	1.047	1.047	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	3.188	3.188	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	3.327	3.327	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	.601	.601	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	2.479	2.479	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	2.479	2.479	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	2.664	2.664	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	2.664	2.664	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	2.664	2.664	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	2.664	2.664	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	2.664	2.664	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	2.664	2.664	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	2.664	2.664	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	2.664	2.664	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	2.664	2.664	0	%100
102	MP1B	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,%]
103	MP2B	X	2.664	2.664	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	2.664	2.664	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	2.664	2.664	0	%100
108	MP4B	Z	0	0	0	%100
109	OVP1	X	2.191	2.191	0	%100
110	OVP1	Z	0	0	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	0	0	0	%100
113	M112A	X	2.212	2.212	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	2.212	2.212	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	1.858	1.858	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	1.858	1.858	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	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	M100	X	.716	.716	0	%100
2	M100	Z	.413	.413	0	%100
3	M101	X	2.167	2.167	0	%100
4	M101	Z	1.251	1.251	0	%100
5	M102	X	.589	.589	0	%100
6	M102	Z	.34	.34	0	%100
7	M103	X	.589	.589	0	%100
8	M103	Z	.34	.34	0	%100
9	M104	X	.922	.922	0	%100
10	M104	Z	.532	.532	0	%100
11	M107	X	.678	.678	0	%100
12	M107	Z	.391	.391	0	%100
13	M108	X	2.712	2.712	0	%100
14	M108	Z	1.566	1.566	0	%100
15	M112	X	2.719	2.719	0	%100
16	M112	Z	1.57	1.57	0	%100
17	M113	X	.92	.92	0	%100
18	M113	Z	.531	.531	0	%100
19	M115	X	.96	.96	0	%100
20	M115	Z	.554	.554	0	%100
21	M117	X	2.719	2.719	0	%100
22	M117	Z	1.57	1.57	0	%100
23	M118	X	3.681	3.681	0	%100
24	M118	Z	2.125	2.125	0	%100
25	M120	X	3.842	3.842	0	%100
26	M120	Z	2.218	2.218	0	%100
27	M125	X	1.561	1.561	0	%100
28	M125	Z	.901	.901	0	%100
29	M126	X	2.167	2.167	0	%100
30	M126	Z	1.251	1.251	0	%100
31	M127	X	.589	.589	0	%100
32	M127	Z	.34	.34	0	%100
33	M128	X	.589	.589	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,%]
34	M128	Z	.34	.34	0	%100
35	M129	X	.922	.922	0	%100
36	M129	Z	.532	.532	0	%100
37	M132	X	2.712	2.712	0	%100
38	M132	Z	1.566	1.566	0	%100
39	M133	X	.678	.678	0	%100
40	M133	Z	.391	.391	0	%100
41	M137	X	2.719	2.719	0	%100
42	M137	Z	1.57	1.57	0	%100
43	M138	X	3.681	3.681	0	%100
44	M138	Z	2.125	2.125	0	%100
45	M140	X	3.842	3.842	0	%100
46	M140	Z	2.218	2.218	0	%100
47	M142	X	2.719	2.719	0	%100
48	M142	Z	1.57	1.57	0	%100
49	M143	X	.92	.92	0	%100
50	M143	Z	.531	.531	0	%100
51	M145	X	.96	.96	0	%100
52	M145	Z	.554	.554	0	%100
53	M150	X	1.561	1.561	0	%100
54	M150	Z	.901	.901	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	2.356	2.356	0	%100
58	M152	Z	1.36	1.36	0	%100
59	M153	X	2.356	2.356	0	%100
60	M153	Z	1.36	1.36	0	%100
61	M154	X	3.687	3.687	0	%100
62	M154	Z	2.128	2.128	0	%100
63	M157	X	.678	.678	0	%100
64	M157	Z	.391	.391	0	%100
65	M158	X	.678	.678	0	%100
66	M158	Z	.391	.391	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	.92	.92	0	%100
70	M163	Z	.531	.531	0	%100
71	M165	X	.96	.96	0	%100
72	M165	Z	.554	.554	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	.92	.92	0	%100
76	M168	Z	.531	.531	0	%100
77	M170	X	.96	.96	0	%100
78	M170	Z	.554	.554	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	.716	.716	0	%100
82	M176	Z	.413	.413	0	%100
83	M177	X	2.863	2.863	0	%100
84	M177	Z	1.653	1.653	0	%100
85	MP1A	X	2.307	2.307	0	%100
86	MP1A	Z	1.332	1.332	0	%100
87	MP2A	X	2.307	2.307	0	%100
88	MP2A	Z	1.332	1.332	0	%100
89	MP3A	X	2.307	2.307	0	%100
90	MP3A	Z	1.332	1.332	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,%]
91	MP4A	X	2.307	2.307	0	%100
92	MP4A	Z	1.332	1.332	0	%100
93	MP1C	X	2.307	2.307	0	%100
94	MP1C	Z	1.332	1.332	0	%100
95	MP2C	X	2.307	2.307	0	%100
96	MP2C	Z	1.332	1.332	0	%100
97	MP3C	X	2.307	2.307	0	%100
98	MP3C	Z	1.332	1.332	0	%100
99	MP4C	X	2.307	2.307	0	%100
100	MP4C	Z	1.332	1.332	0	%100
101	MP1B	X	2.307	2.307	0	%100
102	MP1B	Z	1.332	1.332	0	%100
103	MP2B	X	2.307	2.307	0	%100
104	MP2B	Z	1.332	1.332	0	%100
105	MP3B	X	2.307	2.307	0	%100
106	MP3B	Z	1.332	1.332	0	%100
107	MP4B	X	2.307	2.307	0	%100
108	MP4B	Z	1.332	1.332	0	%100
109	OVP1	X	1.898	1.898	0	%100
110	OVP1	Z	1.096	1.096	0	%100
111	M105A	X	.638	.638	0	%100
112	M105A	Z	.369	.369	0	%100
113	M112A	X	.638	.638	0	%100
114	M112A	Z	.369	.369	0	%100
115	M119A	X	2.554	2.554	0	%100
116	M119A	Z	1.475	1.475	0	%100
117	M126A	X	.536	.536	0	%100
118	M126A	Z	.31	.31	0	%100
119	M127A	X	2.145	2.145	0	%100
120	M127A	Z	1.239	1.239	0	%100
121	M128A	X	.536	.536	0	%100
122	M128A	Z	.31	.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	M100	X	1.24	1.24	0	%100
2	M100	Z	2.147	2.147	0	%100
3	M101	X	.417	.417	0	%100
4	M101	Z	.722	.722	0	%100
5	M102	X	1.02	1.02	0	%100
6	M102	Z	1.767	1.767	0	%100
7	M103	X	1.02	1.02	0	%100
8	M103	Z	1.767	1.767	0	%100
9	M104	X	1.596	1.596	0	%100
10	M104	Z	2.765	2.765	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	1.174	1.174	0	%100
14	M108	Z	2.034	2.034	0	%100
15	M112	X	.523	.523	0	%100
16	M112	Z	.906	.906	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	.523	.523	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,%]
22	M117	Z	.906	.906	0	%100
23	M118	X	1.594	1.594	0	%100
24	M118	Z	2.76	2.76	0	%100
25	M120	X	1.663	1.663	0	%100
26	M120	Z	2.881	2.881	0	%100
27	M125	X	.3	.3	0	%100
28	M125	Z	.52	.52	0	%100
29	M126	X	1.669	1.669	0	%100
30	M126	Z	2.89	2.89	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	1.174	1.174	0	%100
38	M132	Z	2.034	2.034	0	%100
39	M133	X	1.174	1.174	0	%100
40	M133	Z	2.034	2.034	0	%100
41	M137	X	2.093	2.093	0	%100
42	M137	Z	3.626	3.626	0	%100
43	M138	X	1.594	1.594	0	%100
44	M138	Z	2.76	2.76	0	%100
45	M140	X	1.663	1.663	0	%100
46	M140	Z	2.881	2.881	0	%100
47	M142	X	2.093	2.093	0	%100
48	M142	Z	3.626	3.626	0	%100
49	M143	X	1.594	1.594	0	%100
50	M143	Z	2.76	2.76	0	%100
51	M145	X	1.663	1.663	0	%100
52	M145	Z	2.881	2.881	0	%100
53	M150	X	1.202	1.202	0	%100
54	M150	Z	2.082	2.082	0	%100
55	M151	X	.417	.417	0	%100
56	M151	Z	.722	.722	0	%100
57	M152	X	1.02	1.02	0	%100
58	M152	Z	1.767	1.767	0	%100
59	M153	X	1.02	1.02	0	%100
60	M153	Z	1.767	1.767	0	%100
61	M154	X	1.596	1.596	0	%100
62	M154	Z	2.765	2.765	0	%100
63	M157	X	1.174	1.174	0	%100
64	M157	Z	2.034	2.034	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	.523	.523	0	%100
68	M162	Z	.906	.906	0	%100
69	M163	X	1.594	1.594	0	%100
70	M163	Z	2.76	2.76	0	%100
71	M165	X	1.663	1.663	0	%100
72	M165	Z	2.881	2.881	0	%100
73	M167	X	.523	.523	0	%100
74	M167	Z	.906	.906	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
79	M175	X	.3	.3	0	%100
80	M175	Z	.52	.52	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	1.24	1.24	0	%100
84	M177	Z	2.147	2.147	0	%100
85	MP1A	X	1.332	1.332	0	%100
86	MP1A	Z	2.307	2.307	0	%100
87	MP2A	X	1.332	1.332	0	%100
88	MP2A	Z	2.307	2.307	0	%100
89	MP3A	X	1.332	1.332	0	%100
90	MP3A	Z	2.307	2.307	0	%100
91	MP4A	X	1.332	1.332	0	%100
92	MP4A	Z	2.307	2.307	0	%100
93	MP1C	X	1.332	1.332	0	%100
94	MP1C	Z	2.307	2.307	0	%100
95	MP2C	X	1.332	1.332	0	%100
96	MP2C	Z	2.307	2.307	0	%100
97	MP3C	X	1.332	1.332	0	%100
98	MP3C	Z	2.307	2.307	0	%100
99	MP4C	X	1.332	1.332	0	%100
100	MP4C	Z	2.307	2.307	0	%100
101	MP1B	X	1.332	1.332	0	%100
102	MP1B	Z	2.307	2.307	0	%100
103	MP2B	X	1.332	1.332	0	%100
104	MP2B	Z	2.307	2.307	0	%100
105	MP3B	X	1.332	1.332	0	%100
106	MP3B	Z	2.307	2.307	0	%100
107	MP4B	X	1.332	1.332	0	%100
108	MP4B	Z	2.307	2.307	0	%100
109	OVP1	X	1.096	1.096	0	%100
110	OVP1	Z	1.898	1.898	0	%100
111	M105A	X	1.106	1.106	0	%100
112	M105A	Z	1.915	1.915	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	1.106	1.106	0	%100
116	M119A	Z	1.915	1.915	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	.929	.929	0	%100
120	M127A	Z	1.609	1.609	0	%100
121	M128A	X	.929	.929	0	%100
122	M128A	Z	1.609	1.609	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	M100	X	0	0	0	%100
2	M100	Z	3.306	3.306	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	2.72	2.72	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	2.72	2.72	0	%100
9	M104	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,%]
10	M104	Z	4.257	4.257	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	.783	.783	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	.783	.783	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	1.063	1.063	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	1.109	1.109	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	1.063	1.063	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	1.109	1.109	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	2.503	2.503	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	.68	.68	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	.68	.68	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	1.064	1.064	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	.783	.783	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	3.131	3.131	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	3.14	3.14	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	1.063	1.063	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	1.109	1.109	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	3.14	3.14	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	4.25	4.25	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	4.436	4.436	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	1.803	1.803	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	2.503	2.503	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	.68	.68	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	.68	.68	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	1.064	1.064	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	3.131	3.131	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	.783	.783	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,%]
67	M162	X	0	0	0	%100
68	M162	Z	3.14	3.14	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	4.25	4.25	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	4.436	4.436	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	3.14	3.14	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	1.063	1.063	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	1.109	1.109	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	1.803	1.803	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	.826	.826	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	.826	.826	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	2.664	2.664	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	2.664	2.664	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	2.664	2.664	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	2.664	2.664	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	2.664	2.664	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	2.664	2.664	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	2.664	2.664	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	2.664	2.664	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	2.664	2.664	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	2.664	2.664	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	2.664	2.664	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	2.664	2.664	0	%100
109	OVP1	X	0	0	0	%100
110	OVP1	Z	2.191	2.191	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	2.949	2.949	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	.737	.737	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	.737	.737	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	.619	.619	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	.619	.619	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	2.477	2.477	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	M100	X	-1.24	-1.24	0	%100
2	M100	Z	2.147	2.147	0	%100
3	M101	X	-.417	-.417	0	%100
4	M101	Z	.722	.722	0	%100
5	M102	X	-1.02	-1.02	0	%100
6	M102	Z	1.767	1.767	0	%100
7	M103	X	-1.02	-1.02	0	%100
8	M103	Z	1.767	1.767	0	%100
9	M104	X	-1.596	-1.596	0	%100
10	M104	Z	2.765	2.765	0	%100
11	M107	X	-1.174	-1.174	0	%100
12	M107	Z	2.034	2.034	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	-.523	-.523	0	%100
16	M112	Z	.906	.906	0	%100
17	M113	X	-1.594	-1.594	0	%100
18	M113	Z	2.76	2.76	0	%100
19	M115	X	-1.663	-1.663	0	%100
20	M115	Z	2.881	2.881	0	%100
21	M117	X	-.523	-.523	0	%100
22	M117	Z	.906	.906	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	-.3	-.3	0	%100
28	M125	Z	.52	.52	0	%100
29	M126	X	-.417	-.417	0	%100
30	M126	Z	.722	.722	0	%100
31	M127	X	-1.02	-1.02	0	%100
32	M127	Z	1.767	1.767	0	%100
33	M128	X	-1.02	-1.02	0	%100
34	M128	Z	1.767	1.767	0	%100
35	M129	X	-1.596	-1.596	0	%100
36	M129	Z	2.765	2.765	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	-1.174	-1.174	0	%100
40	M133	Z	2.034	2.034	0	%100
41	M137	X	-.523	-.523	0	%100
42	M137	Z	.906	.906	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	-.523	-.523	0	%100
48	M142	Z	.906	.906	0	%100
49	M143	X	-1.594	-1.594	0	%100
50	M143	Z	2.76	2.76	0	%100
51	M145	X	-1.663	-1.663	0	%100
52	M145	Z	2.881	2.881	0	%100
53	M150	X	-.3	-.3	0	%100
54	M150	Z	.52	.52	0	%100
55	M151	X	-1.669	-1.669	0	%100
56	M151	Z	2.89	2.89	0	%100
57	M152	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M152	Z	0	0	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	-1.174	-1.174	0	%100
64	M157	Z	2.034	2.034	0	%100
65	M158	X	-1.174	-1.174	0	%100
66	M158	Z	2.034	2.034	0	%100
67	M162	X	-2.093	-2.093	0	%100
68	M162	Z	3.626	3.626	0	%100
69	M163	X	-1.594	-1.594	0	%100
70	M163	Z	2.76	2.76	0	%100
71	M165	X	-1.663	-1.663	0	%100
72	M165	Z	2.881	2.881	0	%100
73	M167	X	-2.093	-2.093	0	%100
74	M167	Z	3.626	3.626	0	%100
75	M168	X	-1.594	-1.594	0	%100
76	M168	Z	2.76	2.76	0	%100
77	M170	X	-1.663	-1.663	0	%100
78	M170	Z	2.881	2.881	0	%100
79	M175	X	-1.202	-1.202	0	%100
80	M175	Z	2.082	2.082	0	%100
81	M176	X	-1.24	-1.24	0	%100
82	M176	Z	2.147	2.147	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	-1.332	-1.332	0	%100
86	MP1A	Z	2.307	2.307	0	%100
87	MP2A	X	-1.332	-1.332	0	%100
88	MP2A	Z	2.307	2.307	0	%100
89	MP3A	X	-1.332	-1.332	0	%100
90	MP3A	Z	2.307	2.307	0	%100
91	MP4A	X	-1.332	-1.332	0	%100
92	MP4A	Z	2.307	2.307	0	%100
93	MP1C	X	-1.332	-1.332	0	%100
94	MP1C	Z	2.307	2.307	0	%100
95	MP2C	X	-1.332	-1.332	0	%100
96	MP2C	Z	2.307	2.307	0	%100
97	MP3C	X	-1.332	-1.332	0	%100
98	MP3C	Z	2.307	2.307	0	%100
99	MP4C	X	-1.332	-1.332	0	%100
100	MP4C	Z	2.307	2.307	0	%100
101	MP1B	X	-1.332	-1.332	0	%100
102	MP1B	Z	2.307	2.307	0	%100
103	MP2B	X	-1.332	-1.332	0	%100
104	MP2B	Z	2.307	2.307	0	%100
105	MP3B	X	-1.332	-1.332	0	%100
106	MP3B	Z	2.307	2.307	0	%100
107	MP4B	X	-1.332	-1.332	0	%100
108	MP4B	Z	2.307	2.307	0	%100
109	OVP1	X	-1.096	-1.096	0	%100
110	OVP1	Z	1.898	1.898	0	%100
111	M105A	X	-1.106	-1.106	0	%100
112	M105A	Z	1.915	1.915	0	%100
113	M112A	X	-1.106	-1.106	0	%100
114	M112A	Z	1.915	1.915	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,%]
115	M119A	X	0	0	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	-.929	-.929	0	%100
118	M126A	Z	1.609	1.609	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	-.929	-.929	0	%100
122	M128A	Z	1.609	1.609	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	M100	X	-.716	-.716	0	%100
2	M100	Z	.413	.413	0	%100
3	M101	X	-2.167	-2.167	0	%100
4	M101	Z	1.251	1.251	0	%100
5	M102	X	-.589	-.589	0	%100
6	M102	Z	.34	.34	0	%100
7	M103	X	-.589	-.589	0	%100
8	M103	Z	.34	.34	0	%100
9	M104	X	-.922	-.922	0	%100
10	M104	Z	.532	.532	0	%100
11	M107	X	-2.712	-2.712	0	%100
12	M107	Z	1.566	1.566	0	%100
13	M108	X	-.678	-.678	0	%100
14	M108	Z	.391	.391	0	%100
15	M112	X	-2.719	-2.719	0	%100
16	M112	Z	1.57	1.57	0	%100
17	M113	X	-3.681	-3.681	0	%100
18	M113	Z	2.125	2.125	0	%100
19	M115	X	-3.842	-3.842	0	%100
20	M115	Z	2.218	2.218	0	%100
21	M117	X	-2.719	-2.719	0	%100
22	M117	Z	1.57	1.57	0	%100
23	M118	X	-.92	-.92	0	%100
24	M118	Z	.531	.531	0	%100
25	M120	X	-.96	-.96	0	%100
26	M120	Z	.554	.554	0	%100
27	M125	X	-1.561	-1.561	0	%100
28	M125	Z	.901	.901	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-2.356	-2.356	0	%100
32	M127	Z	1.36	1.36	0	%100
33	M128	X	-2.356	-2.356	0	%100
34	M128	Z	1.36	1.36	0	%100
35	M129	X	-3.687	-3.687	0	%100
36	M129	Z	2.128	2.128	0	%100
37	M132	X	-.678	-.678	0	%100
38	M132	Z	.391	.391	0	%100
39	M133	X	-.678	-.678	0	%100
40	M133	Z	.391	.391	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	-.92	-.92	0	%100
44	M138	Z	.531	.531	0	%100
45	M140	X	-.96	-.96	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,%]
46	M140	Z	.554	.554	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	-.92	-.92	0	%100
50	M143	Z	.531	.531	0	%100
51	M145	X	-.96	-.96	0	%100
52	M145	Z	.554	.554	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-2.167	-2.167	0	%100
56	M151	Z	1.251	1.251	0	%100
57	M152	X	-.589	-.589	0	%100
58	M152	Z	.34	.34	0	%100
59	M153	X	-.589	-.589	0	%100
60	M153	Z	.34	.34	0	%100
61	M154	X	-.922	-.922	0	%100
62	M154	Z	.532	.532	0	%100
63	M157	X	-.678	-.678	0	%100
64	M157	Z	.391	.391	0	%100
65	M158	X	-2.712	-2.712	0	%100
66	M158	Z	1.566	1.566	0	%100
67	M162	X	-2.719	-2.719	0	%100
68	M162	Z	1.57	1.57	0	%100
69	M163	X	-.92	-.92	0	%100
70	M163	Z	.531	.531	0	%100
71	M165	X	-.96	-.96	0	%100
72	M165	Z	.554	.554	0	%100
73	M167	X	-2.719	-2.719	0	%100
74	M167	Z	1.57	1.57	0	%100
75	M168	X	-3.681	-3.681	0	%100
76	M168	Z	2.125	2.125	0	%100
77	M170	X	-3.842	-3.842	0	%100
78	M170	Z	2.218	2.218	0	%100
79	M175	X	-1.561	-1.561	0	%100
80	M175	Z	.901	.901	0	%100
81	M176	X	-2.863	-2.863	0	%100
82	M176	Z	1.653	1.653	0	%100
83	M177	X	-.716	-.716	0	%100
84	M177	Z	.413	.413	0	%100
85	MP1A	X	-2.307	-2.307	0	%100
86	MP1A	Z	1.332	1.332	0	%100
87	MP2A	X	-2.307	-2.307	0	%100
88	MP2A	Z	1.332	1.332	0	%100
89	MP3A	X	-2.307	-2.307	0	%100
90	MP3A	Z	1.332	1.332	0	%100
91	MP4A	X	-2.307	-2.307	0	%100
92	MP4A	Z	1.332	1.332	0	%100
93	MP1C	X	-2.307	-2.307	0	%100
94	MP1C	Z	1.332	1.332	0	%100
95	MP2C	X	-2.307	-2.307	0	%100
96	MP2C	Z	1.332	1.332	0	%100
97	MP3C	X	-2.307	-2.307	0	%100
98	MP3C	Z	1.332	1.332	0	%100
99	MP4C	X	-2.307	-2.307	0	%100
100	MP4C	Z	1.332	1.332	0	%100
101	MP1B	X	-2.307	-2.307	0	%100
102	MP1B	Z	1.332	1.332	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,%]
103	MP2B	X	-2.307	-2.307	0	%100
104	MP2B	Z	1.332	1.332	0	%100
105	MP3B	X	-2.307	-2.307	0	%100
106	MP3B	Z	1.332	1.332	0	%100
107	MP4B	X	-2.307	-2.307	0	%100
108	MP4B	Z	1.332	1.332	0	%100
109	OVP1	X	-1.898	-1.898	0	%100
110	OVP1	Z	1.096	1.096	0	%100
111	M105A	X	-.638	-.638	0	%100
112	M105A	Z	.369	.369	0	%100
113	M112A	X	-2.554	-2.554	0	%100
114	M112A	Z	1.475	1.475	0	%100
115	M119A	X	-.638	-.638	0	%100
116	M119A	Z	.369	.369	0	%100
117	M126A	X	-2.145	-2.145	0	%100
118	M126A	Z	1.239	1.239	0	%100
119	M127A	X	-.536	-.536	0	%100
120	M127A	Z	.31	.31	0	%100
121	M128A	X	-.536	-.536	0	%100
122	M128A	Z	.31	.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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	-3.337	-3.337	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	0	0	0	%100
11	M107	X	-2.349	-2.349	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	-2.349	-2.349	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	-4.187	-4.187	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	-3.188	-3.188	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	-3.327	-3.327	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	-4.187	-4.187	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	-3.188	-3.188	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	-3.327	-3.327	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	-2.404	-2.404	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	-.834	-.834	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-2.04	-2.04	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	-2.04	-2.04	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,%]
34	M128	Z	0	0	0	%100
35	M129	X	-3.193	-3.193	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	-2.349	-2.349	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	0	0	0	%100
41	M137	X	-1.047	-1.047	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	-3.188	-3.188	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	-3.327	-3.327	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	-1.047	-1.047	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	0	0	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	0	0	0	%100
53	M150	X	-.601	-.601	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-.834	-.834	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	-2.04	-2.04	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	-2.04	-2.04	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	-3.193	-3.193	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	0	0	0	%100
65	M158	X	-2.349	-2.349	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	-1.047	-1.047	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	0	0	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	0	0	0	%100
73	M167	X	-1.047	-1.047	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	-3.188	-3.188	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	-3.327	-3.327	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	-.601	-.601	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	-2.479	-2.479	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	-2.479	-2.479	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	-2.664	-2.664	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	-2.664	-2.664	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	-2.664	-2.664	0	%100
90	MP3A	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,%]
91	MP4A	X	-2.664	-2.664	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	-2.664	-2.664	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	-2.664	-2.664	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	-2.664	-2.664	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	-2.664	-2.664	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	-2.664	-2.664	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-2.664	-2.664	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-2.664	-2.664	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-2.664	-2.664	0	%100
108	MP4B	Z	0	0	0	%100
109	OVP1	X	-2.191	-2.191	0	%100
110	OVP1	Z	0	0	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	0	0	0	%100
113	M112A	X	-2.212	-2.212	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	-2.212	-2.212	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	-1.858	-1.858	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	-1.858	-1.858	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	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	M100	X	-.716	-.716	0	%100
2	M100	Z	-.413	-.413	0	%100
3	M101	X	-2.167	-2.167	0	%100
4	M101	Z	-1.251	-1.251	0	%100
5	M102	X	-.589	-.589	0	%100
6	M102	Z	-.34	-.34	0	%100
7	M103	X	-.589	-.589	0	%100
8	M103	Z	-.34	-.34	0	%100
9	M104	X	-.922	-.922	0	%100
10	M104	Z	-.532	-.532	0	%100
11	M107	X	-.678	-.678	0	%100
12	M107	Z	-.391	-.391	0	%100
13	M108	X	-2.712	-2.712	0	%100
14	M108	Z	-1.566	-1.566	0	%100
15	M112	X	-2.719	-2.719	0	%100
16	M112	Z	-1.57	-1.57	0	%100
17	M113	X	-.92	-.92	0	%100
18	M113	Z	-.531	-.531	0	%100
19	M115	X	-.96	-.96	0	%100
20	M115	Z	-.554	-.554	0	%100
21	M117	X	-2.719	-2.719	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,%]
22	M117	Z	-1.57	-1.57	0	%100
23	M118	X	-3.681	-3.681	0	%100
24	M118	Z	-2.125	-2.125	0	%100
25	M120	X	-3.842	-3.842	0	%100
26	M120	Z	-2.218	-2.218	0	%100
27	M125	X	-1.561	-1.561	0	%100
28	M125	Z	-.901	-.901	0	%100
29	M126	X	-2.167	-2.167	0	%100
30	M126	Z	-1.251	-1.251	0	%100
31	M127	X	-.589	-.589	0	%100
32	M127	Z	-.34	-.34	0	%100
33	M128	X	-.589	-.589	0	%100
34	M128	Z	-.34	-.34	0	%100
35	M129	X	-.922	-.922	0	%100
36	M129	Z	-.532	-.532	0	%100
37	M132	X	-2.712	-2.712	0	%100
38	M132	Z	-1.566	-1.566	0	%100
39	M133	X	-.678	-.678	0	%100
40	M133	Z	-.391	-.391	0	%100
41	M137	X	-2.719	-2.719	0	%100
42	M137	Z	-1.57	-1.57	0	%100
43	M138	X	-3.681	-3.681	0	%100
44	M138	Z	-2.125	-2.125	0	%100
45	M140	X	-3.842	-3.842	0	%100
46	M140	Z	-2.218	-2.218	0	%100
47	M142	X	-2.719	-2.719	0	%100
48	M142	Z	-1.57	-1.57	0	%100
49	M143	X	-.92	-.92	0	%100
50	M143	Z	-.531	-.531	0	%100
51	M145	X	-.96	-.96	0	%100
52	M145	Z	-.554	-.554	0	%100
53	M150	X	-1.561	-1.561	0	%100
54	M150	Z	-.901	-.901	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	-2.356	-2.356	0	%100
58	M152	Z	-1.36	-1.36	0	%100
59	M153	X	-2.356	-2.356	0	%100
60	M153	Z	-1.36	-1.36	0	%100
61	M154	X	-3.687	-3.687	0	%100
62	M154	Z	-2.128	-2.128	0	%100
63	M157	X	-.678	-.678	0	%100
64	M157	Z	-.391	-.391	0	%100
65	M158	X	-.678	-.678	0	%100
66	M158	Z	-.391	-.391	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	-.92	-.92	0	%100
70	M163	Z	-.531	-.531	0	%100
71	M165	X	-.96	-.96	0	%100
72	M165	Z	-.554	-.554	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	-.92	-.92	0	%100
76	M168	Z	-.531	-.531	0	%100
77	M170	X	-.96	-.96	0	%100
78	M170	Z	-.554	-.554	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,%]
79	M175	X	0	0	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	-.716	-.716	0	%100
82	M176	Z	-.413	-.413	0	%100
83	M177	X	-2.863	-2.863	0	%100
84	M177	Z	-1.653	-1.653	0	%100
85	MP1A	X	-2.307	-2.307	0	%100
86	MP1A	Z	-1.332	-1.332	0	%100
87	MP2A	X	-2.307	-2.307	0	%100
88	MP2A	Z	-1.332	-1.332	0	%100
89	MP3A	X	-2.307	-2.307	0	%100
90	MP3A	Z	-1.332	-1.332	0	%100
91	MP4A	X	-2.307	-2.307	0	%100
92	MP4A	Z	-1.332	-1.332	0	%100
93	MP1C	X	-2.307	-2.307	0	%100
94	MP1C	Z	-1.332	-1.332	0	%100
95	MP2C	X	-2.307	-2.307	0	%100
96	MP2C	Z	-1.332	-1.332	0	%100
97	MP3C	X	-2.307	-2.307	0	%100
98	MP3C	Z	-1.332	-1.332	0	%100
99	MP4C	X	-2.307	-2.307	0	%100
100	MP4C	Z	-1.332	-1.332	0	%100
101	MP1B	X	-2.307	-2.307	0	%100
102	MP1B	Z	-1.332	-1.332	0	%100
103	MP2B	X	-2.307	-2.307	0	%100
104	MP2B	Z	-1.332	-1.332	0	%100
105	MP3B	X	-2.307	-2.307	0	%100
106	MP3B	Z	-1.332	-1.332	0	%100
107	MP4B	X	-2.307	-2.307	0	%100
108	MP4B	Z	-1.332	-1.332	0	%100
109	OVP1	X	-1.898	-1.898	0	%100
110	OVP1	Z	-1.096	-1.096	0	%100
111	M105A	X	-.638	-.638	0	%100
112	M105A	Z	-.369	-.369	0	%100
113	M112A	X	-.638	-.638	0	%100
114	M112A	Z	-.369	-.369	0	%100
115	M119A	X	-2.554	-2.554	0	%100
116	M119A	Z	-1.475	-1.475	0	%100
117	M126A	X	-.536	-.536	0	%100
118	M126A	Z	-.31	-.31	0	%100
119	M127A	X	-2.145	-2.145	0	%100
120	M127A	Z	-1.239	-1.239	0	%100
121	M128A	X	-.536	-.536	0	%100
122	M128A	Z	-.31	-.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	M100	X	-1.24	-1.24	0	%100
2	M100	Z	-2.147	-2.147	0	%100
3	M101	X	-.417	-.417	0	%100
4	M101	Z	-.722	-.722	0	%100
5	M102	X	-1.02	-1.02	0	%100
6	M102	Z	-1.767	-1.767	0	%100
7	M103	X	-1.02	-1.02	0	%100
8	M103	Z	-1.767	-1.767	0	%100
9	M104	X	-1.596	-1.596	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,%]
10	M104	Z	-2.765	-2.765	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	-1.174	-1.174	0	%100
14	M108	Z	-2.034	-2.034	0	%100
15	M112	X	-.523	-.523	0	%100
16	M112	Z	-.906	-.906	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	-.523	-.523	0	%100
22	M117	Z	-.906	-.906	0	%100
23	M118	X	-1.594	-1.594	0	%100
24	M118	Z	-2.76	-2.76	0	%100
25	M120	X	-1.663	-1.663	0	%100
26	M120	Z	-2.881	-2.881	0	%100
27	M125	X	-.3	-.3	0	%100
28	M125	Z	-.52	-.52	0	%100
29	M126	X	-1.669	-1.669	0	%100
30	M126	Z	-2.89	-2.89	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	-1.174	-1.174	0	%100
38	M132	Z	-2.034	-2.034	0	%100
39	M133	X	-1.174	-1.174	0	%100
40	M133	Z	-2.034	-2.034	0	%100
41	M137	X	-2.093	-2.093	0	%100
42	M137	Z	-3.626	-3.626	0	%100
43	M138	X	-1.594	-1.594	0	%100
44	M138	Z	-2.76	-2.76	0	%100
45	M140	X	-1.663	-1.663	0	%100
46	M140	Z	-2.881	-2.881	0	%100
47	M142	X	-2.093	-2.093	0	%100
48	M142	Z	-3.626	-3.626	0	%100
49	M143	X	-1.594	-1.594	0	%100
50	M143	Z	-2.76	-2.76	0	%100
51	M145	X	-1.663	-1.663	0	%100
52	M145	Z	-2.881	-2.881	0	%100
53	M150	X	-1.202	-1.202	0	%100
54	M150	Z	-2.082	-2.082	0	%100
55	M151	X	-.417	-.417	0	%100
56	M151	Z	-.722	-.722	0	%100
57	M152	X	-1.02	-1.02	0	%100
58	M152	Z	-1.767	-1.767	0	%100
59	M153	X	-1.02	-1.02	0	%100
60	M153	Z	-1.767	-1.767	0	%100
61	M154	X	-1.596	-1.596	0	%100
62	M154	Z	-2.765	-2.765	0	%100
63	M157	X	-1.174	-1.174	0	%100
64	M157	Z	-2.034	-2.034	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M162	X	-.523	-.523	0	%100
68	M162	Z	-.906	-.906	0	%100
69	M163	X	-1.594	-1.594	0	%100
70	M163	Z	-2.76	-2.76	0	%100
71	M165	X	-1.663	-1.663	0	%100
72	M165	Z	-2.881	-2.881	0	%100
73	M167	X	-.523	-.523	0	%100
74	M167	Z	-.906	-.906	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	-.3	-.3	0	%100
80	M175	Z	-.52	-.52	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	-1.24	-1.24	0	%100
84	M177	Z	-2.147	-2.147	0	%100
85	MP1A	X	-1.332	-1.332	0	%100
86	MP1A	Z	-2.307	-2.307	0	%100
87	MP2A	X	-1.332	-1.332	0	%100
88	MP2A	Z	-2.307	-2.307	0	%100
89	MP3A	X	-1.332	-1.332	0	%100
90	MP3A	Z	-2.307	-2.307	0	%100
91	MP4A	X	-1.332	-1.332	0	%100
92	MP4A	Z	-2.307	-2.307	0	%100
93	MP1C	X	-1.332	-1.332	0	%100
94	MP1C	Z	-2.307	-2.307	0	%100
95	MP2C	X	-1.332	-1.332	0	%100
96	MP2C	Z	-2.307	-2.307	0	%100
97	MP3C	X	-1.332	-1.332	0	%100
98	MP3C	Z	-2.307	-2.307	0	%100
99	MP4C	X	-1.332	-1.332	0	%100
100	MP4C	Z	-2.307	-2.307	0	%100
101	MP1B	X	-1.332	-1.332	0	%100
102	MP1B	Z	-2.307	-2.307	0	%100
103	MP2B	X	-1.332	-1.332	0	%100
104	MP2B	Z	-2.307	-2.307	0	%100
105	MP3B	X	-1.332	-1.332	0	%100
106	MP3B	Z	-2.307	-2.307	0	%100
107	MP4B	X	-1.332	-1.332	0	%100
108	MP4B	Z	-2.307	-2.307	0	%100
109	OVP1	X	-1.096	-1.096	0	%100
110	OVP1	Z	-1.898	-1.898	0	%100
111	M105A	X	-1.106	-1.106	0	%100
112	M105A	Z	-1.915	-1.915	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	-1.106	-1.106	0	%100
116	M119A	Z	-1.915	-1.915	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	-.929	-.929	0	%100
120	M127A	Z	-1.609	-1.609	0	%100
121	M128A	X	-.929	-.929	0	%100
122	M128A	Z	-1.609	-1.609	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	M100	X	0	0	0	%100
2	M100	Z	-.719	-.719	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-.618	-.618	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-.618	-.618	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	-1.232	-1.232	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-.171	-.171	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	-.171	-.171	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	-.314	-.314	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	-.331	-.331	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	-.314	-.314	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	-.331	-.331	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-.548	-.548	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-.154	-.154	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	-.154	-.154	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	-.308	-.308	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	-.171	-.171	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	-.684	-.684	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	-.924	-.924	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	-.314	-.314	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	-.331	-.331	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	-.924	-.924	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	-1.255	-1.255	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	-1.322	-1.322	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-.436	-.436	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-.548	-.548	0	%100
57	M152	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M152	Z	-.154	-.154	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	-.154	-.154	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	-.308	-.308	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	-.684	-.684	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	-.171	-.171	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	-.924	-.924	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	-1.255	-1.255	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	-1.322	-1.322	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	-.924	-.924	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	-.314	-.314	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	-.331	-.331	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	-.436	-.436	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	-.18	-.18	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	-.18	-.18	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	-.488	-.488	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-.488	-.488	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	-.488	-.488	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-.488	-.488	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-.488	-.488	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-.488	-.488	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-.488	-.488	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-.488	-.488	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.488	-.488	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-.488	-.488	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	-.488	-.488	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-.488	-.488	0	%100
109	OVP1	X	0	0	0	%100
110	OVP1	Z	-.399	-.399	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	-.591	-.591	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	-.148	-.148	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M119A	X	0	0	0	%100
116	M119A	Z	-.148	-.148	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	-.154	-.154	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	-.154	-.154	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	-.616	-.616	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	M100	X	.27	.27	0	%100
2	M100	Z	-.467	-.467	0	%100
3	M101	X	.091	.091	0	%100
4	M101	Z	-.158	-.158	0	%100
5	M102	X	.232	.232	0	%100
6	M102	Z	-.401	-.401	0	%100
7	M103	X	.232	.232	0	%100
8	M103	Z	-.401	-.401	0	%100
9	M104	X	.462	.462	0	%100
10	M104	Z	-.8	-.8	0	%100
11	M107	X	.257	.257	0	%100
12	M107	Z	-.444	-.444	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	.154	.154	0	%100
16	M112	Z	-.267	-.267	0	%100
17	M113	X	.471	.471	0	%100
18	M113	Z	-.815	-.815	0	%100
19	M115	X	.496	.496	0	%100
20	M115	Z	-.859	-.859	0	%100
21	M117	X	.154	.154	0	%100
22	M117	Z	-.267	-.267	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	.073	.073	0	%100
28	M125	Z	-.126	-.126	0	%100
29	M126	X	.091	.091	0	%100
30	M126	Z	-.158	-.158	0	%100
31	M127	X	.232	.232	0	%100
32	M127	Z	-.401	-.401	0	%100
33	M128	X	.232	.232	0	%100
34	M128	Z	-.401	-.401	0	%100
35	M129	X	.462	.462	0	%100
36	M129	Z	-.8	-.8	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	.257	.257	0	%100
40	M133	Z	-.444	-.444	0	%100
41	M137	X	.154	.154	0	%100
42	M137	Z	-.267	-.267	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	0	0	0	%100
45	M140	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,%]
46	M140	Z	0	0	0	%100
47	M142	X	.154	.154	0	%100
48	M142	Z	-.267	-.267	0	%100
49	M143	X	.471	.471	0	%100
50	M143	Z	-.815	-.815	0	%100
51	M145	X	.496	.496	0	%100
52	M145	Z	-.859	-.859	0	%100
53	M150	X	.073	.073	0	%100
54	M150	Z	-.126	-.126	0	%100
55	M151	X	.365	.365	0	%100
56	M151	Z	-.632	-.632	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	.257	.257	0	%100
64	M157	Z	-.444	-.444	0	%100
65	M158	X	.257	.257	0	%100
66	M158	Z	-.444	-.444	0	%100
67	M162	X	.616	.616	0	%100
68	M162	Z	-1.067	-1.067	0	%100
69	M163	X	.471	.471	0	%100
70	M163	Z	-.815	-.815	0	%100
71	M165	X	.496	.496	0	%100
72	M165	Z	-.859	-.859	0	%100
73	M167	X	.616	.616	0	%100
74	M167	Z	-1.067	-1.067	0	%100
75	M168	X	.471	.471	0	%100
76	M168	Z	-.815	-.815	0	%100
77	M170	X	.496	.496	0	%100
78	M170	Z	-.859	-.859	0	%100
79	M175	X	.291	.291	0	%100
80	M175	Z	-.504	-.504	0	%100
81	M176	X	.27	.27	0	%100
82	M176	Z	-.467	-.467	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	.244	.244	0	%100
86	MP1A	Z	-.422	-.422	0	%100
87	MP2A	X	.244	.244	0	%100
88	MP2A	Z	-.422	-.422	0	%100
89	MP3A	X	.244	.244	0	%100
90	MP3A	Z	-.422	-.422	0	%100
91	MP4A	X	.244	.244	0	%100
92	MP4A	Z	-.422	-.422	0	%100
93	MP1C	X	.244	.244	0	%100
94	MP1C	Z	-.422	-.422	0	%100
95	MP2C	X	.244	.244	0	%100
96	MP2C	Z	-.422	-.422	0	%100
97	MP3C	X	.244	.244	0	%100
98	MP3C	Z	-.422	-.422	0	%100
99	MP4C	X	.244	.244	0	%100
100	MP4C	Z	-.422	-.422	0	%100
101	MP1B	X	.244	.244	0	%100
102	MP1B	Z	-.422	-.422	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,%]
103	MP2B	X	.244	.244	0	%100
104	MP2B	Z	-.422	-.422	0	%100
105	MP3B	X	.244	.244	0	%100
106	MP3B	Z	-.422	-.422	0	%100
107	MP4B	X	.244	.244	0	%100
108	MP4B	Z	-.422	-.422	0	%100
109	OVP1	X	.199	.199	0	%100
110	OVP1	Z	-.345	-.345	0	%100
111	M105A	X	.221	.221	0	%100
112	M105A	Z	-.384	-.384	0	%100
113	M112A	X	.221	.221	0	%100
114	M112A	Z	-.384	-.384	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	.231	.231	0	%100
118	M126A	Z	-.4	-.4	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	.231	.231	0	%100
122	M128A	Z	-.4	-.4	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	M100	X	.156	.156	0	%100
2	M100	Z	-.09	-.09	0	%100
3	M101	X	.474	.474	0	%100
4	M101	Z	-.274	-.274	0	%100
5	M102	X	.134	.134	0	%100
6	M102	Z	-.077	-.077	0	%100
7	M103	X	.134	.134	0	%100
8	M103	Z	-.077	-.077	0	%100
9	M104	X	.267	.267	0	%100
10	M104	Z	-.154	-.154	0	%100
11	M107	X	.593	.593	0	%100
12	M107	Z	-.342	-.342	0	%100
13	M108	X	.148	.148	0	%100
14	M108	Z	-.086	-.086	0	%100
15	M112	X	.8	.8	0	%100
16	M112	Z	-.462	-.462	0	%100
17	M113	X	1.087	1.087	0	%100
18	M113	Z	-.628	-.628	0	%100
19	M115	X	1.145	1.145	0	%100
20	M115	Z	-.661	-.661	0	%100
21	M117	X	.8	.8	0	%100
22	M117	Z	-.462	-.462	0	%100
23	M118	X	.272	.272	0	%100
24	M118	Z	-.157	-.157	0	%100
25	M120	X	.286	.286	0	%100
26	M120	Z	-.165	-.165	0	%100
27	M125	X	.378	.378	0	%100
28	M125	Z	-.218	-.218	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	.535	.535	0	%100
32	M127	Z	-.309	-.309	0	%100
33	M128	X	.535	.535	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,%]
34	M128	Z	-.309	-.309	0	%100
35	M129	X	1.067	1.067	0	%100
36	M129	Z	-.616	-.616	0	%100
37	M132	X	.148	.148	0	%100
38	M132	Z	-.086	-.086	0	%100
39	M133	X	.148	.148	0	%100
40	M133	Z	-.086	-.086	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	.272	.272	0	%100
44	M138	Z	-.157	-.157	0	%100
45	M140	X	.286	.286	0	%100
46	M140	Z	-.165	-.165	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	.272	.272	0	%100
50	M143	Z	-.157	-.157	0	%100
51	M145	X	.286	.286	0	%100
52	M145	Z	-.165	-.165	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	.474	.474	0	%100
56	M151	Z	-.274	-.274	0	%100
57	M152	X	.134	.134	0	%100
58	M152	Z	-.077	-.077	0	%100
59	M153	X	.134	.134	0	%100
60	M153	Z	-.077	-.077	0	%100
61	M154	X	.267	.267	0	%100
62	M154	Z	-.154	-.154	0	%100
63	M157	X	.148	.148	0	%100
64	M157	Z	-.086	-.086	0	%100
65	M158	X	.593	.593	0	%100
66	M158	Z	-.342	-.342	0	%100
67	M162	X	.8	.8	0	%100
68	M162	Z	-.462	-.462	0	%100
69	M163	X	.272	.272	0	%100
70	M163	Z	-.157	-.157	0	%100
71	M165	X	.286	.286	0	%100
72	M165	Z	-.165	-.165	0	%100
73	M167	X	.8	.8	0	%100
74	M167	Z	-.462	-.462	0	%100
75	M168	X	1.087	1.087	0	%100
76	M168	Z	-.628	-.628	0	%100
77	M170	X	1.145	1.145	0	%100
78	M170	Z	-.661	-.661	0	%100
79	M175	X	.378	.378	0	%100
80	M175	Z	-.218	-.218	0	%100
81	M176	X	.623	.623	0	%100
82	M176	Z	-.359	-.359	0	%100
83	M177	X	.156	.156	0	%100
84	M177	Z	-.09	-.09	0	%100
85	MP1A	X	.422	.422	0	%100
86	MP1A	Z	-.244	-.244	0	%100
87	MP2A	X	.422	.422	0	%100
88	MP2A	Z	-.244	-.244	0	%100
89	MP3A	X	.422	.422	0	%100
90	MP3A	Z	-.244	-.244	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,%]
91	MP4A	X	.422	.422	0	%100
92	MP4A	Z	-.244	-.244	0	%100
93	MP1C	X	.422	.422	0	%100
94	MP1C	Z	-.244	-.244	0	%100
95	MP2C	X	.422	.422	0	%100
96	MP2C	Z	-.244	-.244	0	%100
97	MP3C	X	.422	.422	0	%100
98	MP3C	Z	-.244	-.244	0	%100
99	MP4C	X	.422	.422	0	%100
100	MP4C	Z	-.244	-.244	0	%100
101	MP1B	X	.422	.422	0	%100
102	MP1B	Z	-.244	-.244	0	%100
103	MP2B	X	.422	.422	0	%100
104	MP2B	Z	-.244	-.244	0	%100
105	MP3B	X	.422	.422	0	%100
106	MP3B	Z	-.244	-.244	0	%100
107	MP4B	X	.422	.422	0	%100
108	MP4B	Z	-.244	-.244	0	%100
109	OVP1	X	.345	.345	0	%100
110	OVP1	Z	-.199	-.199	0	%100
111	M105A	X	.128	.128	0	%100
112	M105A	Z	-.074	-.074	0	%100
113	M112A	X	.511	.511	0	%100
114	M112A	Z	-.295	-.295	0	%100
115	M119A	X	.128	.128	0	%100
116	M119A	Z	-.074	-.074	0	%100
117	M126A	X	.534	.534	0	%100
118	M126A	Z	-.308	-.308	0	%100
119	M127A	X	.133	.133	0	%100
120	M127A	Z	-.077	-.077	0	%100
121	M128A	X	.133	.133	0	%100
122	M128A	Z	-.077	-.077	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	.73	.73	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	0	0	0	%100
11	M107	X	.513	.513	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	.513	.513	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	1.232	1.232	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	.941	.941	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	.992	.992	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	1.232	1.232	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,%]
22	M117	Z	0	0	0	%100
23	M118	X	.941	.941	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	.992	.992	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	.582	.582	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	.183	.183	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	.463	.463	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	.463	.463	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	.924	.924	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	.513	.513	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	0	0	0	%100
41	M137	X	.308	.308	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	.941	.941	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	.992	.992	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	.308	.308	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	0	0	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	0	0	0	%100
53	M150	X	.145	.145	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	.183	.183	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	.463	.463	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	.463	.463	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	.924	.924	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	0	0	0	%100
65	M158	X	.513	.513	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	.308	.308	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	0	0	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	0	0	0	%100
73	M167	X	.308	.308	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	.941	.941	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	.992	.992	0	%100
78	M170	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,%]
79	M175	X	.145	.145	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	.539	.539	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	.539	.539	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	.488	.488	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	.488	.488	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	.488	.488	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	.488	.488	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	.488	.488	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	.488	.488	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	.488	.488	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	.488	.488	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	.488	.488	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	.488	.488	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	.488	.488	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	.488	.488	0	%100
108	MP4B	Z	0	0	0	%100
109	OVP1	X	.399	.399	0	%100
110	OVP1	Z	0	0	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	0	0	0	%100
113	M112A	X	.443	.443	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	.443	.443	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	.462	.462	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	.462	.462	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	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	M100	X	.156	.156	0	%100
2	M100	Z	.09	.09	0	%100
3	M101	X	.474	.474	0	%100
4	M101	Z	.274	.274	0	%100
5	M102	X	.134	.134	0	%100
6	M102	Z	.077	.077	0	%100
7	M103	X	.134	.134	0	%100
8	M103	Z	.077	.077	0	%100
9	M104	X	.267	.267	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,%]
10	M104	Z	.154	.154	0	%100
11	M107	X	.148	.148	0	%100
12	M107	Z	.086	.086	0	%100
13	M108	X	.593	.593	0	%100
14	M108	Z	.342	.342	0	%100
15	M112	X	.8	.8	0	%100
16	M112	Z	.462	.462	0	%100
17	M113	X	.272	.272	0	%100
18	M113	Z	.157	.157	0	%100
19	M115	X	.286	.286	0	%100
20	M115	Z	.165	.165	0	%100
21	M117	X	.8	.8	0	%100
22	M117	Z	.462	.462	0	%100
23	M118	X	1.087	1.087	0	%100
24	M118	Z	.628	.628	0	%100
25	M120	X	1.145	1.145	0	%100
26	M120	Z	.661	.661	0	%100
27	M125	X	.378	.378	0	%100
28	M125	Z	.218	.218	0	%100
29	M126	X	.474	.474	0	%100
30	M126	Z	.274	.274	0	%100
31	M127	X	.134	.134	0	%100
32	M127	Z	.077	.077	0	%100
33	M128	X	.134	.134	0	%100
34	M128	Z	.077	.077	0	%100
35	M129	X	.267	.267	0	%100
36	M129	Z	.154	.154	0	%100
37	M132	X	.593	.593	0	%100
38	M132	Z	.342	.342	0	%100
39	M133	X	.148	.148	0	%100
40	M133	Z	.086	.086	0	%100
41	M137	X	.8	.8	0	%100
42	M137	Z	.462	.462	0	%100
43	M138	X	1.087	1.087	0	%100
44	M138	Z	.628	.628	0	%100
45	M140	X	1.145	1.145	0	%100
46	M140	Z	.661	.661	0	%100
47	M142	X	.8	.8	0	%100
48	M142	Z	.462	.462	0	%100
49	M143	X	.272	.272	0	%100
50	M143	Z	.157	.157	0	%100
51	M145	X	.286	.286	0	%100
52	M145	Z	.165	.165	0	%100
53	M150	X	.378	.378	0	%100
54	M150	Z	.218	.218	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	.535	.535	0	%100
58	M152	Z	.309	.309	0	%100
59	M153	X	.535	.535	0	%100
60	M153	Z	.309	.309	0	%100
61	M154	X	1.067	1.067	0	%100
62	M154	Z	.616	.616	0	%100
63	M157	X	.148	.148	0	%100
64	M157	Z	.086	.086	0	%100
65	M158	X	.148	.148	0	%100
66	M158	Z	.086	.086	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,%]
67	M162	X	0	0	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	.272	.272	0	%100
70	M163	Z	.157	.157	0	%100
71	M165	X	.286	.286	0	%100
72	M165	Z	.165	.165	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	.272	.272	0	%100
76	M168	Z	.157	.157	0	%100
77	M170	X	.286	.286	0	%100
78	M170	Z	.165	.165	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	.156	.156	0	%100
82	M176	Z	.09	.09	0	%100
83	M177	X	.623	.623	0	%100
84	M177	Z	.359	.359	0	%100
85	MP1A	X	.422	.422	0	%100
86	MP1A	Z	.244	.244	0	%100
87	MP2A	X	.422	.422	0	%100
88	MP2A	Z	.244	.244	0	%100
89	MP3A	X	.422	.422	0	%100
90	MP3A	Z	.244	.244	0	%100
91	MP4A	X	.422	.422	0	%100
92	MP4A	Z	.244	.244	0	%100
93	MP1C	X	.422	.422	0	%100
94	MP1C	Z	.244	.244	0	%100
95	MP2C	X	.422	.422	0	%100
96	MP2C	Z	.244	.244	0	%100
97	MP3C	X	.422	.422	0	%100
98	MP3C	Z	.244	.244	0	%100
99	MP4C	X	.422	.422	0	%100
100	MP4C	Z	.244	.244	0	%100
101	MP1B	X	.422	.422	0	%100
102	MP1B	Z	.244	.244	0	%100
103	MP2B	X	.422	.422	0	%100
104	MP2B	Z	.244	.244	0	%100
105	MP3B	X	.422	.422	0	%100
106	MP3B	Z	.244	.244	0	%100
107	MP4B	X	.422	.422	0	%100
108	MP4B	Z	.244	.244	0	%100
109	OVP1	X	.345	.345	0	%100
110	OVP1	Z	.199	.199	0	%100
111	M105A	X	.128	.128	0	%100
112	M105A	Z	.074	.074	0	%100
113	M112A	X	.128	.128	0	%100
114	M112A	Z	.074	.074	0	%100
115	M119A	X	.511	.511	0	%100
116	M119A	Z	.295	.295	0	%100
117	M126A	X	.133	.133	0	%100
118	M126A	Z	.077	.077	0	%100
119	M127A	X	.534	.534	0	%100
120	M127A	Z	.308	.308	0	%100
121	M128A	X	.133	.133	0	%100
122	M128A	Z	.077	.077	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	M100	X	.27	.27	0	%100
2	M100	Z	.467	.467	0	%100
3	M101	X	.091	.091	0	%100
4	M101	Z	.158	.158	0	%100
5	M102	X	.232	.232	0	%100
6	M102	Z	.401	.401	0	%100
7	M103	X	.232	.232	0	%100
8	M103	Z	.401	.401	0	%100
9	M104	X	.462	.462	0	%100
10	M104	Z	.8	.8	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	.257	.257	0	%100
14	M108	Z	.444	.444	0	%100
15	M112	X	.154	.154	0	%100
16	M112	Z	.267	.267	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	.154	.154	0	%100
22	M117	Z	.267	.267	0	%100
23	M118	X	.471	.471	0	%100
24	M118	Z	.815	.815	0	%100
25	M120	X	.496	.496	0	%100
26	M120	Z	.859	.859	0	%100
27	M125	X	.073	.073	0	%100
28	M125	Z	.126	.126	0	%100
29	M126	X	.365	.365	0	%100
30	M126	Z	.632	.632	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	.257	.257	0	%100
38	M132	Z	.444	.444	0	%100
39	M133	X	.257	.257	0	%100
40	M133	Z	.444	.444	0	%100
41	M137	X	.616	.616	0	%100
42	M137	Z	1.067	1.067	0	%100
43	M138	X	.471	.471	0	%100
44	M138	Z	.815	.815	0	%100
45	M140	X	.496	.496	0	%100
46	M140	Z	.859	.859	0	%100
47	M142	X	.616	.616	0	%100
48	M142	Z	1.067	1.067	0	%100
49	M143	X	.471	.471	0	%100
50	M143	Z	.815	.815	0	%100
51	M145	X	.496	.496	0	%100
52	M145	Z	.859	.859	0	%100
53	M150	X	.291	.291	0	%100
54	M150	Z	.504	.504	0	%100
55	M151	X	.091	.091	0	%100
56	M151	Z	.158	.158	0	%100
57	M152	X	.232	.232	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,%]
58	M152	Z	.401	.401	0	%100
59	M153	X	.232	.232	0	%100
60	M153	Z	.401	.401	0	%100
61	M154	X	.462	.462	0	%100
62	M154	Z	.8	.8	0	%100
63	M157	X	.257	.257	0	%100
64	M157	Z	.444	.444	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	.154	.154	0	%100
68	M162	Z	.267	.267	0	%100
69	M163	X	.471	.471	0	%100
70	M163	Z	.815	.815	0	%100
71	M165	X	.496	.496	0	%100
72	M165	Z	.859	.859	0	%100
73	M167	X	.154	.154	0	%100
74	M167	Z	.267	.267	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	.073	.073	0	%100
80	M175	Z	.126	.126	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	.27	.27	0	%100
84	M177	Z	.467	.467	0	%100
85	MP1A	X	.244	.244	0	%100
86	MP1A	Z	.422	.422	0	%100
87	MP2A	X	.244	.244	0	%100
88	MP2A	Z	.422	.422	0	%100
89	MP3A	X	.244	.244	0	%100
90	MP3A	Z	.422	.422	0	%100
91	MP4A	X	.244	.244	0	%100
92	MP4A	Z	.422	.422	0	%100
93	MP1C	X	.244	.244	0	%100
94	MP1C	Z	.422	.422	0	%100
95	MP2C	X	.244	.244	0	%100
96	MP2C	Z	.422	.422	0	%100
97	MP3C	X	.244	.244	0	%100
98	MP3C	Z	.422	.422	0	%100
99	MP4C	X	.244	.244	0	%100
100	MP4C	Z	.422	.422	0	%100
101	MP1B	X	.244	.244	0	%100
102	MP1B	Z	.422	.422	0	%100
103	MP2B	X	.244	.244	0	%100
104	MP2B	Z	.422	.422	0	%100
105	MP3B	X	.244	.244	0	%100
106	MP3B	Z	.422	.422	0	%100
107	MP4B	X	.244	.244	0	%100
108	MP4B	Z	.422	.422	0	%100
109	OVP1	X	.199	.199	0	%100
110	OVP1	Z	.345	.345	0	%100
111	M105A	X	.221	.221	0	%100
112	M105A	Z	.384	.384	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M119A	X	.221	.221	0	%100
116	M119A	Z	.384	.384	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	.231	.231	0	%100
120	M127A	Z	.4	.4	0	%100
121	M128A	X	.231	.231	0	%100
122	M128A	Z	.4	.4	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	M100	X	0	0	0	%100
2	M100	Z	.719	.719	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	.618	.618	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	.618	.618	0	%100
9	M104	X	0	0	0	%100
10	M104	Z	1.232	1.232	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	.171	.171	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	.171	.171	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	.314	.314	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	.331	.331	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	.314	.314	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	.331	.331	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	.548	.548	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	.154	.154	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	.154	.154	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	.308	.308	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	.171	.171	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	.684	.684	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	.924	.924	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	.314	.314	0	%100
45	M140	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,%]
46	M140	Z	.331	.331	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	.924	.924	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	1.255	1.255	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	1.322	1.322	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	.436	.436	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	.548	.548	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	.154	.154	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	.154	.154	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	.308	.308	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	.684	.684	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	.171	.171	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	.924	.924	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	1.255	1.255	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	1.322	1.322	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	.924	.924	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	.314	.314	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	.331	.331	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	.436	.436	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	.18	.18	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	.18	.18	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	.488	.488	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	.488	.488	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	.488	.488	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	.488	.488	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	.488	.488	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	.488	.488	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	.488	.488	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	.488	.488	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.488	.488	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,%]
103	MP2B	X	0	0	0	%100
104	MP2B	Z	.488	.488	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	.488	.488	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	.488	.488	0	%100
109	OVP1	X	0	0	0	%100
110	OVP1	Z	.399	.399	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	.591	.591	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	.148	.148	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	.148	.148	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	.154	.154	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	.154	.154	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	.616	.616	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	M100	X	-.27	-.27	0	%100
2	M100	Z	.467	.467	0	%100
3	M101	X	-.091	-.091	0	%100
4	M101	Z	.158	.158	0	%100
5	M102	X	-.232	-.232	0	%100
6	M102	Z	.401	.401	0	%100
7	M103	X	-.232	-.232	0	%100
8	M103	Z	.401	.401	0	%100
9	M104	X	-.462	-.462	0	%100
10	M104	Z	.8	.8	0	%100
11	M107	X	-.257	-.257	0	%100
12	M107	Z	.444	.444	0	%100
13	M108	X	0	0	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	-.154	-.154	0	%100
16	M112	Z	.267	.267	0	%100
17	M113	X	-.471	-.471	0	%100
18	M113	Z	.815	.815	0	%100
19	M115	X	-.496	-.496	0	%100
20	M115	Z	.859	.859	0	%100
21	M117	X	-.154	-.154	0	%100
22	M117	Z	.267	.267	0	%100
23	M118	X	0	0	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	0	0	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	-.073	-.073	0	%100
28	M125	Z	.126	.126	0	%100
29	M126	X	-.091	-.091	0	%100
30	M126	Z	.158	.158	0	%100
31	M127	X	-.232	-.232	0	%100
32	M127	Z	.401	.401	0	%100
33	M128	X	-.232	-.232	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,%]
34	M128	Z	.401	.401	0	%100
35	M129	X	-.462	-.462	0	%100
36	M129	Z	.8	.8	0	%100
37	M132	X	0	0	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	-.257	-.257	0	%100
40	M133	Z	.444	.444	0	%100
41	M137	X	-.154	-.154	0	%100
42	M137	Z	.267	.267	0	%100
43	M138	X	0	0	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	0	0	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	-.154	-.154	0	%100
48	M142	Z	.267	.267	0	%100
49	M143	X	-.471	-.471	0	%100
50	M143	Z	.815	.815	0	%100
51	M145	X	-.496	-.496	0	%100
52	M145	Z	.859	.859	0	%100
53	M150	X	-.073	-.073	0	%100
54	M150	Z	.126	.126	0	%100
55	M151	X	-.365	-.365	0	%100
56	M151	Z	.632	.632	0	%100
57	M152	X	0	0	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	0	0	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	0	0	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	-.257	-.257	0	%100
64	M157	Z	.444	.444	0	%100
65	M158	X	-.257	-.257	0	%100
66	M158	Z	.444	.444	0	%100
67	M162	X	-.616	-.616	0	%100
68	M162	Z	1.067	1.067	0	%100
69	M163	X	-.471	-.471	0	%100
70	M163	Z	.815	.815	0	%100
71	M165	X	-.496	-.496	0	%100
72	M165	Z	.859	.859	0	%100
73	M167	X	-.616	-.616	0	%100
74	M167	Z	1.067	1.067	0	%100
75	M168	X	-.471	-.471	0	%100
76	M168	Z	.815	.815	0	%100
77	M170	X	-.496	-.496	0	%100
78	M170	Z	.859	.859	0	%100
79	M175	X	-.291	-.291	0	%100
80	M175	Z	.504	.504	0	%100
81	M176	X	-.27	-.27	0	%100
82	M176	Z	.467	.467	0	%100
83	M177	X	0	0	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	-.244	-.244	0	%100
86	MP1A	Z	.422	.422	0	%100
87	MP2A	X	-.244	-.244	0	%100
88	MP2A	Z	.422	.422	0	%100
89	MP3A	X	-.244	-.244	0	%100
90	MP3A	Z	.422	.422	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,%]
91	MP4A	X	-.244	-.244	0	%100
92	MP4A	Z	.422	.422	0	%100
93	MP1C	X	-.244	-.244	0	%100
94	MP1C	Z	.422	.422	0	%100
95	MP2C	X	-.244	-.244	0	%100
96	MP2C	Z	.422	.422	0	%100
97	MP3C	X	-.244	-.244	0	%100
98	MP3C	Z	.422	.422	0	%100
99	MP4C	X	-.244	-.244	0	%100
100	MP4C	Z	.422	.422	0	%100
101	MP1B	X	-.244	-.244	0	%100
102	MP1B	Z	.422	.422	0	%100
103	MP2B	X	-.244	-.244	0	%100
104	MP2B	Z	.422	.422	0	%100
105	MP3B	X	-.244	-.244	0	%100
106	MP3B	Z	.422	.422	0	%100
107	MP4B	X	-.244	-.244	0	%100
108	MP4B	Z	.422	.422	0	%100
109	OVP1	X	-.199	-.199	0	%100
110	OVP1	Z	.345	.345	0	%100
111	M105A	X	-.221	-.221	0	%100
112	M105A	Z	.384	.384	0	%100
113	M112A	X	-.221	-.221	0	%100
114	M112A	Z	.384	.384	0	%100
115	M119A	X	0	0	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	-.231	-.231	0	%100
118	M126A	Z	.4	.4	0	%100
119	M127A	X	0	0	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	-.231	-.231	0	%100
122	M128A	Z	.4	.4	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	M100	X	-.156	-.156	0	%100
2	M100	Z	.09	.09	0	%100
3	M101	X	-.474	-.474	0	%100
4	M101	Z	.274	.274	0	%100
5	M102	X	-.134	-.134	0	%100
6	M102	Z	.077	.077	0	%100
7	M103	X	-.134	-.134	0	%100
8	M103	Z	.077	.077	0	%100
9	M104	X	-.267	-.267	0	%100
10	M104	Z	.154	.154	0	%100
11	M107	X	-.593	-.593	0	%100
12	M107	Z	.342	.342	0	%100
13	M108	X	-.148	-.148	0	%100
14	M108	Z	.086	.086	0	%100
15	M112	X	-.8	-.8	0	%100
16	M112	Z	.462	.462	0	%100
17	M113	X	-1.087	-1.087	0	%100
18	M113	Z	.628	.628	0	%100
19	M115	X	-1.145	-1.145	0	%100
20	M115	Z	.661	.661	0	%100
21	M117	X	-.8	-.8	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,%]
22	M117	Z	.462	.462	0	%100
23	M118	X	-.272	-.272	0	%100
24	M118	Z	.157	.157	0	%100
25	M120	X	-.286	-.286	0	%100
26	M120	Z	.165	.165	0	%100
27	M125	X	-.378	-.378	0	%100
28	M125	Z	.218	.218	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-.535	-.535	0	%100
32	M127	Z	.309	.309	0	%100
33	M128	X	-.535	-.535	0	%100
34	M128	Z	.309	.309	0	%100
35	M129	X	-1.067	-1.067	0	%100
36	M129	Z	.616	.616	0	%100
37	M132	X	-.148	-.148	0	%100
38	M132	Z	.086	.086	0	%100
39	M133	X	-.148	-.148	0	%100
40	M133	Z	.086	.086	0	%100
41	M137	X	0	0	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	-.272	-.272	0	%100
44	M138	Z	.157	.157	0	%100
45	M140	X	-.286	-.286	0	%100
46	M140	Z	.165	.165	0	%100
47	M142	X	0	0	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	-.272	-.272	0	%100
50	M143	Z	.157	.157	0	%100
51	M145	X	-.286	-.286	0	%100
52	M145	Z	.165	.165	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-.474	-.474	0	%100
56	M151	Z	.274	.274	0	%100
57	M152	X	-.134	-.134	0	%100
58	M152	Z	.077	.077	0	%100
59	M153	X	-.134	-.134	0	%100
60	M153	Z	.077	.077	0	%100
61	M154	X	-.267	-.267	0	%100
62	M154	Z	.154	.154	0	%100
63	M157	X	-.148	-.148	0	%100
64	M157	Z	.086	.086	0	%100
65	M158	X	-.593	-.593	0	%100
66	M158	Z	.342	.342	0	%100
67	M162	X	-.8	-.8	0	%100
68	M162	Z	.462	.462	0	%100
69	M163	X	-.272	-.272	0	%100
70	M163	Z	.157	.157	0	%100
71	M165	X	-.286	-.286	0	%100
72	M165	Z	.165	.165	0	%100
73	M167	X	-.8	-.8	0	%100
74	M167	Z	.462	.462	0	%100
75	M168	X	-1.087	-1.087	0	%100
76	M168	Z	.628	.628	0	%100
77	M170	X	-1.145	-1.145	0	%100
78	M170	Z	.661	.661	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,%]
79	M175	X	-.378	-.378	0	%100
80	M175	Z	.218	.218	0	%100
81	M176	X	-.623	-.623	0	%100
82	M176	Z	.359	.359	0	%100
83	M177	X	-.156	-.156	0	%100
84	M177	Z	.09	.09	0	%100
85	MP1A	X	-.422	-.422	0	%100
86	MP1A	Z	.244	.244	0	%100
87	MP2A	X	-.422	-.422	0	%100
88	MP2A	Z	.244	.244	0	%100
89	MP3A	X	-.422	-.422	0	%100
90	MP3A	Z	.244	.244	0	%100
91	MP4A	X	-.422	-.422	0	%100
92	MP4A	Z	.244	.244	0	%100
93	MP1C	X	-.422	-.422	0	%100
94	MP1C	Z	.244	.244	0	%100
95	MP2C	X	-.422	-.422	0	%100
96	MP2C	Z	.244	.244	0	%100
97	MP3C	X	-.422	-.422	0	%100
98	MP3C	Z	.244	.244	0	%100
99	MP4C	X	-.422	-.422	0	%100
100	MP4C	Z	.244	.244	0	%100
101	MP1B	X	-.422	-.422	0	%100
102	MP1B	Z	.244	.244	0	%100
103	MP2B	X	-.422	-.422	0	%100
104	MP2B	Z	.244	.244	0	%100
105	MP3B	X	-.422	-.422	0	%100
106	MP3B	Z	.244	.244	0	%100
107	MP4B	X	-.422	-.422	0	%100
108	MP4B	Z	.244	.244	0	%100
109	OVP1	X	-.345	-.345	0	%100
110	OVP1	Z	.199	.199	0	%100
111	M105A	X	-.128	-.128	0	%100
112	M105A	Z	.074	.074	0	%100
113	M112A	X	-.511	-.511	0	%100
114	M112A	Z	.295	.295	0	%100
115	M119A	X	-.128	-.128	0	%100
116	M119A	Z	.074	.074	0	%100
117	M126A	X	-.534	-.534	0	%100
118	M126A	Z	.308	.308	0	%100
119	M127A	X	-.133	-.133	0	%100
120	M127A	Z	.077	.077	0	%100
121	M128A	X	-.133	-.133	0	%100
122	M128A	Z	.077	.077	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	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	-.73	-.73	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M104	X	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,%]
10	M104	Z	0	0	0	%100
11	M107	X	-.513	-.513	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	-.513	-.513	0	%100
14	M108	Z	0	0	0	%100
15	M112	X	-1.232	-1.232	0	%100
16	M112	Z	0	0	0	%100
17	M113	X	-.941	-.941	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	-.992	-.992	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	-1.232	-1.232	0	%100
22	M117	Z	0	0	0	%100
23	M118	X	-.941	-.941	0	%100
24	M118	Z	0	0	0	%100
25	M120	X	-.992	-.992	0	%100
26	M120	Z	0	0	0	%100
27	M125	X	-.582	-.582	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	-.183	-.183	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-.463	-.463	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	-.463	-.463	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	-.924	-.924	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	-.513	-.513	0	%100
38	M132	Z	0	0	0	%100
39	M133	X	0	0	0	%100
40	M133	Z	0	0	0	%100
41	M137	X	-.308	-.308	0	%100
42	M137	Z	0	0	0	%100
43	M138	X	-.941	-.941	0	%100
44	M138	Z	0	0	0	%100
45	M140	X	-.992	-.992	0	%100
46	M140	Z	0	0	0	%100
47	M142	X	-.308	-.308	0	%100
48	M142	Z	0	0	0	%100
49	M143	X	0	0	0	%100
50	M143	Z	0	0	0	%100
51	M145	X	0	0	0	%100
52	M145	Z	0	0	0	%100
53	M150	X	-.145	-.145	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-.183	-.183	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	-.463	-.463	0	%100
58	M152	Z	0	0	0	%100
59	M153	X	-.463	-.463	0	%100
60	M153	Z	0	0	0	%100
61	M154	X	-.924	-.924	0	%100
62	M154	Z	0	0	0	%100
63	M157	X	0	0	0	%100
64	M157	Z	0	0	0	%100
65	M158	X	-.513	-.513	0	%100
66	M158	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,%]
67	M162	X	-.308	-.308	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	0	0	0	%100
70	M163	Z	0	0	0	%100
71	M165	X	0	0	0	%100
72	M165	Z	0	0	0	%100
73	M167	X	-.308	-.308	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	-.941	-.941	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	-.992	-.992	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	-.145	-.145	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	-.539	-.539	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	-.539	-.539	0	%100
84	M177	Z	0	0	0	%100
85	MP1A	X	-.488	-.488	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	-.488	-.488	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	-.488	-.488	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	-.488	-.488	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	-.488	-.488	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	-.488	-.488	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	-.488	-.488	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	-.488	-.488	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	-.488	-.488	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-.488	-.488	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-.488	-.488	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-.488	-.488	0	%100
108	MP4B	Z	0	0	0	%100
109	OVP1	X	-.399	-.399	0	%100
110	OVP1	Z	0	0	0	%100
111	M105A	X	0	0	0	%100
112	M105A	Z	0	0	0	%100
113	M112A	X	-.443	-.443	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	-.443	-.443	0	%100
116	M119A	Z	0	0	0	%100
117	M126A	X	-.462	-.462	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	-.462	-.462	0	%100
120	M127A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	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	M100	X	-.156	-.156	0	%100
2	M100	Z	-.09	-.09	0	%100
3	M101	X	-.474	-.474	0	%100
4	M101	Z	-.274	-.274	0	%100
5	M102	X	-.134	-.134	0	%100
6	M102	Z	-.077	-.077	0	%100
7	M103	X	-.134	-.134	0	%100
8	M103	Z	-.077	-.077	0	%100
9	M104	X	-.267	-.267	0	%100
10	M104	Z	-.154	-.154	0	%100
11	M107	X	-.148	-.148	0	%100
12	M107	Z	-.086	-.086	0	%100
13	M108	X	-.593	-.593	0	%100
14	M108	Z	-.342	-.342	0	%100
15	M112	X	-.8	-.8	0	%100
16	M112	Z	-.462	-.462	0	%100
17	M113	X	-.272	-.272	0	%100
18	M113	Z	-.157	-.157	0	%100
19	M115	X	-.286	-.286	0	%100
20	M115	Z	-.165	-.165	0	%100
21	M117	X	-.8	-.8	0	%100
22	M117	Z	-.462	-.462	0	%100
23	M118	X	-1.087	-1.087	0	%100
24	M118	Z	-.628	-.628	0	%100
25	M120	X	-1.145	-1.145	0	%100
26	M120	Z	-.661	-.661	0	%100
27	M125	X	-.378	-.378	0	%100
28	M125	Z	-.218	-.218	0	%100
29	M126	X	-.474	-.474	0	%100
30	M126	Z	-.274	-.274	0	%100
31	M127	X	-.134	-.134	0	%100
32	M127	Z	-.077	-.077	0	%100
33	M128	X	-.134	-.134	0	%100
34	M128	Z	-.077	-.077	0	%100
35	M129	X	-.267	-.267	0	%100
36	M129	Z	-.154	-.154	0	%100
37	M132	X	-.593	-.593	0	%100
38	M132	Z	-.342	-.342	0	%100
39	M133	X	-.148	-.148	0	%100
40	M133	Z	-.086	-.086	0	%100
41	M137	X	-.8	-.8	0	%100
42	M137	Z	-.462	-.462	0	%100
43	M138	X	-1.087	-1.087	0	%100
44	M138	Z	-.628	-.628	0	%100
45	M140	X	-1.145	-1.145	0	%100
46	M140	Z	-.661	-.661	0	%100
47	M142	X	-.8	-.8	0	%100
48	M142	Z	-.462	-.462	0	%100
49	M143	X	-.272	-.272	0	%100
50	M143	Z	-.157	-.157	0	%100
51	M145	X	-.286	-.286	0	%100
52	M145	Z	-.165	-.165	0	%100
53	M150	X	-.378	-.378	0	%100
54	M150	Z	-.218	-.218	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M152	X	-.535	-.535	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,%]
58	M152	Z	-.309	-.309	0	%100
59	M153	X	-.535	-.535	0	%100
60	M153	Z	-.309	-.309	0	%100
61	M154	X	-1.067	-1.067	0	%100
62	M154	Z	-.616	-.616	0	%100
63	M157	X	-.148	-.148	0	%100
64	M157	Z	-.086	-.086	0	%100
65	M158	X	-.148	-.148	0	%100
66	M158	Z	-.086	-.086	0	%100
67	M162	X	0	0	0	%100
68	M162	Z	0	0	0	%100
69	M163	X	-.272	-.272	0	%100
70	M163	Z	-.157	-.157	0	%100
71	M165	X	-.286	-.286	0	%100
72	M165	Z	-.165	-.165	0	%100
73	M167	X	0	0	0	%100
74	M167	Z	0	0	0	%100
75	M168	X	-.272	-.272	0	%100
76	M168	Z	-.157	-.157	0	%100
77	M170	X	-.286	-.286	0	%100
78	M170	Z	-.165	-.165	0	%100
79	M175	X	0	0	0	%100
80	M175	Z	0	0	0	%100
81	M176	X	-.156	-.156	0	%100
82	M176	Z	-.09	-.09	0	%100
83	M177	X	-.623	-.623	0	%100
84	M177	Z	-.359	-.359	0	%100
85	MP1A	X	-.422	-.422	0	%100
86	MP1A	Z	-.244	-.244	0	%100
87	MP2A	X	-.422	-.422	0	%100
88	MP2A	Z	-.244	-.244	0	%100
89	MP3A	X	-.422	-.422	0	%100
90	MP3A	Z	-.244	-.244	0	%100
91	MP4A	X	-.422	-.422	0	%100
92	MP4A	Z	-.244	-.244	0	%100
93	MP1C	X	-.422	-.422	0	%100
94	MP1C	Z	-.244	-.244	0	%100
95	MP2C	X	-.422	-.422	0	%100
96	MP2C	Z	-.244	-.244	0	%100
97	MP3C	X	-.422	-.422	0	%100
98	MP3C	Z	-.244	-.244	0	%100
99	MP4C	X	-.422	-.422	0	%100
100	MP4C	Z	-.244	-.244	0	%100
101	MP1B	X	-.422	-.422	0	%100
102	MP1B	Z	-.244	-.244	0	%100
103	MP2B	X	-.422	-.422	0	%100
104	MP2B	Z	-.244	-.244	0	%100
105	MP3B	X	-.422	-.422	0	%100
106	MP3B	Z	-.244	-.244	0	%100
107	MP4B	X	-.422	-.422	0	%100
108	MP4B	Z	-.244	-.244	0	%100
109	OVP1	X	-.345	-.345	0	%100
110	OVP1	Z	-.199	-.199	0	%100
111	M105A	X	-.128	-.128	0	%100
112	M105A	Z	-.074	-.074	0	%100
113	M112A	X	-.128	-.128	0	%100
114	M112A	Z	-.074	-.074	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,%]
115	M119A	X	-.511	-.511	0	%100
116	M119A	Z	-.295	-.295	0	%100
117	M126A	X	-.133	-.133	0	%100
118	M126A	Z	-.077	-.077	0	%100
119	M127A	X	-.534	-.534	0	%100
120	M127A	Z	-.308	-.308	0	%100
121	M128A	X	-.133	-.133	0	%100
122	M128A	Z	-.077	-.077	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	M100	X	-.27	-.27	0	%100
2	M100	Z	-.467	-.467	0	%100
3	M101	X	-.091	-.091	0	%100
4	M101	Z	-.158	-.158	0	%100
5	M102	X	-.232	-.232	0	%100
6	M102	Z	-.401	-.401	0	%100
7	M103	X	-.232	-.232	0	%100
8	M103	Z	-.401	-.401	0	%100
9	M104	X	-.462	-.462	0	%100
10	M104	Z	-.8	-.8	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M108	X	-.257	-.257	0	%100
14	M108	Z	-.444	-.444	0	%100
15	M112	X	-.154	-.154	0	%100
16	M112	Z	-.267	-.267	0	%100
17	M113	X	0	0	0	%100
18	M113	Z	0	0	0	%100
19	M115	X	0	0	0	%100
20	M115	Z	0	0	0	%100
21	M117	X	-.154	-.154	0	%100
22	M117	Z	-.267	-.267	0	%100
23	M118	X	-.471	-.471	0	%100
24	M118	Z	-.815	-.815	0	%100
25	M120	X	-.496	-.496	0	%100
26	M120	Z	-.859	-.859	0	%100
27	M125	X	-.073	-.073	0	%100
28	M125	Z	-.126	-.126	0	%100
29	M126	X	-.365	-.365	0	%100
30	M126	Z	-.632	-.632	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M128	X	0	0	0	%100
34	M128	Z	0	0	0	%100
35	M129	X	0	0	0	%100
36	M129	Z	0	0	0	%100
37	M132	X	-.257	-.257	0	%100
38	M132	Z	-.444	-.444	0	%100
39	M133	X	-.257	-.257	0	%100
40	M133	Z	-.444	-.444	0	%100
41	M137	X	-.616	-.616	0	%100
42	M137	Z	-1.067	-1.067	0	%100
43	M138	X	-.471	-.471	0	%100
44	M138	Z	-.815	-.815	0	%100
45	M140	X	-.496	-.496	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,%]
46	M140	Z	-.859	-.859	0	%100
47	M142	X	-.616	-.616	0	%100
48	M142	Z	-1.067	-1.067	0	%100
49	M143	X	-.471	-.471	0	%100
50	M143	Z	-.815	-.815	0	%100
51	M145	X	-.496	-.496	0	%100
52	M145	Z	-.859	-.859	0	%100
53	M150	X	-.291	-.291	0	%100
54	M150	Z	-.504	-.504	0	%100
55	M151	X	-.091	-.091	0	%100
56	M151	Z	-.158	-.158	0	%100
57	M152	X	-.232	-.232	0	%100
58	M152	Z	-.401	-.401	0	%100
59	M153	X	-.232	-.232	0	%100
60	M153	Z	-.401	-.401	0	%100
61	M154	X	-.462	-.462	0	%100
62	M154	Z	-.8	-.8	0	%100
63	M157	X	-.257	-.257	0	%100
64	M157	Z	-.444	-.444	0	%100
65	M158	X	0	0	0	%100
66	M158	Z	0	0	0	%100
67	M162	X	-.154	-.154	0	%100
68	M162	Z	-.267	-.267	0	%100
69	M163	X	-.471	-.471	0	%100
70	M163	Z	-.815	-.815	0	%100
71	M165	X	-.496	-.496	0	%100
72	M165	Z	-.859	-.859	0	%100
73	M167	X	-.154	-.154	0	%100
74	M167	Z	-.267	-.267	0	%100
75	M168	X	0	0	0	%100
76	M168	Z	0	0	0	%100
77	M170	X	0	0	0	%100
78	M170	Z	0	0	0	%100
79	M175	X	-.073	-.073	0	%100
80	M175	Z	-.126	-.126	0	%100
81	M176	X	0	0	0	%100
82	M176	Z	0	0	0	%100
83	M177	X	-.27	-.27	0	%100
84	M177	Z	-.467	-.467	0	%100
85	MP1A	X	-.244	-.244	0	%100
86	MP1A	Z	-.422	-.422	0	%100
87	MP2A	X	-.244	-.244	0	%100
88	MP2A	Z	-.422	-.422	0	%100
89	MP3A	X	-.244	-.244	0	%100
90	MP3A	Z	-.422	-.422	0	%100
91	MP4A	X	-.244	-.244	0	%100
92	MP4A	Z	-.422	-.422	0	%100
93	MP1C	X	-.244	-.244	0	%100
94	MP1C	Z	-.422	-.422	0	%100
95	MP2C	X	-.244	-.244	0	%100
96	MP2C	Z	-.422	-.422	0	%100
97	MP3C	X	-.244	-.244	0	%100
98	MP3C	Z	-.422	-.422	0	%100
99	MP4C	X	-.244	-.244	0	%100
100	MP4C	Z	-.422	-.422	0	%100
101	MP1B	X	-.244	-.244	0	%100
102	MP1B	Z	-.422	-.422	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,%]
103	MP2B	X	-.244	-.244	0	%100
104	MP2B	Z	-.422	-.422	0	%100
105	MP3B	X	-.244	-.244	0	%100
106	MP3B	Z	-.422	-.422	0	%100
107	MP4B	X	-.244	-.244	0	%100
108	MP4B	Z	-.422	-.422	0	%100
109	OVP1	X	-.199	-.199	0	%100
110	OVP1	Z	-.345	-.345	0	%100
111	M105A	X	-.221	-.221	0	%100
112	M105A	Z	-.384	-.384	0	%100
113	M112A	X	0	0	0	%100
114	M112A	Z	0	0	0	%100
115	M119A	X	-.221	-.221	0	%100
116	M119A	Z	-.384	-.384	0	%100
117	M126A	X	0	0	0	%100
118	M126A	Z	0	0	0	%100
119	M127A	X	-.231	-.231	0	%100
120	M127A	Z	-.4	-.4	0	%100
121	M128A	X	-.231	-.231	0	%100
122	M128A	Z	-.4	-.4	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	M132	Y	-1.661	-4.228	0	.832
2	M132	Y	-4.228	-6.902	.832	1.665
3	M132	Y	-6.902	-8.189	1.665	2.497
4	M132	Y	-8.189	-6.545	2.497	3.329
5	M132	Y	-6.545	-3.463	3.329	4.162
6	M133	Y	-3.462	-6.573	0	.832
7	M133	Y	-6.573	-8.26	.832	1.665
8	M133	Y	-8.26	-7.044	1.665	2.497
9	M133	Y	-7.044	-4.426	2.497	3.329
10	M133	Y	-4.426	-1.884	3.329	4.162
11	M157	Y	-1.884	-4.426	0	.832
12	M157	Y	-4.426	-7.044	.832	1.665
13	M157	Y	-7.044	-8.26	1.665	2.497
14	M157	Y	-8.26	-6.573	2.497	3.329
15	M157	Y	-6.573	-3.462	3.329	4.162
16	M158	Y	-3.463	-6.545	0	.832
17	M158	Y	-6.545	-8.189	.832	1.665
18	M158	Y	-8.189	-6.902	1.665	2.497
19	M158	Y	-6.902	-4.228	2.497	3.329
20	M158	Y	-4.228	-1.661	3.329	4.162
21	M107	Y	-1.884	-4.426	0	.832
22	M107	Y	-4.426	-7.044	.832	1.665
23	M107	Y	-7.044	-8.26	1.665	2.497
24	M107	Y	-8.26	-6.573	2.497	3.329
25	M107	Y	-6.573	-3.462	3.329	4.162
26	M108	Y	-3.463	-6.545	0	.832
27	M108	Y	-6.545	-8.189	.832	1.665
28	M108	Y	-8.189	-6.902	1.665	2.497
29	M108	Y	-6.902	-4.228	2.497	3.329
30	M108	Y	-4.228	-1.661	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,%]

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,%]
1	M132	Y	-3.419	-8.701	0	.832
2	M132	Y	-8.701	-14.202	.832	1.665
3	M132	Y	-14.202	-16.85	1.665	2.497
4	M132	Y	-16.85	-13.467	2.497	3.329
5	M132	Y	-13.467	-7.126	3.329	4.162
6	M133	Y	-7.123	-13.526	0	.832
7	M133	Y	-13.526	-16.997	.832	1.665
8	M133	Y	-16.997	-14.495	1.665	2.497
9	M133	Y	-14.495	-9.108	2.497	3.329
10	M133	Y	-9.108	-3.878	3.329	4.162
11	M157	Y	-3.867	-9.112	0	.832
12	M157	Y	-9.112	-14.49	.832	1.665
13	M157	Y	-14.49	-16.989	1.665	2.497
14	M157	Y	-16.989	-13.535	2.497	3.329
15	M157	Y	-13.535	-7.14	3.329	4.162
16	M158	Y	-7.125	-13.467	0	.832
17	M158	Y	-13.467	-16.85	.832	1.665
18	M158	Y	-16.85	-14.198	1.665	2.497
19	M158	Y	-14.198	-8.698	2.497	3.329
20	M158	Y	-8.698	-3.427	3.329	4.162
21	M107	Y	-3.419	-8.701	0	.832
22	M107	Y	-8.701	-14.202	.832	1.665
23	M107	Y	-14.202	-16.85	1.665	2.497
24	M107	Y	-16.85	-13.467	2.497	3.329
25	M107	Y	-13.467	-7.126	3.329	4.162
26	M108	Y	-7.123	-13.526	0	.832
27	M108	Y	-13.526	-16.997	.832	1.665
28	M108	Y	-16.997	-14.495	1.665	2.497
29	M108	Y	-14.495	-9.108	2.497	3.329
30	M108	Y	-9.108	-3.878	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	M132	Y	-.039	-.098	0	.832
2	M132	Y	-.098	-.161	.832	1.665
3	M132	Y	-.161	-.191	1.665	2.497
4	M132	Y	-.191	-.152	2.497	3.329
5	M132	Y	-.152	-.081	3.329	4.162
6	M133	Y	-.081	-.153	0	.832
7	M133	Y	-.153	-.192	.832	1.665
8	M133	Y	-.192	-.164	1.665	2.497
9	M133	Y	-.164	-.103	2.497	3.329
10	M133	Y	-.103	-.044	3.329	4.162
11	M157	Y	-.044	-.103	0	.832
12	M157	Y	-.103	-.164	.832	1.665
13	M157	Y	-.164	-.192	1.665	2.497
14	M157	Y	-.192	-.153	2.497	3.329
15	M157	Y	-.153	-.081	3.329	4.162
16	M158	Y	-.081	-.152	0	.832
17	M158	Y	-.152	-.191	.832	1.665
18	M158	Y	-.191	-.161	1.665	2.497
19	M158	Y	-.161	-.098	2.497	3.329
20	M158	Y	-.098	-.039	3.329	4.162
21	M107	Y	-.044	-.103	0	.832
22	M107	Y	-.103	-.164	.832	1.665
23	M107	Y	-.164	-.192	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
24	M107	Y	-.192	-.153	2.497	3.329
25	M107	Y	-.153	-.081	3.329	4.162
26	M108	Y	-.081	-.152	0	.832
27	M108	Y	-.152	-.191	.832	1.665
28	M108	Y	-.191	-.161	1.665	2.497
29	M108	Y	-.161	-.098	2.497	3.329
30	M108	Y	-.098	-.039	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	M132	Z	-.097	-.246	0	.832
2	M132	Z	-.246	-.402	.832	1.665
3	M132	Z	-.402	-.477	1.665	2.497
4	M132	Z	-.477	-.381	2.497	3.329
5	M132	Z	-.381	-.202	3.329	4.162
6	M133	Z	-.202	-.383	0	.832
7	M133	Z	-.383	-.481	.832	1.665
8	M133	Z	-.481	-.41	1.665	2.497
9	M133	Z	-.41	-.258	2.497	3.329
10	M133	Z	-.258	-.11	3.329	4.162
11	M157	Z	-.11	-.258	0	.832
12	M157	Z	-.258	-.41	.832	1.665
13	M157	Z	-.41	-.481	1.665	2.497
14	M157	Z	-.481	-.383	2.497	3.329
15	M157	Z	-.383	-.202	3.329	4.162
16	M158	Z	-.202	-.381	0	.832
17	M158	Z	-.381	-.477	.832	1.665
18	M158	Z	-.477	-.402	1.665	2.497
19	M158	Z	-.402	-.246	2.497	3.329
20	M158	Z	-.246	-.097	3.329	4.162
21	M107	Z	-.11	-.258	0	.832
22	M107	Z	-.258	-.41	.832	1.665
23	M107	Z	-.41	-.481	1.665	2.497
24	M107	Z	-.481	-.383	2.497	3.329
25	M107	Z	-.383	-.202	3.329	4.162
26	M108	Z	-.202	-.381	0	.832
27	M108	Z	-.381	-.477	.832	1.665
28	M108	Z	-.477	-.402	1.665	2.497
29	M108	Z	-.402	-.246	2.497	3.329
30	M108	Z	-.246	-.097	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	M132	X	.097	.246	0	.832
2	M132	X	.246	.402	.832	1.665
3	M132	X	.402	.477	1.665	2.497
4	M132	X	.477	.381	2.497	3.329
5	M132	X	.381	.202	3.329	4.162
6	M133	X	.202	.383	0	.832
7	M133	X	.383	.481	.832	1.665
8	M133	X	.481	.41	1.665	2.497
9	M133	X	.41	.258	2.497	3.329
10	M133	X	.258	.11	3.329	4.162
11	M157	X	.11	.258	0	.832
12	M157	X	.258	.41	.832	1.665
13	M157	X	.41	.481	1.665	2.497

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,%]
14	M157	X	.481	.383	2.497	3.329
15	M157	X	.383	.202	3.329	4.162
16	M158	X	.202	.381	0	.832
17	M158	X	.381	.477	.832	1.665
18	M158	X	.477	.402	1.665	2.497
19	M158	X	.402	.246	2.497	3.329
20	M158	X	.246	.097	3.329	4.162
21	M107	X	.11	.258	0	.832
22	M107	X	.258	.41	.832	1.665
23	M107	X	.41	.481	1.665	2.497
24	M107	X	.481	.383	2.497	3.329
25	M107	X	.383	.202	3.329	4.162
26	M108	X	.202	.381	0	.832
27	M108	X	.381	.477	.832	1.665
28	M108	X	.477	.402	1.665	2.497
29	M108	X	.402	.246	2.497	3.329
30	M108	X	.246	.097	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N202	N200	N178	N179	Y	Two Way	-.005
2	N229	N231	N208	N207	Y	Two Way	-.005
3	N149	N148A	N170	N172	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N202	N200	N178	N179	Y	Two Way	-.011
2	N207	N208	N231	N229	Y	Two Way	-.011
3	N148A	N149	N172	N170	Y	Two Way	-.011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N202	N200	N178	N179	Y	Two Way	-.000121
2	N229	N231	N208	N207	Y	Two Way	-.000121
3	N149	N148A	N170	N172	Y	Two Way	-.000121

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N202	N200	N178	N179	Z	Two Way	-.000303
2	N229	N231	N208	N207	Z	Two Way	-.000303
3	N149	N148A	N170	N172	Z	Two Way	-.000303

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N202	N200	N178	N179	X	Two Way	.000303
2	N229	N231	N208	N207	X	Two Way	.000303
3	N149	N148A	N170	N172	X	Two Way	.000303

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N175	max	1119.941	10	2422.787	13	1960.501	1	5.385	13	1.743	4	.126	29
2		min	-1130.926	4	826.801	70	-2095.78	7	1.803	70	-1.759	10	-.155	11
3	N204	max	1498.401	9	2270.278	21	1358.608	1	-.901	66	1.612	12	-1.514	66
4		min	-1609.594	3	789.354	66	-1281.181	7	-2.705	21	-1.627	6	-4.431	21
5	N233	max	1819.546	10	2274.442	17	1039.171	1	-.86	74	1.623	8	4.688	29
6		min	-1694.708	4	790.424	74	-981.319	7	-2.994	29	-1.638	2	1.541	74
7	Totals:	max	4342.461	10	6866.846	16	4358.28	1						
8		min	-4342.466	4	2436.006	73	-4358.28	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M100	PIPE_3.0	.150	5.104	19	.063	8.896		20	22812.1...	65205	5.749	5.749	2....	H1-1b
2	M101	HSS4X4X4	.244	0	22	.071	0	y	24	124657....	139518	16.181	16.181	3....	H1-1b
3	M102	HSS4X4X4	.170	2.375	14	.046	2.375	y	21	136263....	139518	16.181	16.181	1....	H1-1b
4	M103	HSS4X4X4	.174	0	24	.051	0	y	17	136263....	139518	16.181	16.181	1....	H1-1b
5	M104	PL1/2x6	.122	.516	8	.078	1.031	y	15	66009.2...	97200	1.012	12.15	1....	H1-1b
6	M107	L2x2x3	.124	4.162	2	.013	0	y	17	9823.122	23392.8	.558	1.084	1....	H2-1
7	M108	L2x2x3	.144	4.162	12	.013	4.162	y	20	9823.122	23392.8	.558	1.084	1....	H2-1
8	M112	PL3/8x6	.159	0	2	.387	0	y	18	70677.9...	72900	.57	9.113	1....	H1-1b
9	M113	PL3/8x6	.219	.167	8	.350	0	y	13	71601.7...	72900	.57	9.113	1....	H1-1b
10	M115	PL1/2x6	.040	.112	1	.038	.112	y	29	96757.5...	97200	1.012	12.15	1....	H1-1b
11	M117	PL3/8x6	.186	0	4	.335	0	y	17	70677.9...	72900	.57	9.113	1....	H1-1b
12	M118	PL3/8x6	.253	.167	6	.366	0	y	13	71601.7...	72900	.57	9.113	1.3	H1-1b
13	M120	PL1/2x6	.040	.112	3	.033	.112	y	50	96757.5...	97200	1.012	12.15	1....	H1-1b
14	M125	HSS4X4X4	.351	0	22	.072	0	y	24	139258....	139518	16.181	16.181	1....	H1-1b
15	M126	HSS4X4X4	.239	0	18	.090	0	y	44	124657....	139518	16.181	16.181	3....	H1-1b
16	M127	HSS4X4X4	.171	2.375	22	.046	2.375	y	17	136263....	139518	16.181	16.181	1....	H1-1b
17	M128	HSS4X4X4	.174	0	20	.051	0	y	13	136263....	139518	16.181	16.181	1....	H1-1b
18	M129	PL1/2x6	.123	.516	4	.088	.516	y	50	66009.2...	97200	1.012	12.15	1....	H1-1b
19	M132	L2x2x3	.124	4.162	10	.013	0	y	13	9823.122	23392.8	.558	1.084	1....	H2-1
20	M133	L2x2x3	.144	4.162	8	.013	4.162	y	16	9823.122	23392.8	.558	1.084	1....	H2-1
21	M137	PL3/8x6	.161	0	10	.389	0	y	14	70677.9...	72900	.57	9.113	1....	H1-1b
22	M138	PL3/8x6	.219	.167	4	.351	0	y	22	71601.7...	72900	.57	9.113	1....	H1-1b
23	M140	PL1/2x6	.040	.112	9	.043	.112	y	50	96757.5...	97200	1.012	12.15	1....	H1-1b
24	M142	PL3/8x6	.186	0	12	.332	0	y	14	70677.9...	72900	.57	9.113	1....	H1-1b
25	M143	PL3/8x6	.252	.167	2	.364	0	y	21	71601.7...	72900	.57	9.113	1....	H1-1b
26	M145	PL1/2x6	.040	.112	11	.057	0	y	50	96757.5...	97200	1.012	12.15	1....	H1-1b
27	M150	HSS4X4X4	.339	0	18	.090	0	y	44	139258....	139518	16.181	16.181	1....	H1-1b
28	M151	HSS4X4X4	.264	0	26	.071	0	y	34	124657....	139518	16.181	16.181	3....	H1-1b
29	M152	HSS4X4X4	.171	2.375	18	.046	2.375	y	13	136263....	139518	16.181	16.181	1....	H1-1b
30	M153	HSS4X4X4	.175	0	16	.051	0	y	21	136263....	139518	16.181	16.181	1....	H1-1b
31	M154	PL1/2x6	.122	.516	12	.131	.516	y	28	66009.2...	97200	1.012	12.15	1....	H1-1b
32	M157	L2x2x3	.124	4.162	6	.013	0	y	21	9823.122	23392.8	.558	1.084	1....	H2-1
33	M158	L2x2x3	.144	4.162	4	.013	0	y	13	9823.122	23392.8	.558	1.084	1....	H2-1
34	M162	PL3/8x6	.158	0	6	.388	0	y	22	70677.9...	72900	.57	9.113	1....	H1-1b
35	M163	PL3/8x6	.218	.167	12	.350	0	y	18	71601.7...	72900	.57	9.113	1....	H1-1b
36	M165	PL1/2x6	.040	.112	5	.099	0	y	27	96757.5...	97200	1.012	12.15	1....	H1-1b
37	M167	PL3/8x6	.187	0	8	.334	0	y	22	70677.9...	72900	.57	9.113	1....	H1-1b
38	M168	PL3/8x6	.253	.167	10	.366	0	y	17	71601.7...	72900	.57	9.113	1....	H1-1b
39	M170	PL1/2x6	.041	.112	7	.068	.112	y	27	96757.5...	97200	1.012	12.15	1....	H1-1b
40	M175	HSS4X4X4	.349	0	26	.072	0	y	34	139258....	139518	16.181	16.181	1....	H1-1b
41	M176	PIPE_3.0	.150	5.104	15	.064	8.896		16	22812.1...	65205	5.749	5.749	2....	H1-1b
42	M177	PIPE_3.0	.151	5.104	23	.064	8.896		24	22812.1...	65205	5.749	5.749	2....	H1-1b
43	MP1A	PIPE_2.0	.271	3	22	.061	1.938		20	20866.7...	32130	1.872	1.872	1....	H1-1b
44	MP2A	PIPE_2.0	.186	3	1	.041	3		10	20866.7...	32130	1.872	1.872	1....	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
45	MP3A	PIPE_2.0	.426	3	1	.092	4		10	20866.7...	32130	1.872	1.872	1....	H1-1b
46	MP4A	PIPE_2.0	.244	3	15	.062	.5		19	20866.7...	32130	1.872	1.872	1....	H1-1b
47	MP1C	PIPE_2.0	.271	3	18	.061	1.938		16	20866.7...	32130	1.872	1.872	1....	H1-1b
48	MP2C	PIPE_2.0	.186	3	9	.040	3		6	20866.7...	32130	1.872	1.872	1....	H1-1b
49	MP3C	PIPE_2.0	.424	3	9	.092	4		6	20866.7...	32130	1.872	1.872	1....	H1-1b
50	MP4C	PIPE_2.0	.246	3	36	.062	.5		15	20866.7...	32130	1.872	1.872	1....	H1-1b
51	MP1B	PIPE_2.0	.273	3	14	.062	1.938		24	20866.7...	32130	1.872	1.872	1....	H1-1b
52	MP2B	PIPE_2.0	.186	3	5	.041	3		2	20866.7...	32130	1.872	1.872	1....	H1-1b
53	MP3B	PIPE_2.0	.424	3	5	.092	4		2	20866.7...	32130	1.872	1.872	1....	H1-1b
54	MP4B	PIPE_2.0	.247	3	5	.062	.5		23	20866.7...	32130	1.872	1.872	1....	H1-1b
55	OVP1	PIPE_2.0	.079	2	12	.015	2		12	28843.4...	32130	1.872	1.872	2....	H1-1b
56	M105A	PIPE_2.5	.119	5.396	20	.039	5.396		7	11606.18	50715	3.596	3.596	2....	H1-1b
57	M112A	PIPE_2.5	.119	5.396	16	.039	5.396		3	11606.18	50715	3.596	3.596	2....	H1-1b
58	M119A	PIPE_2.5	.120	5.396	24	.039	5.396		11	11606.18	50715	3.596	3.596	2....	H1-1b
59	M126A	L3X3X4	.115	0	19	.064	0	z	6	46404.1...	46656	1.688	3.756	1....	H2-1
60	M127A	L3X3X4	.115	0	15	.076	.494	y	26	46404.1...	46656	1.688	3.756	1....	H2-1
61	M128A	L3X3X4	.115	0	23	.062	0	z	10	46404.1...	46656	1.688	3.756	1....	H2-1

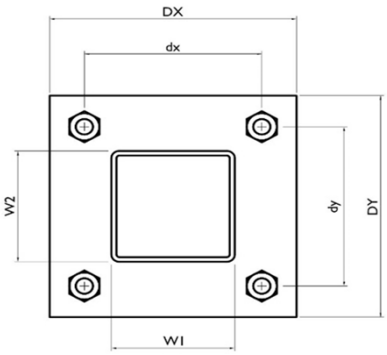
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/10/2023
Site Name:	WOODBURY S CT		
MDG #:	5000244642		
Fuze ID #:	17123977	Page:	1

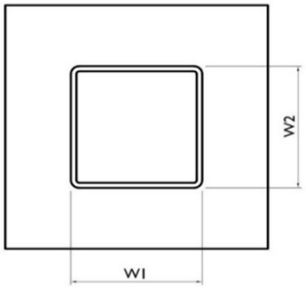
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	5.6
Required Shear Strength / bolt (kips):	0.7
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**27.3%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	9.30
Phi*M_n (kip-in):	11.85
Plate Bending Utilization:	**78.5%**

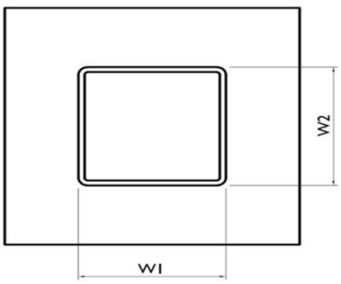


VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/10/2023
Site Name:	WOODBURY S CT		
PSLC #:	5000244642		
Fuze ID #:	17123977	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	2.13
Weld Capacity (kip/in):	5.57
Weld Utilization:	**38.3%**

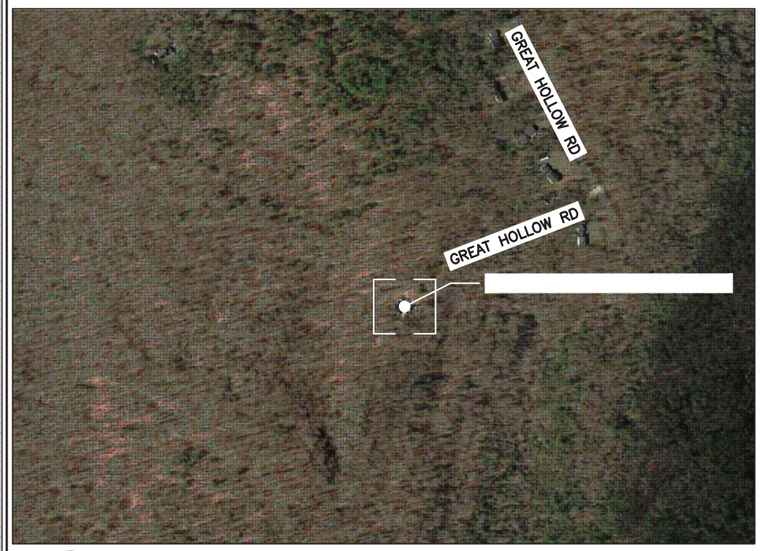


NOTE:
AN ANALYSIS OF THE CAPACITY OF THE STRUCTURE TO SUPPORT THE PROPOSED LOADING HAS BEEN COMPLETED BY TOWER ENGINEERING PROFESSIONALS DATED JANUARY 30, 2024.

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.

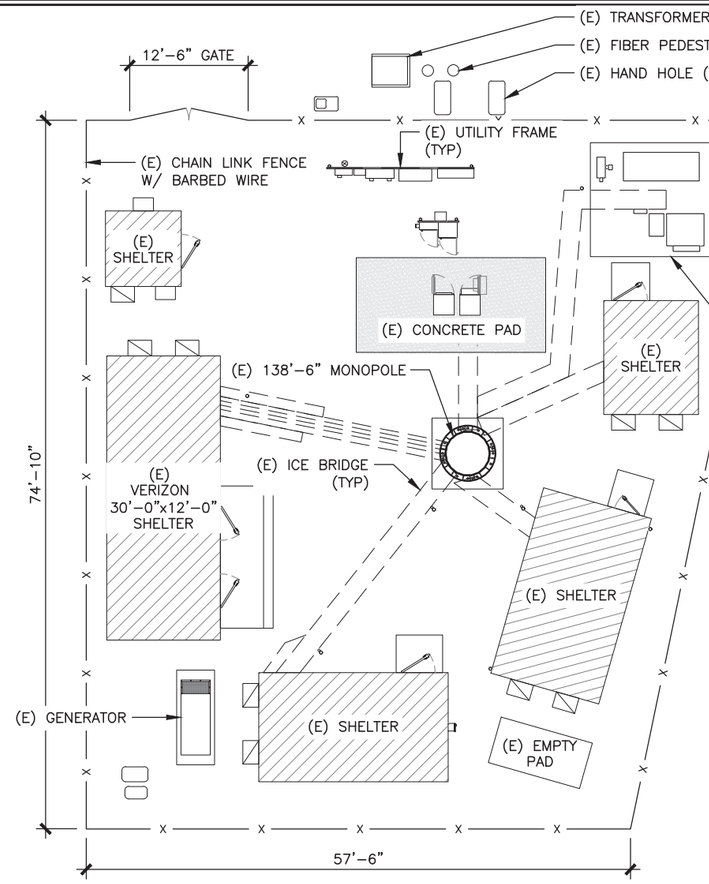
LOCATION MAP
N.T.S

APPROXIMATE COORDINATES:	LATITUDE:	41° 31' 19.20" N	41.522000° N
	LONGITUDE:	73° 13' 14.70" W	73.220736° W

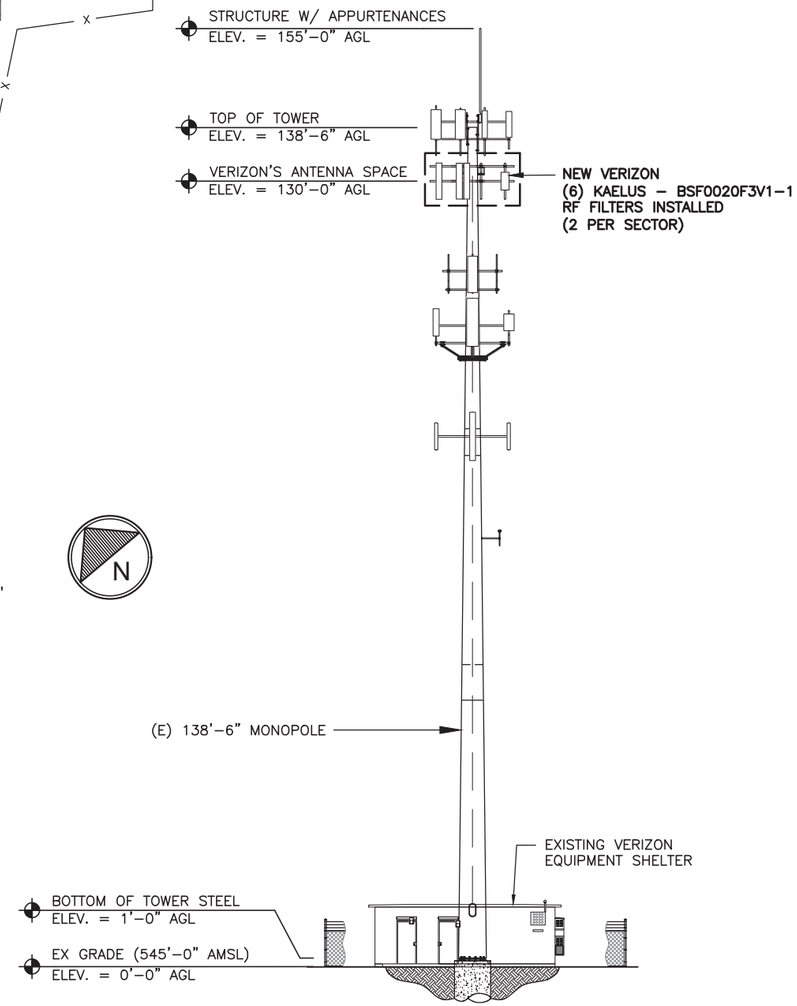


N

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



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



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 300
TULSA, OK 74119
PH: (918) 587-4630
btwo@btgrp.com

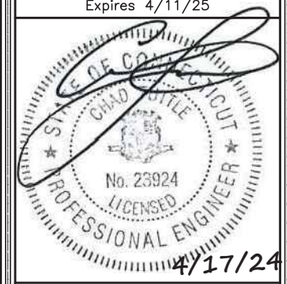
WOODBURY S CT
BU #: 876380
202 GREAT HOLLOW ROAD
WOODBURY, CT 06798
EXISTING MONOPOLE

PROJECT NO:	137090.010.01
CHECKED BY:	TDG

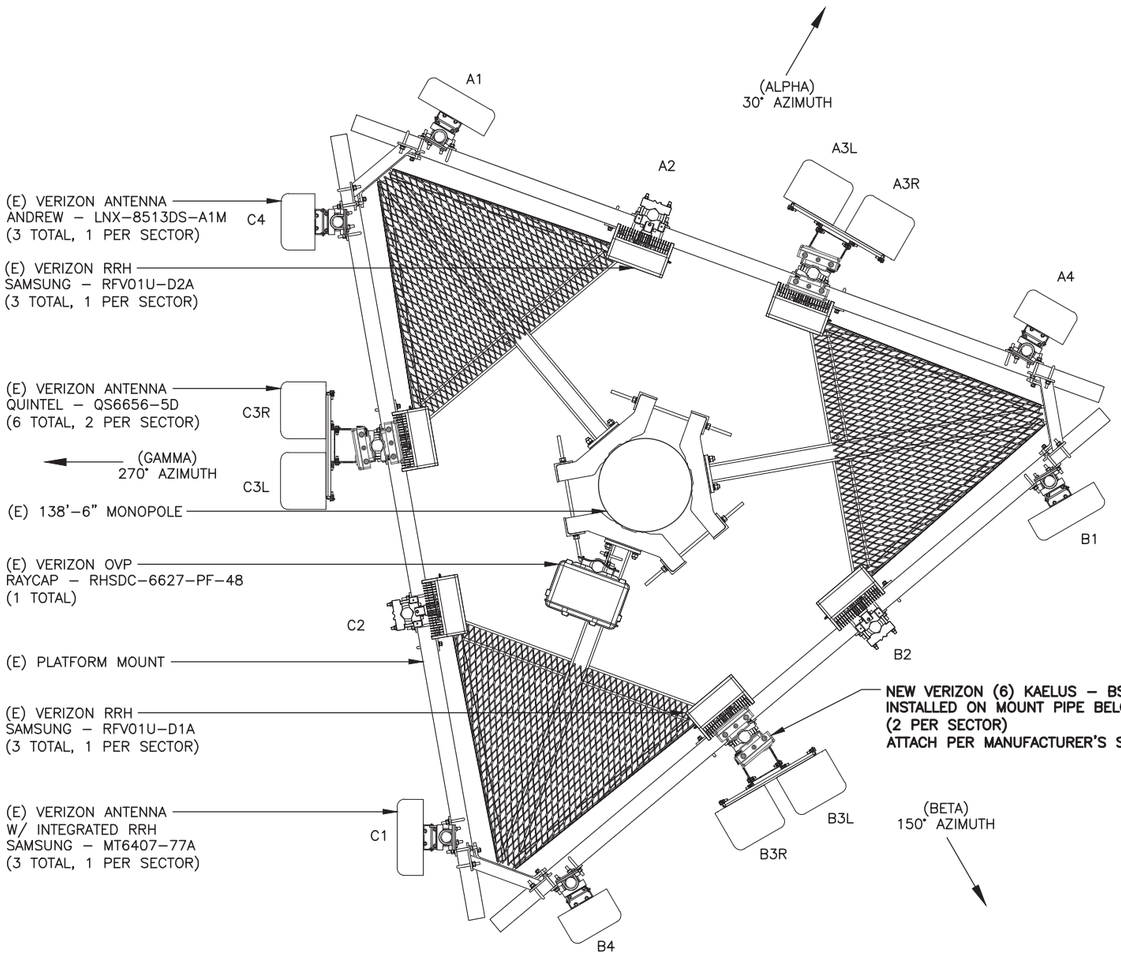
ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	3/28/24	JDB	CONSTRUCTION
1	4/17/24	BLB	CONSTRUCTION

MTS ENGINEERING P.L.L.C.
PEC.0002304
Expires 4/11/25



SHEET NUMBER:	REVISION:
LE-1	1



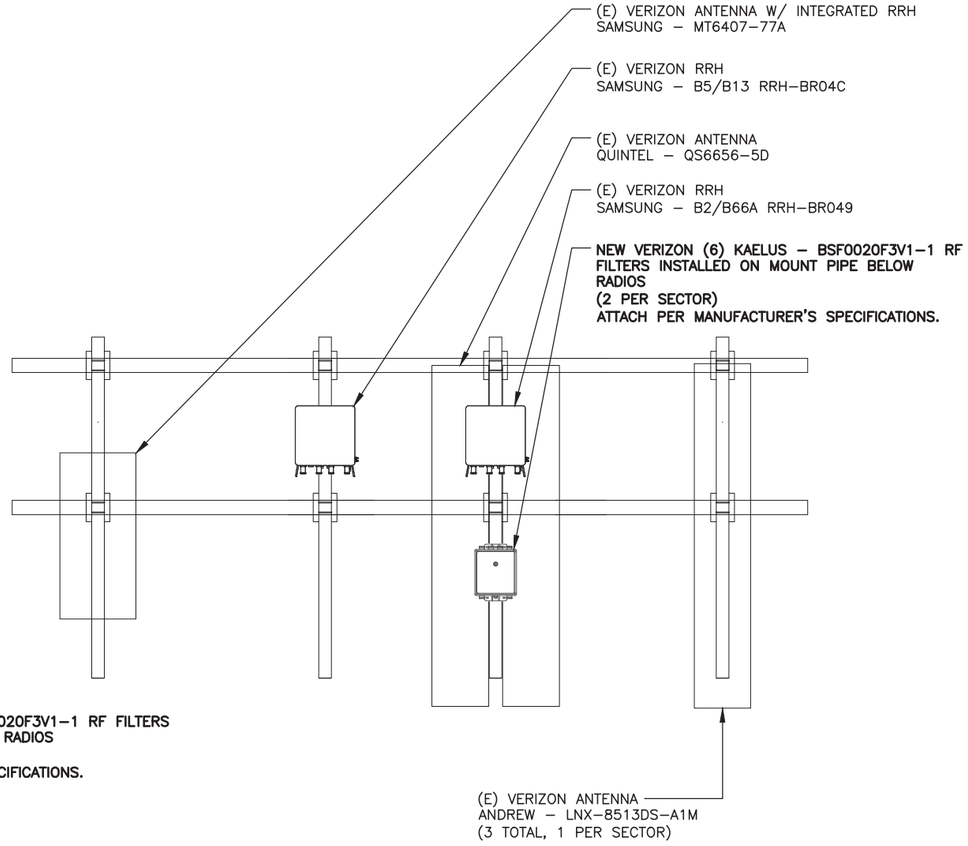
NOTE:

ANTENNA POSITIONS LABELED PER MOUNT ANALYSIS

1 NEW RF FILTER PLAN

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

N



NOTE:

ELEVATION VIEW FROM BEHIND ANTENNAS

2 NEW RF FILTER ELEVATION

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

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

B+T GRP

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

WOODBURY S CT

BU #: 876380

202 GREAT HOLLOW ROAD
WOODBURY, CT 06798

EXISTING MONOPOLE

PROJECT NO:	137090.010.01
CHECKED BY:	TDG

ISSUED FOR:

REV	DATE	DRWN	DESCRIPTION
0	3/28/24	JDB	CONSTRUCTION
1	4/17/24	BLB	CONSTRUCTION

MTS ENGINEERING P.L.L.C.
PEC.0002304
Expires 4/11/25

STATE OF CONNECTICUT
CHAD BATTLE
No. 23924
LICENSED
PROFESSIONAL ENGINEER
4/17/24

SHEET NUMBER:	REVISION:
LE-2	1

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

2952475

SIX HUNDRED TWENTY FIVE AND 00/100********** DATE 04/11/24 $*******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

⑈2952475⑈ ⑆211000614⑆ 1034104531⑈

Check No 2952475
Check Date 04/11/24

Stub 1 of 1

CKRQ 654606 ZN APP FEE	04/10/24	Invoice Summ	625.00	625.00
			625.00	625.00